

Mr. Robert Holston  
Holmes, Harris, Inc.

October 27, 1953

After consultation with local specialists on "bullier's hardware" I find that all hardware concerns will understand this term which means the usual type of beveled latch operated by the usual knob or thumb-piece and which can be locked against the outside by pressing a button at the edge of the lock but cannot under any circumstances be locked against the inside. If the owner desires that any of these locations be protected against opening the latch with a knife blade, vestibule locksets at those locations should be specified to be "guaranteed."

9. Since each leaf of the two pair of entrance doors and the single pair of entrance doors from Brown St. is less than 3 feet wide, special consideration must be given to locking and operating hardware. These details should all be understood and agreed upon before the doors are shipped from the factory rather than merely submitted here "before installation", which may mean that the doors are actually on the job and the owner committed to them when our conference takes place. If these doors are Kawneer, the manufacturer has had ample notice of the requirements many months ago.

Briefly both doors of a pair must be equipped with a vestibule lockset or equivalent or one of a pair with that type and the other with anti-panic hardware with "crash bar" full width of door. Many of the modern doors come with such narrow stiles that difficulties arise and the owner is in a poor bargaining position, if he owns the doors when the question is debated. We expect a conference on these doors, but it should take place at once before Day's owns the door or at least before they are shipped to the job.

10. Mr. Holmes' statement of design has been found on Sheet 5, so the above on that subject may be ignored.

11. Sheets 5 & 6 should be revised to show:

- walls of rear alleyway to be 10 inches thick at least at the bottom and wall at top of steps to extend at least 4 feet below grade
- handrails on stairs from second to third floors to extend clear to lowest riser
- handrail on both sides of two steps in Brown St. vestibule
- change of underpinning of boiler room wall as indicated in architect's letter of October 9, 1953.

12. If the note "U L B" means fire doors labelled by Underwriters' Laboratories as Class B, your attention is again called to the fact that most, if not all of them, are not required by our Code. No objection to using them, but we would like the owner to understand that he is not compelled to.

Very truly yours,

Warren McDonald  
Inspector of Buildings

WMCB/B

P. S. Kawneer men came in this afternoon and they are to use crash bars across each leaf of both pairs of entrance doors, but they know nothing about the Brown St. or the store doors.



# APPLICATION FOR AMENDMENT TO PERMIT

Amendment No. 5

Portland, Maine, Sept. 3, 1953

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

The undersigned hereby applies for amendment to Permit No. 53/434... pertaining to the building or structure comprised in the original application in accordance with the Laws of the State of Maine, the Building Code and Zoning Ordinance of the City of Portland, plans and specifications, if any, submitted herewith, and the following specifications:

Location 491 Congress St. Within Fire Limits? yes Dist. No. 1  
 Owner's name and address Brown Estate, c/o Harold Berry, 192 Middle St. Telephone             
 Lessee's name and address Day's Inc., 489 Congress St. Telephone             
 Contractor's name and address Robert H. Holsen, 491 E. Elm St., Yarmouth Telephone             
 Architect            Plans filed yes No. of sheets 9  
 Proposed use of building Store No. families             
 Last use " No. families             
 Increased cost of work 10,000. Additional fee 50  
10.00

## Description of Proposed Work

To construct 8" brick wall            of cellar stairs and construct cinder block wall in basement to form            as per plan. To relocate chimney as per plan. To partition off toilet rooms and vestibules in basement.  
 To provide vault on first floor as per plan.  
 To partition off toilet rooms, vestibules and lounge and corridor on second floor as per plan.  
 To partition off barridor on third floor as per plan.  
 To provide terrazzo floor as per plan.  
 To provide store front and entrance as per plans.

9/29/53 -

To construct entrance from parking lot rear of building to basement and first floor.  
 To construct conveyor from parking lot to basement.  
 To provide vault in basement as per plan.  
 To change stair treads of stairs, rear of building, from second to third floor, as per plan.

Permit Issued with Letter

## Details of New Work

Is any plumbing involved in this work?            Is any electrical work involved in this work?             
 Height average grade to top of plate            Height average grade to highest point of roof             
 Size, front            depth            No. stories            solid or filled land?            earth or rock?             
 Material of foundation            Thickness, top            bottom            cellar             
 Material of underpinning            Height            Thickness             
 Kind of roof            Rise per foot            Roof covering             
 No. of chimneys            Material of chimneys            of lining             
 Framing lumber—Kind            Dressed or full size?             
 Corner posts            Sills            Girt or ledger board?            Size             
 Girders            Size            Columns under girders            Size            Max. on centers             
 Studs (outside walls and carrying partitions) 2x4-16" O. C. Bridging in every floor and flat roof span over 8 feet.  
 Joists and rafters: 1st floor           , 2nd           , 3rd           , roof             
 On centers: 1st floor           , 2nd           , 3rd           , roof             
 Maximum span: 1st floor           , 2nd           , 3rd           , roof           

Approved:

Signature of Owner: Robert H. Holsen  
 Permit Issued with Letter  
 Approved: 10/1/53 W. A. W. W. W.  
 Inspector of Buildings

INSPECTION COPY

INTER-OFFICE CORRESPONDENCE

CITY OF PORTLAND, MAINE

PUBLIC WORKS DEPARTMENT

TO: Warren McDonald, Building Inspector

DATE: October 22, 1953

FROM: Bryan O. Whitney, Commissioner of Public Works

SUBJECT: Old Vaults Beneath Sidewalk at Day's - 491 Congress Street

With relation to the subject matter of your memo of October 20th, to Mr. Shur, it is my opinion that it will be to the best interest of the City that the owners of this building be required to completely fill these area ways with suitable gravel under the public sidewalk.

Even though the existing supports over the area ways may at the present time be in a satisfactory condition, if permission to seal these area ways off be granted, then there will be no way of inspecting these supports in the future, and we would have no indication of deterioration, until probably actual failure of the supports.

*Bryan O. Whitney*  
Commissioner of Public Works

BOW/mr

RECEIVED

OCT 23 1953

DEPT. OF BLD'G. INSP.  
CITY OF PORTLAND

BP 491 Congress St.

October 20, 1953

Barnett I. Shur, Corporation Counsel  
Bryan O. Whitney, Commissioner of Public Works  
Warren McDonald, Inspector of Buildings

Old vaults beneath the sidewalk at Day's, 491 Congress St.

In connection with the extensive alterations in the building at 491 Congress St., owned by Brown Estate and occupied by Day's, Inc., there are several existing vaults beneath the public sidewalk which have evidently been there for a great many years, and the architect is proposing to seal-off all of them except one which will be used for a vault for the entrance of the Electric Service and will remain accessible from the basement of the store.

Apparently they mean to seal-off these vaults by a thin wall or partition at about the street line, thus leaving the most of the vault without filling and completely inaccessible.

It is well known that this space under the sidewalk and under all streets is of considerable public interest and generally under the jurisdiction of the Municipal Officers. For the past several years such vaults have not been created without the approval of the Municipal Officers and an agreement with the owner. These vaults, however, were evidently created long before any such procedure was used.

