

W. 385  
B405  
L43

Original

Department for the Survey and Inspection of Buildings,

OFFICE, No. 2 FOURTH AVENUE.

New York, April 6<sup>th</sup> 1869

PLAN AND SPECIFICATION

For Alterations, Additions, or Repairs to Buildings already Erected.

The undersigned gives notice that Paul Bruder owner or lessee of premises No 539 E 11<sup>th</sup> Street betw Av: 4 B. proposes to alter or enlarge the building thereon, in the manner described below, and respectfully requests that said premises be examined, and a permit granted for such alteration or enlargement.

The present building is built of bricks 4 stories, 40 feet in height, 25 feet front 40 feet deep, with tin roof.

The foundation walls are built of stone, 20 inches thick. The upper walls are built of bricks, 12 inches thick, and 40 feet in height from curb level.

If independent walls, state the fact independent

If party-walls, state the fact \_\_\_\_\_

If there is any other building on the lot, state the fact \_\_\_\_\_

Owner Paul Bruder Residence 539 E Eleventh Str  
Architect Louis Burgee Residence 58 Bawery  
Builder \_\_\_\_\_ Residence \_\_\_\_\_

DESCRIPTION OF PROPOSED ALTERATIONS, ADDITIONS, OR REPAIRS.

If raised or built upon, give \_\_\_\_\_

1. Number of stories \_\_\_\_\_
2. Number of feet in height \_\_\_\_\_
3. Style of roof flat
4. Materials of roofing tin
5. Materials of cornices wood
6. Access to roof ladder + stairs
7. Fire escape, if required none
8. Iron shutters, if required \_\_\_\_\_
9. How to be occupied Saloon on first floor and  
ten on second floor

If extended on the front, rear, or either side, give:

1. Width and depth of extension *8 ft by 10 ft in rear*
2. Numbers of stories *1 story*
3. Number of feet in height *9 ft*
4. Depth, thickness, and materials of foundation walls *\_\_\_\_\_*

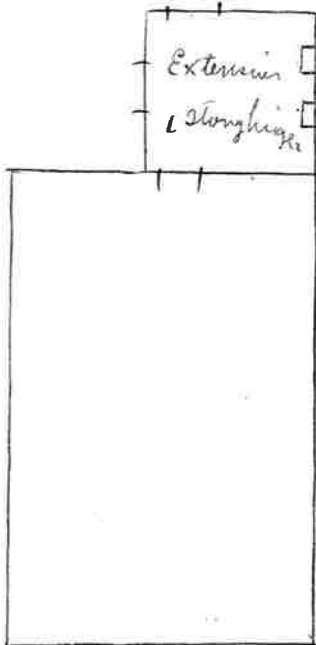
5. Height, thickness, and materials of upper walls *frame work with tin roof*

6. In what manner the extension is to be connected with the present building *one window to be altered to sash door*

If internal alterations are to be made, give definite particulars *The new Extension to be used as a kitchen connected with the saloon of 1<sup>st</sup> story*

If the front, rear, or side walls, or any portion of the same, are to be taken out and rebuilt, state in what manner,

Make diagrams showing present building and main points of proposed alterations or additions.



Give the probable cost of the proposed alteration *\$ 100.00*

That all materials and construction will be in conformity to the provisions of the law.

*yes*

REPORT UPON APPLICATION.

New York, April 9 1869

To the Superintendent of Buildings:

I respectfully report that I have examined the above-named premises, and find said building to be built of Brick, 4 stories, 40 feet in height, 25 feet front, 40 feet deep, flat roof. The foundation walls are built of stone, 20 inches thick; the upper walls are built of Brick 12 inches thick, and 40 feet in height from curb level.

all independent wall, party-wall, and cannot in a good and safe condition to be altered and enlarged in the manner proposed, and in conformity with the provisions of the several laws relating to buildings in the City of New York.

J. W. McManus Deputy Superintendent of Buildings.

REMARKS:

The alteration applied for is completed. It is very small but it is a violation of the Law unless done under special permit.

The building should be provided with a fire escape.

REPORT OF INSPECTOR.

New York, April 15<sup>th</sup> 1869

To the Superintendent of Buildings:

Work was commenced on the building described herein on the 7<sup>th</sup> day of April 1869, and completed on the 13<sup>th</sup> day of April 1869, and has been done in accordance with the plans and specifications except as noted below.

Respectfully submitted,

Peter Lewis Inspector.

REMARKS:

This building is completed & covered with fire proof materials.

P. Lewis



Special Appl. 246  
referred to Insp.  
Lorris. Apr 12/69

Com. and ord. and  
App. and ord.  
Lorris. Apr 12/69

1714

*Original*  
**PLANS AND SPECIFICATIONS  
FOR  
ALTERATIONS TO BUILDINGS.**

No. 385 Submitted Apr 8<sup>th</sup> 18 69  
I 1101x,

**LOCATION.**

539 E. 11<sup>th</sup> St  
Owner Paul Binder  
Architect Louis Burger  
Builder \_\_\_\_\_

Referred to Deputy Supt. Apr 8 18 69  
Returned by Deputy Supt. Apr 10 18 69  
Report  favorable.

New York, April 10 18 69

This is to Certify that I have examined the within  
plan and specification, and find the same \_\_\_\_\_ to be in  
accordance with the several laws relating to buildings  
in the City of New York; and that the same has been  
entered in the records of this Department.

\_\_\_\_\_  
*Superintendent of Buildings.*

Referred to Inspector Lorris  
May 10 18 69  
Returned April 15 18 69  
P. J. Morris  
*Inspector.*

Original

APPLICATION TO ALTER, REPAIR, ETC. Received. AUG 29 1887

B405  
L43

Application is hereby made to alter as per subjoined detailed statement of specification for Alterations, Additions or Repairs to buildings already erected, and herewith submit Plans and Drawings of such proposed alterations; and do hereby agree that the provisions of the Building Law will be complied with, whether the same are specified herein or not.

(Sign here) Joseph Lilyer

NEW YORK, August 29 1887

- 1. State how many buildings to be altered, \_\_\_\_\_
- 2. What is the street or avenue and the number thereof? ONE 539 East 11th
- 3. How much will the alteration cost, \$ Twelve Hundred Dollars

GIVE THE FOLLOWING INFORMATION AS TO THE PRESENT BUILDING:

- 1. Size of lot on which it is located, No. feet front, 25; feet rear, 25; feet deep, 100
- 2. Size of building, No. of feet front, 25; feet rear, 25; feet deep, 45; No. of stories in height, 4; No. of feet in height, from curb level to highest point of beams, 42
- 3. Material of building, Brick; material of front, Brick (Philadelphia)
- 4. Whether roof is peak, flat, or mansard? Flat
- 5. Depth of foundation walls 10 feet; thickness of foundation walls, 20 in.; materials of foundation walls, Stone and mortar
- 6. Thickness of upper walls, 12 inches. Material of upper walls, Lime Mortar
- 7. Whether independent or party-walls, Independent one side party on the other
- 8. How the building is occupied, 2 stories and 4 families

IF TO BE RAISED OR BUILT UPON, GIVE THE FOLLOWING INFORMATION:

- 1. How many stories will the building be when raised? \_\_\_\_\_
- 2. How high will the building be when raised? \_\_\_\_\_
- 3. Will the roof be flat, peak or mansard? \_\_\_\_\_
- 4. What will be the thickness of wall of additional stories? \_\_\_\_\_ story, \_\_\_\_\_ inches; \_\_\_\_\_ story, \_\_\_\_\_ inches.
- 5. Give size and material of floor beams of additional stories; \_\_\_\_\_ 1st tier, \_\_\_\_\_, \_\_\_\_\_ x \_\_\_\_\_; \_\_\_\_\_ 2d tier, \_\_\_\_\_, \_\_\_\_\_ x \_\_\_\_\_. Distance from centres on \_\_\_\_\_ tier, \_\_\_\_\_ inches; \_\_\_\_\_ tier \_\_\_\_\_ inches.
- 6. How will the building be occupied? \_\_\_\_\_