Under these circumstances it seems to me that a definite policy should be established satisfactory to the Municipal Officers, or at least to the Public Works Department, to safeguard the interests of the public.

While the architect says that the supports over the vaults, carrying the public sidewalk, appear to be satisfactory, and, of course, the area of the vaults is small, it is a fair question if it is for the best interests of the City to merely seal-off these spaces with the possibility that something will go wrong in which case, I suppose it would be the obligation of the City to fix the trouble.

Will you be good enough to let me know as soon as possible what is the best course for me to pursue in issuing building permits which involves sealing-off the vaults. At present we are letting them go ahead with certain parts of the work upon the condition that this feature be cared for in a manner satisfactory to the City. Nevertheless, it would be helpful to know the answer as quickly as possible.

WMcD/b

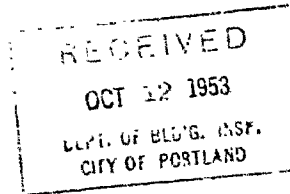
Inspector of Buildings

HOLMES AND EDWARDS  
ARCHITECTS  
126 STATE STREET - BOSTON

October 9, 1953

Department of Building Inspection  
City of Portland, Maine

Attention: Mr. Warren H. McDonald  
Inspector of Buildings



Re: Job #634 - Alterations at  
489 Congress Street - for  
Day's Jewelry Stores Inc.

Dear Mr. McDonald:

We are sending under separate cover, two sets of the following drawings, revised to October 9, 1953, covering most of the requirements set forth in your letters of October 1 and October 2, 1953:

- rec'd 10/13/53*
- (2) Occupancy plans #01, 02, 03
  - (2) Electrical plans #E1, E2, E3
  - (2) Computation sheets for Vestibule construction
  - (2) Detail of Marquee facing *see drawing #11*
  - (2 each) Drawings #8, 9, 10 showing revisions to show window details.

*only one set of changes rec'd*

We sincerely hope that we have covered all of your requirements, and it is our intention that the building shall be constructed in accordance with your Building Code, a copy of which has been unavailable to us.

*10/13/53*

Referring to your letter of October 2, 1953; It is our understanding that the original design for the Marquee contemplated steel pans for the decking, with some incombustible fill and "G" roofing. The soffit to be metal furred, wire lath and cement plastered. No wood furrings for facings. See our Drawing #11.

*OK all Mr. McDonald 11/10*

(2) Store Front- We have provided a concrete slab foundation for all wood frame bulkheads, and have indicated the method of holding the granite veneer onto the masonry or wood backing. Further details of anchoring to be provided in shop drawings and submitted to you for your approval.

*OK all Mr. McDonald 11/10*

Valance over show window has been further detailed to provide a metal structure entirely self-supporting. Wood is used merely as a backing for the metal window sash and carries absolutely no load.

*OK all Mr. McDonald 11/10*

The structural columns at Brown Street and Brown Street and Congress Streets are to be fireproofed with concrete to Code.

*actually OK. The structural columns at Brown Street and Congress Streets are to be fireproofed with concrete to Code. - applies to next 77*

HOLMES AND EDWARDS  
ARCHITECTS  
126 STATE STREET BOSTON

OCT 12 1953  
DEPT. OF PUBLIC WORKS  
CITY OF PORTLAND

- 2 -

October 9, 1953

requirements, with 3/16" bronze wires cast-in-place for granite facings, as well as space for carenting stone to concrete.

*2. General  
V.K. - all the  
on 8.5.1953  
in 10.1.1953  
with letter*

The entrance doorway has been detailed in structural steel, resting on a new beam under vestibule, and anchored at the top to second floor timbers and braced to spandrel girder above show windows. Here again, wood is used merely to attach our trim to, and is firestopped with rock wool packed solid.

*Consult (3)  
G.W. & W.  
B.C.*

The existing vaults under the sidewalk are of no value to the Owner, and it is our opinion that if they were sealed off from the Basements that potential trash catchers will be avoided. Structurally they are apparently o.k. We respectfully ask that they may be abandoned.

*3. See  
10.1.1953  
10.1.1953*

(4) The existing vault behind the transformer vault we propose to use for the new entrance switch, with a control at the first vestibule; and a wire grille at the entrance to the vault.

*17*

(5) We have redesigned the entrance vestibule to use a reinforced concrete slab, with additional steel to frame entrance doorway onto.

*17*

(6) The removable vestibule doors will have hardware to match permanent entrance doors.

*7*

(7) Egress hardware details - Kawneer doors will be submitted to you before installation of doors.

*10.1.1953  
10.1.1953  
10.1.1953*

(8) We have submitted occupancy plans, showing paths to egress and also one set of Electrical plans showing all lighting, plus emergency lighting (power failure actuated). Signs will be provided as required by your department.

*10.1.1953  
10.1.1953  
10.1.1953*

(9) The "Recreation Room" on the second floor has been abandoned and that space will be occupied by offices or optical repair shop.

Toilets have been separated and placed on second and third floors.

✓ The large room on the third floor, #301 and 302, will be used for accounting offices only. No assembly hall has been contemplated.



HOLMES AND EDWARDS  
A R C H I T E C T S  
126 STATE STREET - BOSTON

- 4 -

October 9, 1953

We have approved the preliminary sprinkler plans by the Grennell Company, and after corrections, these plans will be filed with your department by the Sub-contractor.

All spaces exceeding 14" clear above the ceilings, have been provided with additional heads as required in your Code.

*not shown since 30 ft*  
Hand railings will be provided on both sides of all stairways and existing egress at rear of ell will be changed to swing outward.

Underpinning of existing wall in new Boiler Room will be extended full length of footing. Doors to Boiler and Incinerator Rooms will be changed to U.L. Class "C" doors, steel jambs, automatic closing.

The various sub-contractors for mechanical equipment will file for permits on their work.

It has been difficult for us to step into this alteration project where so many parts of the work had been started or completed, but we believe we have it organized now so that the work will proceed more smoothly.

We wish to express our appreciation for your extra effort in examining our drawings and issuing the preliminary permits before you left on your trip.

Very truly yours,

HOLMES AND EDWARDS

*J. E. Holmes*  
J. E. HOLMES

RECEIVED

OCT 12 1953

DEPT. OF BLD'G. INF.  
CITY OF PORTLAND



# APPLICATION FOR AMENDMENT TO PERMIT

Amendment No. 11

Portland, Maine, Oct. 1, 1954

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

The undersigned hereby applies for amendment to Permit No. 53/134 pertaining to the building or structure comprised in the original application in accordance with the Laws of the State of Maine, the Building Code and Zoning Ordinance of the City of Portland, plans and specifications, if any, submitted herewith, and the following specifications:

Location 189 Congress St. Within Fire Limits? yes Dist. No. 1  
Owner's name and address Brown Estate, c/o Harold Berry, 192 Middle St. Telephone  
Lessee's name and address Day's Inc., 189 Congress St. Telephone  
Contractor's name and address " " Telephone  
Architect Plans filed yes No. of sheets 3  
Proposed use of building store No. families  
Last use No. families  
Increased cost of work 500. Additional fee 50.

## Description of Proposed Work

To construct loading platform on rear of building 19' x 4' and 8' 5" x 7' as per plan.

Platform finally removed and rebuilt in spring of 1955, but according to this plan.

Amendment to be issued to Day's Inc.

## Details of New Work

Is any plumbing involved in this work? Is any electrical work involved in this work?  
Height average grade to top of plate Height average grade to highest point of roof  
Size, front depth No. stories solid or filled land? ea. th or rock?  
Material of foundation Thickness, top bottom cellar  
Material of underpinning Height Thickness  
Kind of roof Rise per foot Roof covering  
No. of chimneys Material of chimneys of lining  
Framing lumber—Kind Dressed or full size?  
Corner posts Sills Girt or ledger board? Size  
Girders Size Columns under girders Size Max. on centers  
Studs (outside walls and carrying partitions) 2x4-16" O. C. Bridging in every floor and flat roof span over 8 feet.  
Joists and rafters: 1st floor, 2nd, 3rd, roof  
On centers: 1st floor, 2nd, 3rd, roof  
Maximum span: 1st floor, 2nd, 3rd, roof

Approved:

Signature of Owner by: A. P. Studer

Approved: J. P.

Inspector of Building

INSPECTION COPY

C-10-134-SC-Marks





APPLICATION FOR PERMIT FOR  
HEATING, COOKING OR POWER EQUIPMENT

Portland, Maine, May 18, 1954  
Completed 6/14/54

City of Portland

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location 491 Congress St. Use of Building store No. Stories 5 New Building Existing "  
Name and address of owner of appliance Day's Inc., 489 Congress St.  
Installer's name and address M. Lazarovich, 25 Spruce St. Telephone 4-6321

General Description of Work

To install electric-fired range (General Electric, Model No. 11211)

IF HEATER, OR POWER BOILER

Location of appliance Any burnable material in floor surface or beneath? Kind of fuel? If so, how protected? Minimum distance to burnable material, from top of appliance or casing top of furnace From top of smoke pipe From front of appliance From sides or back of appliance Size of chimney flue Other connections to same flue If gas fired, how vented? Rated maximum demand per hour Will sufficient fresh air be supplied to the appliance to insure proper and safe combustion?

IF OIL BURNER

Name and type of burner Labelled by underwriter's laboratories? Will operator be always in attendance? Does oil supply line feed from top or bottom of tank? Type of floor beneath burner Size of vent pipe Location of oil storage Number and capacity of tanks Low water shut off Make No. Will all tanks be more than five feet from any flame? How many tanks enclosed? Total capacity of any existing storage tanks for furnace burners

IF COOKING APPLIANCE

Location of appliance third floor Any burnable material in floor surface or beneath? yes kitchen Height of Legs, if any none If so, how protected? Distance to combustible material from top of appliance? Skirting at bottom of appliance? no From front of appliance 1" From sides and back 2" From top of smokepipe Size of chimney flue Other connections to same flue Is hood to be provided? If so, how vented? Forced or gravity? If gas fired, how vented? Rated maximum demand per hour

MISCELLANEOUS EQUIPMENT OR SPECIAL INFORMATION

Related application  
N.C. no info necessary - mm 6/18/54

Amount of fee enclosed? 2.00 (\$2.00 for one heater, etc., 50 cents additional for each additional heater, etc., in same building at same time.)

APPROVED:

Will there be in charge of the above work a person competent to see that the State and City requirements pertaining thereto are observed? yes

Day's Inc.

Signature of Installer by:

M. Lazarovich

INSPECTION COPY

1000

Location 491 (census of)

Date of permit 6/18/54

Approved

Permit No. \_\_\_\_\_

CITY OF PORTLAND, MAINE  
APPLICATION FOR PERMISSION TO ERECT AND MAINTAIN TEMPORARY  
SIGNS WITHIN FIRE DISTRICT NO. 1.

The undersigned applies for permission to erect and maintain the following described temporary sign within Fire District No. 1, in accordance with the Building Code of the City of Portland and the following specifications:

Location 491 Congress St. Ward \_\_\_\_\_  
Owner of building to which sign is to be attached Brown Estate, c/o Harold Berry,  
192 Middle St.  
Name and address of owner of sign Davis Inc., 489 Congress St.  
Sign contractor's name and address P. C. Roberts, 189 Anthony St., Phone \_\_\_\_\_  
So. Portland  
Overall dimensions of sign 4' x 40' Material of face oilcloth or frame wood  
In what story erected 2nd Will sign cover any part of window or door opening \_\_\_\_\_

Signature \_\_\_\_\_

Approved \_\_\_\_\_

Inspector of Buildings

Date on which permission to maintain this sign expires 2/1/54  
\*\*\*

Application for renewal \_\_\_\_\_

To \_\_\_\_\_

Signature \_\_\_\_\_

Approved \_\_\_\_\_

Inspector of Buildings

Application for renewal \_\_\_\_\_

To \_\_\_\_\_

Signature \_\_\_\_\_

Approved \_\_\_\_\_

Inspector of Buildings

Application for renewal \_\_\_\_\_

to \_\_\_\_\_

Signature \_\_\_\_\_

Approved \_\_\_\_\_

Inspector of Buildings

Application for renewal \_\_\_\_\_

to \_\_\_\_\_

Signature \_\_\_\_\_

Approved \_\_\_\_\_

Inspector of Buildings

Application for renewal \_\_\_\_\_

to \_\_\_\_\_

Signature \_\_\_\_\_

Approved \_\_\_\_\_

Inspector of Buildings

NOTE TO OWNER OF SIGN: PRESERVE THIS CERTIFICATE. If it is desired to maintain sign for a period longer than that allowed above, present this certificate at the Department of Building Inspection before the allowed period has elapsed, and permission for an additional period will be approved hereon, if sign is in good condition.

7/2/77

PERMIT NO. 73

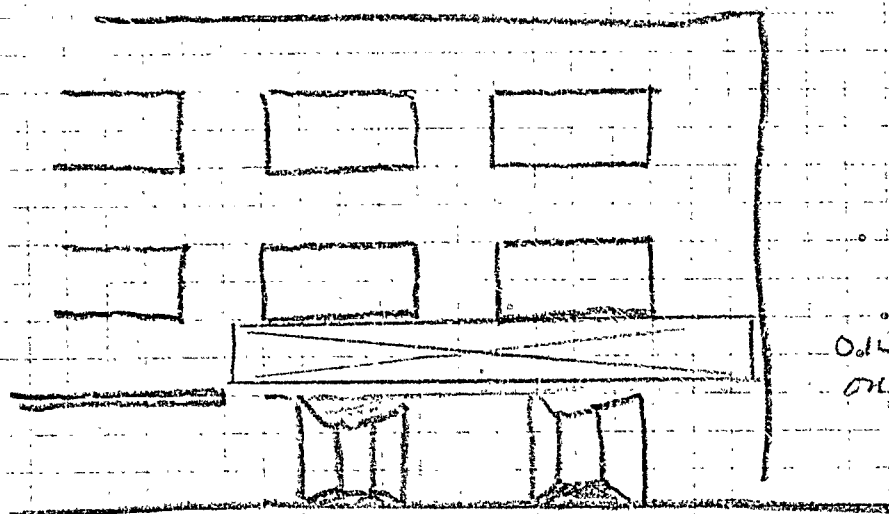
Location 491 Longview St.