IF TO BE EXTENDED ON ANY SIDE, GIVE THE FOLLOWING INFORMATION:

- 1. Size of extension, No. feet front, \_\_\_\_\_; feet rear, \_\_\_\_\_; feet deep, \_\_\_\_\_; No. of stories in height, \_\_\_\_\_; No. of feet in height, \_\_\_\_\_.
- 2. What will be the material of foundation walls of extension, \_\_\_\_\_. What will be the depth, \_\_\_\_\_ feet. What will be the thickness, \_\_\_\_\_ inches.
- 3. Will foundation be laid on earth, rock, timber or piles, \_\_\_\_\_

IF TO BE EXTENDED ON ANY SIDE, GIVE THE FOLLOWING INFORMATION:

4. What will be the base—stone or concrete? ..... If base stones, give size, and how laid  
..... If concrete, give thickness, .....
5. What will be the sizes of piers? .....
6. What will be the thickness of upper walls in 1st story ..... inches; 2d story, ..... inches;  
3d story, ..... inches; from thence to top, ..... inches; and of what materials to  
be constructed, .....
7. Whether independent or party-walls; if party-walls, give thickness thereof, 12 inches.
8. With what material will walls be coped? .....
9. What will be the materials of front? Philadelphia ..... If of stone, what kind  
Give thickness of front ashlar, ....., and thickness of backing thereof, .....
10. Will the roof be flat, peak, or mansard? Flat
11. What will be the materials of roofing? Tin
12. Give size and material of floor beams, 1st tier, ....., x .....; 2d tier, .....,  
x .....; 3d tier, ....., x .....; 4th tier, ....., x .....; 5th  
tier, ....., x .....; 6th tier, ....., x .....; roof tier, .....,  
x ..... State distance from centres on 1st tier ..... inches; 2d tier, ..... inches;  
3d tier, ..... inches; 4th tier, ..... inches; 5th tier, ..... inches; 6th tier,  
..... inches; roof tier, ..... inches.
13. If floors are to be supported by columns and girders, give the following information: Size and  
material of girders under 1st floor, ....., x ..... under upper floors, .....,  
..... Size and material of columns under  
1st floor, ..... under upper floors, .....
14. If the front, rear or side walls are to be supported, in whole or in part, by iron girders or lintels,  
give definite particulars, .....
- .....
- .....
15. If girders are to be supported by brick piers and columns, state the size of piers and columns.  
.....
16. How will the extension be connected with present or main building? .....
- .....
- .....
17. How will the extension be occupied? If for dwelling purposes, state how many families are to  
occupy each floor, .....

IF ALTERED INTERNALLY, GIVE DEFINITE PARTICULARS AND STATE HOW THE  
BUILDING WILL BE OCCUPIED:

.....  
.....  
.....

IF THE FRONT, REAR, OR SIDE WALLS, OR ANY PORTION THEREOF, ARE TO BE  
TAKEN OUT AND REBUILT, GIVE DEFINITE PARTICULARS, AND STATE IN  
WHAT MANNER:

To put in a new front consisting of 2 corner piers with Philadelphia  
brick and caps, two columns 8' high in fact by 12 inch in depth  
two 12 inch wrought iron beams 4' x 12 inch; all above to be  
12 inch brick well faced with Philadelphia brick all new windows  
frames & shutters also a new tin cornice



Owner, Geo. H. Stonebridge Address 77 E 83 St  
 Architect, \_\_\_\_\_ Address \_\_\_\_\_  
 Mason, Joseph Dilzer Address 65 Rivington St Brooklyn Es  
 Carpenter \_\_\_\_\_ Address \_\_\_\_\_