Owner of Sign David Dugan

Sign Ronger P. C. Roberts

Date of

| Period | Begins  | Ends   | No.<br>bills | HO-<br>mover |
|--------|---------|--------|--------------|--------------|
| Orig   | 12/1/53 | 2/1/54 |              |              |
| 2      |         |        |              |              |
| 3      |         |        |              |              |
| 4      |         |        |              |              |
| 5      |         |        |              |              |
| 6      |         |        |              |              |
| 7      |         |        |              |              |
| 8      |         |        |              |              |
| 9      |         |        |              |              |
| 10     |         |        |              |              |
| 11     |         |        |              |              |
| 12     |         |        |              |              |



DAYS JEWELRY STORE  
489 CONGRESS ST

OILCLOTH SIGN 40' X 4'  
ON WOOD FRAME



GENERAL BUILDING CODE  
APPLICATION FOR PERMIT TO ERECT  
SIGN OVER PUBLIC SIDEWALK OR STREET

PERMIT ISSUED  
02160  
NOV 17 1953  
CITY OF PORTLAND

Portland, Maine, Nov. 10, 19 53

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.  
The undersigned hereby applies for a permit to erect the following described sign extending over a public side-  
walk or street in accordance with the Building Code of the City of Portland, and the following specifications:

Location 489 Congress St. Within Fire Limits? yes Dist. No. 1  
Owner of building to which sign is to be attached J. B. Brown & Sons  
Name and address of owner of sign Day's, Inc., 489 Congress St.  
Contractor's name and address P. C. Roberts, 189 Anthoine St., So. Portland Telephone 2-5390  
When does contractor's bond expire? Dec 31, 1953

Information Concerning Building

No. stories 3 Material of wall to which sign is to be attached brick and stucco  
Building owner's consent and agreement filed with application yes  
Electric? yes Vertical dimension after erection 5' Horizontal 6'  
Weight 650 lbs. Will there be any hollow spaces? yes Any rigid frame? yes  
Material of frame angle iron No. advertising faces 2 material porcelain  
No. rigid connections 6 Are they fastened directly to frame of sign? yes  
No. through bolts 3 Size 3/4" Location, top or bottom top  
No. guys none material 37' Fee \$ 2.00  
Minimum clear height above sidewalk or street 6'

Maximum projection into street 6'

SECTION COPY

Signature of contractor

*P. C. Roberts*  
*erected, but change of + put in 11/11/53*



Permit No. 53/2160

Location 489 Congress St.

Owner Days Inc.

Date of permit 11/17/53

Sign Contractor P. C. Roberts

Final Inspn.

NOTES

WRITTEN CONSENT AND AGREEMENT RELATING TO A CERTAIN SIGN PROPOSED TO  
BE ERECTED PROJECTING OVER A PUBLIC SIDEWALK FROM THE PREMISES  
AT 489 Congress St IN PORTLAND, MAINE

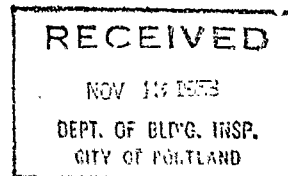
P.H. & J.M. Brown Co., being the owner of the  
premises at 489 Congress St. in Portland, Maine hereby gives  
consent to the erection of a certain sign owned by DAY'S INC.  
projecting over the public sidewalk from said premises as described in  
application to the Inspector of Buildings of Portland, Maine for a permit  
to cover erection of said sign;

And in consideration of the issuance of said permit  
P.H. & J. M. Brown Co. owner of said premises, in event said sign shall  
cease to serve the purpose for which it was erected or shall become dangerous  
and in event the owner of said sign shall fail to remove said sign or make  
it permanently safe in case the sign still serves the purpose for which it  
was erected, hereby agrees for himself or itself, for his heirs, its  
successors, and his or its assigns, to completely remove said sign within  
ten days of notice from said Inspector of Buildings that said sign is in  
such condition and of order from him to remove it.

In Witness whereof the owner of said premises has signed this consent  
and agreement this 10th day of November 1953

Clara E. Lagan  
Witness

P.H. & J.M. Brown Company  
Owner  
by Harold L. Brown Treasurer





APPLICATION FOR PERMIT FOR  
HEATING, COOKING OR POWER EQUIPMENT

Portland, Maine, Nov. 9, 1953

PERMIT ISSUED  
02032  
NOV 9 1953  
CITY OF PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location 491 Congress St. Use of Building store and office No. Stories        ~~New~~ Building Existing "      "  
Name and address of owner of appliance Day's Inc., 489 Congress St.  
Installer's name and address Mathews Sales & Service, 499 Fore St. Telephone 2-1401

General Description of Work

To install steam heating system and oil burning equipment *See Fee Dept. 11/9/53*  
*See Fee Dept. 11/9/53*

IF HEATER, OR POWER BOILER

Location of appliance boiler room Any burnable material in floor surface or beneath? no  
If so, how protected?        Kind of fuel? oil  
Minimum distance to burnable material, from top of appliance or casing top of furnace \*         
From top of smoke pipe 18x18 \* From front of appliance \*        From sides or back of appliance \*         
Size of chimney flue 18x18 Other connections to same flue none  
If gas fired, how vented?        Rated maximum demand per hour         
Will sufficient fresh air be supplied to the appliance to insure proper and safe combustion? yes

IF OIL BURNER

Name and type of burner 78-25 Kewanee (Iron Fireman) Labelled by underwriter's laboratories? yes  
Will operator be always in attendance?        Does oil supply line feed from top or bottom of tank? top  
Type of floor beneath burner concrete Size of vent pipe         
Location of oil storage outside underground Number and capacity of tanks 1-5000 gal.  
Low water shut off        Make        No.         
Will all tanks be more than five feet from any flame? yes How many tanks enclosed?         
Total capacity of any existing storage tanks for furnace burners        Permit Issued with       

IF COOKING APPLIANCE

Location of appliance        Any burnable material in floor surface or beneath?         
If so, how protected?        Height of Legs, if any         
Skirting at bottom of appliance?        Distance to combustible material from top of appliance?         
From front of appliance        From sides and back        From top of smokepipe         
Size of chimney flue        Other connections to same flue         
Is hood to be provided?        If so, how vented?        Forced or gravity?         
If gas fired, how vented?        Rated maximum demand per hour       

MISCELLANEOUS EQUIPMENT OR SPECIAL INFORMATION

\* no combustible material.  
Top of tank will be 3' underground. Tank bears Underwriters Laboratories.

Amount of fee enclosed? 2.00 (\$2.00 for one heater, etc., 50 cents additional for each additional heater, etc., in same building at same time.)