**REPORT UPON APPLICATION.**

**Fire Department, City of New York,  
 BUREAU OF INSPECTION OF BUILDINGS.**

NEW YORK, Sept 8 1884

To the Superintendent of Buildings:

I respectfully report that I have thoroughly examined the foregoing-described building, and find the same to be built of brick, 40 feet in height, 25 feet front, 45 feet deep, glass roof. I have thoroughly examined and measured the walls, and find the foundation walls to be built of stone, 20 inches thick; the upper walls are built of brick 12"

and that the mortar in said walls is lime and that all the walls are lime

(The Inspector must here state what defects, if any, are in the walls, beams or other part of the building)

I find no unsafe slip recommending the proposed work to be done as mentioned in application

John O'Donnell Inspector.

**THE BUILDING LAW REQUIRES**

- 1st—All stone walls must be properly boarded.
- 2d—All skylights, over 3 feet square, must be of iron and glass.
- 3d—All buildings over 2 stories or above 25 feet in height, *except dwellings and churches*, on streets less than 30 feet wide, must have iron shutters on *every* window and opening above the 1st story. The front windows on streets over 30 feet wide are exempted.

Form No. 3.—1887.

**FIRE DEPARTMENT, CITY OF NEW YORK.  
 BUREAU OF INSPECTION OF BUILDINGS.**

City and County of New York } ss. Plan No 1650 Buildings, 101  
George H. Stonebridge Residing at the S.W. Corner of 83 St + 4 Avenue  
 in the City of New York in the State of New York  
 do hereby depose and say that he is the owner  
 of the premises known and designated as No 539 East Eleventh Street

in the City of New York; and that the work proposed to be done upon the said premises, in accordance with the accompanying plans and specifications is authorized by me and that

Joseph Dilzer

is authorized by me to make application for a permit for the proposed work in my behalf, And I further depose and say, that no other person or persons than those hereinafter named, with their several addresses, are in any manner interested in the said work, as owners, executors, administrators or other legal representatives.

Subscribed and sworn to before me, this 27th day of August A. D. 88 George H. Stonebridge  
Notary Public

*Original*

FIRE DEPARTMENT, CITY OF NEW YORK,  
Bureau of Inspection of Buildings.  
Detailed Statement of Specification  
FOR  
ALTERATIONS TO BUILDINGS.

No. *1630* Submitted *Augt 29* 1887

*Ind* LOCATION  
*No*  
*539 East 11<sup>th</sup> Street*  
Owner *George H. Stonebridge*  
Architect *Joseph Leibfer*  
Builder *Lois*

Received by *O'Donnell* *Sept 7* 1887  
Returned by *1-9* 1887  
Report *favorable.*

FINAL REPORT.

NEW YORK, *Oct 1<sup>st</sup>* 1887

To the Superintendent of Buildings:

Work was commenced on the within described building on the *7<sup>th</sup>* day of *Sept* 1887 and completed on the *30<sup>th</sup>* day of *Sept* 1887 and has been done in accordance with the foregoing detailed statement, except as noted below.

*John O'Donnell*  
Inspector.

REMARKS:

Referred to Inspector *S. J. ...*

Returned *Oct 1<sup>st</sup>* 1887  
*John O'Donnell*  
Inspector.

New York, *Sept 9* 1887

This is to certify that I have examined the within detailed statement, together with the copy of the plans relating thereto, and find the same to be in accordance with the provisions of the laws relating to Buildings in the City of New York, that the same has been approved, and entered in the records of this Bureau.

*acting Superintendent of Buildings.*

Lined area for handwritten notes or signatures.