APPROVED:

*Oliver T. Furbush*  
CITY OF PORTLAND

Will there be in charge of the above work a person competent to see that the State and City requirements pertaining thereto are observed? yes

Mathews Sales & Service

Signature of Installer by: *Mathews*

INSPECTION COPY

NOTES

VENT PIPE

KIND OF HEAT

BURNER RIGIDITY & SUPPORT

NAME & LABEL

STACK THE TANK

HIGH LIMIT CONTROL

REMOTE CONTROL

PLUMBING SUPPORT & EXHAUSTION

VALVES

CAPACITY

TANK HEIGHT

TANK DISTANCE

OIL GRADE

INSTRUCTION CARD

LOW WATER SHUT-OFF

APPLICATION FOR PERMIT FOR

DATE OF PERMIT

APPROVED

OWNER

LOCATION

PERMIT NO.

1. Vent Pipe

2. Kind of Heat

3. Burner Rigidity & Support

4. Name & Label

5. Stack the Tank

6. High Limit Control

7. Remote Control

8. Plumbing Support & Exhaustion

9. Valves

10. Capacity

11. Tank Height

12. Tank Distance

13. Oil Grade

14. Instruction Card

15. Low Water Shut-off

1. Vent Pipe

2. Kind of Heat

3. Burner Rigidity & Support

4. Name & Label

5. Stack the Tank

6. High Limit Control

7. Remote Control

8. Plumbing Support & Exhaustion

9. Valves

10. Capacity

11. Tank Height

12. Tank Distance

13. Oil Grade

14. Instruction Card

15. Low Water Shut-off



Memorandum from Department of Building Inspection, Portland, Maine  
491 Congress St.—Installation of oil burning equipment for Day's Inc.  
by Mathews Sales & Service, installers

Before tank and piping is covered from view, installer is required to notify Fire Department Headquarters of readiness for inspection and to refrain from covering up until approved by the Fire Department.

This tank of 5000 gallon capacity is required to be of steel or wrought iron no less than 1/2" thick and before installation is required to be protected against corrosion, even though galvanized, by two preliminary coats of red lead and heavy coat of hot asphalt, or equivalent.

Pipe lines connected to underground tanks, other than tubing and except fill lines and test wells, must be provided with double swing joints arranged to permit the tank to settle without impairing the efficiency of the pipe connections.

Owner and installer will have to bear the responsibility for the structural capacity of the tank to support loads from above such as heavy motor trucks.

If tank will be so located as to be subjected to the action of tide water or "ground" water, adequate anchorage or weighting must be provided to prevent "floating" when tank is empty or nearly so.

S

CC: Day's Inc.  
409 Congress St.

Oliver T. Sanborn, Chief  
of the Fire Department

(Signed) Warren McDonald  
Inspector of Buildings



# APPLICATION FOR PERMIT

Class of Building or Type of Structure

Installation

Portland, Maine

October 22, 1953

PERMIT ISSUED  
01906

OCT 23 1953

CITY OF PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

The undersigned hereby applies for a permit to erect alter repair demolish install the following building structure equipment in accordance with the Laws of the State of Maine, the Building Code and Zoning Ordinance of the City of Portland, plans and specifications, if any, submitted herewith and the following specifications:

Location 491 Congress Street Within Fire Limits? yes Dist. No. 1  
Owner's name and address Brown Estate, c/o Harold Perry, 192 Middle St. Telephone \_\_\_\_\_  
Lessee's name and address Day's, Inc., 489 Congress St. Telephone \_\_\_\_\_  
Contractor's name and address Carroll S. Hannaford, 4 Midgery Wharf Telephone \_\_\_\_\_  
Architect \_\_\_\_\_ Specifications \_\_\_\_\_ Plans yes No. of sheets 2  
Proposed use of building Store No. families \_\_\_\_\_  
Last use \_\_\_\_\_ No. families \_\_\_\_\_  
Material \_\_\_\_\_ No. stories \_\_\_\_\_ Heat \_\_\_\_\_ Style of roof \_\_\_\_\_ Roofing \_\_\_\_\_  
Other buildings on same lot \_\_\_\_\_  
Estimated cost \$ \_\_\_\_\_ Fee \$ 2.00

## General Description of New Work

To install air conditioning system as per plans.

Permit Issued with Letter

It is understood that this permit does not include installation of heating apparatus which is to be taken out separately by and in the name of the heating contractor. **PERMIT TO BE ISSUED TO** Carroll S. Hannaford

## Details of New Work

Is any plumbing involved in this work? \_\_\_\_\_ Is any electrical work involved in this work? \_\_\_\_\_  
Is connection to be made to public sewer? \_\_\_\_\_ If not, what is proposed for sewage? \_\_\_\_\_  
Has septic tank notice been sent? \_\_\_\_\_ Form notice sent? \_\_\_\_\_  
Height average grade to top of plate \_\_\_\_\_ Height average grade to highest point of roof \_\_\_\_\_  
Size, front \_\_\_\_\_ depth \_\_\_\_\_ No. stories \_\_\_\_\_ solid or filled land? \_\_\_\_\_ earth or rock? \_\_\_\_\_  
Material of foundation \_\_\_\_\_ Thickness, top \_\_\_\_\_ bottom \_\_\_\_\_ cellar \_\_\_\_\_  
Material of underpinning \_\_\_\_\_ Height \_\_\_\_\_ Thickness \_\_\_\_\_  
Kind of roof \_\_\_\_\_ Rise per foot \_\_\_\_\_ Roof covering \_\_\_\_\_  
No. of chimneys \_\_\_\_\_ Material of chimneys \_\_\_\_\_ of lining \_\_\_\_\_ Kind of heat \_\_\_\_\_ fuel \_\_\_\_\_  
Framing lumber—Kind \_\_\_\_\_ Dressed or full size? \_\_\_\_\_  
Corner posts \_\_\_\_\_ Sills \_\_\_\_\_ Girt or ledger board? \_\_\_\_\_ Size \_\_\_\_\_  
Girders \_\_\_\_\_ Size \_\_\_\_\_ Columns under girders \_\_\_\_\_ Size \_\_\_\_\_ Max. on centers \_\_\_\_\_  
Studs (outside walls and carrying partitions) 2x4-16" O. C. Bridging in every floor and flat roof span over 8 feet.  
Joists and rafters: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_  
On centers: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_  
Maximum span: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_  
If one story building with masonry walls, thickness of walls? \_\_\_\_\_ height? \_\_\_\_\_

## If a Garage

No. cars now accommodated on same lot \_\_\_\_\_, to be accommodated \_\_\_\_\_ number commercial cars to be accommodated \_\_\_\_\_  
Will automobile repairing be done other than minor repairs to cars habitually stored in the proposed building? \_\_\_\_\_

APPROVED:

## Miscellaneous

Will work require disturbing of any tree on a public street? no  
Will there be in charge of the above work a person competent to see that the State and City requirements pertaining thereto are observed? yes  
Brown Estate  
Day's, Inc.

Signature of owner

By: Carroll S. Hannaford

SECTION COPY



NOTES

TINIER RO

Permit No. 531 1966  
 Location 491 Cuyamaca St.  
 Owner McCarroll  
 Date of permit 8/10/63 153  
 Notif. closing-in  
 Inspn. closing-in  
 Final Notif.  
 Final Inspn.  
 Cert. of Occupancy issued  
 Staking Out Notice  
 Form Check Notice

INSPECTION COPY

AP 491 Congress St.  
(air conditioning)

October 23, 1953

Mr. Carroll S. Hannaford  
4 Widgery Wharf

Dear Mr. Hannaford:

Copies to: Day's Inc.,  
489 Congress St.  
Holmes-Edwards, Inc.  
126 State St.  
Boston, Mass.  
Brown Estate  
c/o Mr. Harold Lee Berry  
192 Kille St.

Permit for installation of ducts for air conditioning system in the building at 491 Congress St. is issued, herewith, subject to the following conditions.

You are probably aware that the Municipal Officers of Portland as a Board of Standards has established National Fire Protection Association Pamphlet No. 90, Standards for Air Conditioning Systems as the regulation to be complied with in design and installation of such systems.

The permit is issued subject to compliance with these standards, the plans not being in sufficient detail to admit of a complete check.

If mechanical refrigeration equipment is to be installed in connection with this system, that should be covered by a separate permit applied for by and issuable only to the actual installer so that the required approval of the Fire Chief may be secured.

If you do not have a copy of Pamphlet No. 90 one may be examined at this office or you can procure a copy for thirty-five (35) cents from the National Fire Protection Association, 60 Battery March St., Boston 10, Mass.

It is assumed that the air conditioning system is not to be directly connected to any fire-actuated appliance. If that should turn out to be the case, your attention is called particularly to the requirements for clearances from burnable materials as covered by Section 120 of Pamphlet No. 90.

Very truly yours,

Warren McDonald  
Inspector of Buildings

WMCD/B

*File with  
info. copy  
air conditioning  
Day's Inc. 49 Congress  
10/28/53*

HOLMES AND EDWARDS  
ARCHITECTS  
126 STATE STREET - BOSTON

*a.t.t.  
Sidney Dandora  
says they will not  
to put in this  
elaborate system  
now 1/2 cost*

October 26, 1953 *WME  
10/28/53*

✓  
Mr. Warren McDonald  
Inspector of Buildings  
Portland, Maine

Re: Day's Inc. - 489 Congress St.  
Portland, Maine - Job #634

Dear Mr. McDonald:

In answer to your letter of October 23, 1953,  
you may be assured that the installation of the air conditioning  
equipment at the above job will meet all of the requirements  
of Pamphlet No. 90, issued by the National Fire Protection  
Association.

Our plans and specifications for this equipment  
will be completed today and will be sent to your office for  
approval before proceeding with the installation. The air  
conditioning unit will be a split system, i.e. steam coils and  
cooling coils with the proper dampers, controls etc.

Very truly yours,

HOLMES AND EDWARDS

*Edward Holmes*  
J. EDWARD HOLMES

JEH:ldc





**APPLICATION FOR PERMIT**

Class of Building or Type of Structure \_\_\_\_\_ Installation \_\_\_\_\_  
Portland, Maine, Oct. 2, 1953 \_\_\_\_\_

PERMIT ISSUED  
01778  
OCT 7 1953  
CITY of PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

The undersigned hereby applies for a permit to ~~erect and repair~~ install the following building ~~structure~~ equipment in accordance with the Laws of the State of Maine, the Building Code and Zoning Ordinance of the City of Portland, plans and specifications, if any, submitted herewith and the following specifications:

specifications, if any, submitted herewith and the following specifications:

Location 191-197 Congress St. Within Fire Limits? yes Dist. No. 1

Owner's name and address Dav's Inc., 169 Congress St. Telephone \_\_\_\_\_

Lessee's name and address \_\_\_\_\_ Providence, RI Telephone \_\_\_\_\_

Contractor's name and address Grinnell Sprinkler Co., 275 W. Exchange St. Telephone \_\_\_\_\_

Architect \_\_\_\_\_ Specifications \_\_\_\_\_ Plans yes No. of sheets 3

Proposed use of building store and offices No. families \_\_\_\_\_

Last use \_\_\_\_\_ " " No. families \_\_\_\_\_

Material brick No. stories 3 Heat \_\_\_\_\_ Style of roof \_\_\_\_\_ Roofing \_\_\_\_\_

Other buildings on same lot \_\_\_\_\_

Estimated cost \$ \_\_\_\_\_ Fee \$ 2.00

### General Description of New Work

To install automatic wet sprinkler system as per plans.

## Permit Issued with Memo

*It is understood that this permit does not include installation of heating apparatus which is to be taken out separately by and in the name of the heating contractor. PERMIT TO BE ISSUED TO E. E. Sweetser, 38 Green St., Gorham*

### Details of New Work

**Details of New Work**

Is any plumbing involved in this work? \_\_\_\_\_ Is any electrical work involved in this work? \_\_\_\_\_

Is connection to be made to public sewer? \_\_\_\_\_ If not, what is proposed for sewage? \_\_\_\_\_

Has septic tank notice been sent? \_\_\_\_\_ Form notice sent? \_\_\_\_\_

Height average grade to top of plate \_\_\_\_\_ Height average grade to highest point of roof \_\_\_\_\_

Size, front \_\_\_\_\_ depth \_\_\_\_\_ No. stories \_\_\_\_\_ solid or filled land? \_\_\_\_\_ earth or rock? \_\_\_\_\_

Material of foundation \_\_\_\_\_ Thickness, top \_\_\_\_\_ bottom \_\_\_\_\_ cellar \_\_\_\_\_

Material of underpinning \_\_\_\_\_ Height \_\_\_\_\_ Thickness \_\_\_\_\_

Kind of roof \_\_\_\_\_ Rise per foot \_\_\_\_\_ Roof covering \_\_\_\_\_

No. of chimneys \_\_\_\_\_ Material of chimneys \_\_\_\_\_ of lining \_\_\_\_\_ Kind of heat \_\_\_\_\_ fuel \_\_\_\_\_

Framing lumber—Kind \_\_\_\_\_ Dressed or full size? \_\_\_\_\_

Corner posts \_\_\_\_\_ Sills \_\_\_\_\_ Girt or ledger board? \_\_\_\_\_ Size \_\_\_\_\_

Girders \_\_\_\_\_ Size \_\_\_\_\_ Columns under girders \_\_\_\_\_ Size \_\_\_\_\_ Max. on centers \_\_\_\_\_

Studs (outside walls and carrying partitions) 2x4-16" O. C. Bridging in every floor and flat roof span over 8 feet.

Joists and rafters: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

On centers: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

Maximum span: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

If one story building with masonry walls, thickness of walls? \_\_\_\_\_ height? \_\_\_\_\_

## If a Garage

No. cars now accommodated on same lot....., to be accommodated.....number commercial cars to be accommodated.  
Will automobile repairing be done other than minor repairs to cars habitually stored in the proposed building?.....

### Miscellaneous

Will there be in charge of the above work a person comp  
see that the State and City requirements pertaining th  
observed? yes

Day's Inc.  
Grinnell Sprinkler Co.

Signature of owner by:

INSPECTION COPY

Permit No. 53/1778  
Location 49-492 Canquach  
Owner Way's Inc.  
Date of permit 4/10/75  
No. if closing-in \_\_\_\_\_  
Inspn. closing-in \_\_\_\_\_  
Final Notif. \_\_\_\_\_  
Final Inspn. \_\_\_\_\_  
Cert. of Occupancy issued \_\_\_\_\_  
Sinking Out Notice \_\_\_\_\_  
Form Check Notice \_\_\_\_\_

NOTES

Handwritten notes in the 'NOTES' section, including the date '4/10/75' and the name 'Way's Inc.'.



Memorandum from Department of Building Inspection, Portland, Maine

491-497 Congress St. - Building Permit to install Automatic Sprinkler System  
for Day's Inc. by E. H. Sweetser - 10/7/53

Permit for installation of an automatic sprinkler system throughout a portion of the basement and three stories of the building at 491-497 Congress St. is issued herewith based on the plans filed with the application for permit. As soon as plans have been completed for the system in the rest of the building, they should be filed together with an application for an amendment to this permit for checking and approval.

Copy to: Day's Inc.  
489 Congress St.

s/c

(Signed) Warren McDonald  
Inspector of Buildings

NEW ENGLAND  
FIRE INSURANCE RATING ASSOCIATION

MAINE DIVISION

477 CONGRESS ST., PORTLAND 3, MAINE

ADDRESS MAIL PEARL ST. STATION, P. O. BOX 331

WALTER E. HOOK  
DIVISIONAL MANAGER

September 14, 1954

City of Portland, Maine  
Department of Building Inspection  
City Hall  
Portland, Maine

Attention: Mr. Warren McDonald  
Inspector of Buildings

Dear Mr. McDonald:

Re: 491-497 Congress Street  
Portland, Maine  
I.F.U. Sprinkler System  
Day's, Inc.  
I.R.D. 13652

My attention has been called to a question raised by you, of sprinkler coverage in the southeast corner of the basement of the above captioned property.

Without a doubt an obstruction to proper sprinkler distribution has been created by construction of an interior cinder block wall. I have suggested this situation could be corrected by removal of one course of blocks from the top of this wall which now extends only part way to the basement ceiling. The alternative would be to provide an additional line of sprinklers the length of the wall. One or the other of these measures will be taken before the sprinkler installation is accepted.

I have further noted the arrangement of sprinklers near the air conditioning duct work in this area. I do not believe this duct work will interfere with proper sprinkler distribution there and have recommended no change in the present arrangement.

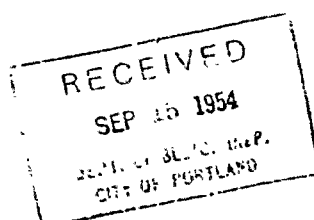
Very truly yours,

W. E. Hook  
Divisional Manager

By:

G. A. Hunt

GAH:dv



W. E. H.  
To note. We will accept Mr. Hunt's  
conclusions. *[Signature]* 9/17/54

*Price copy: 10  
Sprinkler Dept  
april 30/54  
5/3/54*

April 29, 1954

Mr. Sidney A. Davidson  
Tress. Day's Jewelry, Inc.  
489 Congress Street  
Portland, Maine

Dear Mr. Davidson:

I received a copy of Mr. Warren McDonald's letter of April 26th, along with you and Mr. Hodsdon. I am glad that the New England Fire Insurance Rating Association has found it unnecessary for you to install sprinklers in your show cases, and am writing this to tell you that this Company agrees to the alternative, namely; draft stops at regular intervals and at the junction of the cases paralleling Brown and Congress Streets. In other words, install these draft stops so they will meet the requirements of the Building Inspector and not increase your insurance rate.

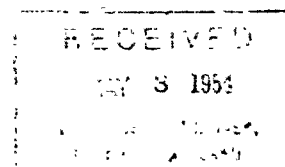
I am sending a copy of this letter to Mr. Warren McDonald, Inspector of Buildings, City of Portland, Maine.

Very truly yours,

JOHN MARSHALL BROWN COMPANY

*Harold L. Brown*  
Treasurer

HLB\*H



AP 491-497 Congress St.-1

April 26, 1934

Copies to: Mr. Sidney A. Davidson  
Treas. Day's Jewelry, Inc.  
489 Congress St.  
Brown Estate  
192 Middle St.  
Mr. Davidson for Mr. Piper

Mr. Robert J. Houlston  
c/o Day's Inc.  
489 Congress St.

Dear Mr. Houlston:

When the permit for installation of sprinkler system at Day's Inc. at 491-497 Congress St., was issued, it was not foreseen that extensive show cases would be built around the walls of the first story and that Mr. Davidson would desire to provide a barrier or partition of plywood from the front of the top of these cases to the ceiling, thus making a concealed space which, under the building code, would ordinarily require sprinkler head coverage.

Since the work has progressed so far and to provide a sprinkler heads in these concealed spaces would mean extensive tearing out and adjustment of the sprinkler supply pipes, we took the question up with the New England Fire Insurance Rating Association. That organization replied that omission of sprinkler heads in these concealed spaces is not considered important as affecting the fire insurance rate, but that in such cases draft stops of cement asbestos board or gypsum board should be provided at 10-foot intervals.

Mr. Hunt of NEFIRA says that he has approved this arrangement upon agreement of yourself and the lessee to provide draft stops at regular intervals (presumably 10 feet) and at the junction of the cases paralleling Brown and Congress Sts. (and presumably at any similar corners).

It is important that you see to it that these draft stops of incombustible material be provided as agreed upon, and that Mr. Piper make sure to notify our inspector when any particular section of these concealed spaces have the fire stops in place and are ready for covering up by erecting the partitions at the face of the cases;—not to cover up any of these concealed spaces until our inspector has seen the draft stops in place.

Very truly yours,

Warren McDonald  
Inspector of Buildings

WMC/S



491-497 Congress St.  
Sprinkler System

April 16, 1954

Mr. George A. Hunt  
New England Fire Insurance Rating Assoc.  
477 Congress St. Room 324

Copy to: Mr. Mitchell E. Podufaly  
Mgr. Grinnell Co., Inc.  
482 1/2 Congress St.

Dear Mr. Hunt:

I feel quite uncertain about some of the details of the sprinkler system being installed for Day's Inc. at 491 Congress St. due to the fact that, since you approved the plans of the sprinkler system which are filed here with Grinnell's application for a permit, Day's have come up with a plan of display cases around the first story store which has some bearing upon the sprinkler head coverage and because the tops of the cases will be a few feet below the sprinklered ceiling, and they desire to close off the space over these cases with plywood, presumably supported on some type of studs.

We have had similar questions come up in other stores, and I have talked with Mr. Podufaly of Grinnell about this case whereupon he referred me to Section 713 of NFPA Standards (Pamphlet No. 13) of June 1953, and told me that he had been over the situation with you and that you agreed from a rating standpoint, there is no necessity for providing heads in these concealed spaces.

We talked particularly about Section 713(b). On the basis of his feeling that these concealed spaces are very limited in area.

I feel that those of you who are dealing with fire risks all the time are better qualified than I to decide what is a "very limited area". However, I am confronted with the Building Code requirement that, where a building or part thereof is required to be sprinklered, the system shall cover and protect all spaces, concealed or otherwise, where the installation and maintenance is practicable, with some exceptions where sprinkler heads would appear to be more of a hazard than a protection. Our Board of Standards have extended the application of the text of the Code by reference to the Underwriters' pamphlet in cases where the Code is not explicit.

In attempt to reach the right decision, I looked over the situation on the job. While most of the cases have not been built, even in the part under construction, I found near the corner of Congress St. and Brown St. a case in the rear of the show windows, about 4 feet wide and about 16 feet long running parallel to Brown St. and joining with a part of the case parallel to Congress St., which is about 20 inches wide and about 30 feet long. Since there was nothing on the architectural plans which you must have had or on the sprinkler plans to indicate this concealed space, it turns out that there is only one head exposed to this future concealed space (near the corner of the building) and the other heads (two or three at least) come at the edge of the future concealed space/exposed only in the open store. Presumably some access panel would have to be provided for this one head in the concealed space, but otherwise it would be unprotected.

Mr. Podufaly called attention to the fact that there are heads over the ceiling of this future concealed space, and seemed to feel that a smouldering fire which might originate in such a concealed space would eventually burn through the plywood walls or through the ceiling and operate the existing heads in one place or another. It seemed to me, however, that there would be a long delay in such a case after the fire

Mr. George A. Hunt

2

April 16, 1954

started which might set the stage for a hot air explosion, which would spread the fire all over the place.

I shall value your opinion with regard to this matter as an assist in making a decision under the Building Code, and also whether or not you feel that our Code may be unnecessarily severe; also whether you feel that this particular area of more than 100 square feet is such a very limited area as contemplated in the pamphlet.

We are all plagued with the practice of owners and builders of not working out their show cases and interior fittings at the time the sprinkler systems are designed. If they persist in this practice, it seems to me there should be no great objection if the sprinkler system has to be adjusted or extended after they have made up their minds about the fittings.

Very truly yours,

Warren McDonald  
Inspector of Buildings

WMC/B

By 491 Congress St.  
Boston, Mass.

June 2, 1933

Adler, Edwards, Inc.  
128 State St.  
Boston, Mass.  
Mr. Robert Hodson  
c/o Lay's, Inc.  
489 Congress St.

Copies to: Mr. Sidney Davidson  
c/o Lay's, Inc.  
489 Congress St.

Brown Estate  
192 Nicole St.

Gentlemen:-

The reasons for excluding certain features of the work at the lay job at 491 Congress St. from Amendment 53 are as follows:

1. Sect. 2112 of the Building Code provides that the marquee shall be of incombustible material only.
2. There are several aspects of the store fronts which are unusual to us, and it is doubtful if any of the details are acceptable under the Code.

—It is understood that the construction beneath the show windows is of wooden studs with spaces between filled with rockwool with asbestos board on the inside and metal lath and plaster on the outside against which it is planted one inch thick granite veneer. This frame construction beneath the show windows is allowable in the Fire District but we have not discovered the method of fastening the granite veneer in these locations. Please explain by written specifications, not verbally. Our Board of Standards has set up some rules on Page 203 of the Code for thin granite veneer which certainly contemplates that the veneer shall be anchored to a masonry backing. There are rapid changes in the use and application of these materials and we have found some rules in our Code for fastening such granite veneer to frame construction plastered upon if the back of the veneer is rough and special cement is used. Perhaps something like that can be worked out, but it may have to be approved by our Board of Standards. Certainly indications are from everything relating to veneer in our Code that the veneer ought not to be supported upon the wooden floor, and it hardly seems that this feature can be accepted.

—It appears that the construction over the show windows consists mostly of formed metal brackets like channels filled with gypsum block with the rough window frames of wood coming up under the under flange. It is not clear how the plaster which starts over the windows and runs out in a curve under the marquee is to be supported. Certainly this cannot be of wooden frame construction.

—We have not discovered of what construction you intend to make the columns at the corners and at either side of the main entrance nor the fairly large area over the main entrance on the Congress St. face outlined by steel channels. Certainly these places cannot be built of wooden frame construction.

3. It is doubtful if the City can go along with "scaling off" the vaults under the sidewalk. Mr. Hodson says that the sidewalks are supported over these vaults by brick

Holmes, Roberts, Inc. - - - -  
Mr. Robert McDonald  
c/o L. B. Co.

October 2, 1953

arches. This is a matter which will have to be taken up with the Commissioner of Public Works and the Corporation Counsel to see how best the public interest may be served.

4. What is the arrangement for the entrance vault for the electric service? Does that already exist or is it to be provided? If the latter, probably special approval must be secured from the Municipal Officers.

5. We shall have to look into the use of wooden floor joists to support the cinder concrete and Terrazo floor outside of the main entrance. Is there a good reason for abandoning the original design of a reinforced concrete slab supported by steel?

6. The doors in the removable vestibule will have to be equipped with the same type of hardware as provided on the permanent doors at the entrance.

7. We need to know the details of hardware proposed for the modern doors at the front entrance and the glass doors at the Brown St. entrance. Months ago people from Kameer came here and we went into these matters thoroughly. Since each door is less than three feet wide, each door must be equipped with the equivalent of a vestibule latchset, a term used by us but explained in Sect. 212c2.5 of the Code. We have had difficulties with these modern doors to some extent due to the fact that they do not have material enough between the glass and the edge of the door to accommodate the fittings for a crash bar to extend clear across the door. I have the promise of the Kameer men that they would work everything out satisfactorily and that we would get the plan, but nothing has been heard of them since.

8. Sometime soon the architect should work out means of egress for second and third floors designating the routes which he proposes to keep them well separated and so available that one hazard will not likely put all of the means of egress out of commission. He should show the types of locksets to be used on the doors wherever more than 20 persons will be accommodated and should show locations of exit signs, directional or otherwise as may be necessary so that all persons on the second and third floors will know unerringly what direction to take to reach a place of safety outside of the building.

9. A recreation room is noted on the second floor. This room is large enough to accommodate 20 people or so for common recreation and a much larger number if they were to be seated.

There is a very large room on the Brown St. end of the third floor which could possibly be used for some type of assembly, employee meetings or shows. The architect and owner should bear in mind that every room where more than 20 persons are to be accommodated at one time should be designed as a Minor Assembly Hall and they should examine Sect. 206 of the Code applying to such uses and show fully on the plan what all of the rooms are to be used for, offices, shops, display, assembly or what have you.

Very truly yours,

Warren McDonald  
Inspector of Buildings

WMD/G