Owner, Geo H. Stonebridge Address 72 E. 83<sup>rd</sup> St  
 Architect, Address  
 Mason, Joseph Wibyer Address 65 Boreum St Brooklyn Cts  
 Carpenter, Address

## REPORT UPON APPLICATION.

### Fire Department, City of New York, BUREAU OF INSPECTION OF BUILDINGS.

NEW YORK, Sept. 8<sup>th</sup> 1887

To the Superintendent of Buildings:

I respectfully report that I have thoroughly examined the foregoing-described building, and find the same to be built of brick 40 feet in height, 25 feet front, 45 feet deep, flat roof. I have thoroughly examined and measured the walls, and find the foundation walls to be built of stone 20 inches thick; the upper walls are built of brick 12<sup>2</sup>

and that the mortar in said walls is See below and that all the walls are See below  
 (The Inspector must here state what defects, if any, are in the walls, beams or other part of the building)

I hold an unsafe slip recommending the proposed work to be done as mentioned in application.

John O'Donnell Inspector.

#### THE BUILDING LAW REQUIRES

- 1st—All stone walls must be properly bonded.
- 2d—All skylights, over 3 feet square, must be of iron and glass.
- 3d—All buildings over 2 stories or above 25 feet in height, *except dwellings and churches*, on streets less than 30 feet wide, must have iron shutters on *every* window and opening above the 1st story. The front windows on streets over 30 feet wide are exempted.
- 4th—Outside fire escapes are required on all dwelling houses over two stories in height, occupied or built to be occupied by two or more families on any floor above the first, and on office buildings, hotels, lodging houses and factories; and *the balconies of such fire escapes must take in one window of each suite of apartments*, all to be constructed as follows:

BRACKETS must not be less than  $\frac{1}{2}$  x  $1\frac{1}{2}$  inches wrought iron, placed edgewise, or  $1\frac{1}{2}$  inch angle iron, well braced, and not more than three feet apart, and the braces to brackets must be not less than  $\frac{1}{4}$  inch square wrought iron, and must extend two-thirds of the width of the respective brackets or balconies. In all cases the brackets must go through the wall, and be turned down three inches.

BRACKETS ON NEW BUILDINGS must be set as the walls are being built. When brackets are to be put on old houses, the part going through the wall shall not be less than one inch diameter, with screw nuts and washers not less than five inches square and  $\frac{1}{2}$  inch thick.

TOP RAILS—The top rail of balcony must be  $1\frac{1}{2}$  inch x  $\frac{1}{2}$  inch wrought iron, and in all cases must go through the walls, and be secured by nuts and 4 inch square washers, at least  $\frac{1}{2}$  inch thick, and no top rail shall be connected at angles by the use of cast iron.

BOTTOM RAILS—Bottom rails must be  $1\frac{1}{2}$  inch x  $\frac{1}{2}$  inch wrought iron, well leaded into the wall. In frame buildings the top rails must go through the studding and be secured on the inside by washers and nuts as above.

FILLING-IN-BARS.—The filling-in bars must be not less than  $\frac{1}{2}$  inch round or square wrought iron, placed not more than 6 inches from centres, and well riveted to the top and bottom rails.

STAIRS—The stairs in all cases must be not less than 18 inches wide, and constructed of  $\frac{1}{2}$  x  $3\frac{1}{2}$  inch wrought iron sides or strings. Steps may be of cast iron of the same width of strings, or  $\frac{3}{4}$  inch round iron, double rungs, and well riveted to the strings. The stairs must be secured to a bracket on top and rest on and be secured to a bracket or extra cross bar at the bottom. All stairs must have a  $\frac{1}{2}$  inch hand rail or wrought iron, well braced.

FLOORS—The flooring of balconies must be of wrought iron  $1\frac{1}{2}$  x  $\frac{3}{4}$  inch slats placed not over  $1\frac{1}{2}$  inches apart, and secured to iron battens  $1\frac{1}{2}$  x  $\frac{3}{4}$  inch, not over three feet apart and riveted at the intersection. The openings for stairways in all balconies shall not be less than 20 inches wide and 36 inches long, and have no covers.

DROP LADDERS.—Drop ladders from lower balconies where required shall not be less than 14 inches wide, and shall be made of  $1\frac{1}{2}$  x  $\frac{3}{4}$  inch sides and  $\frac{3}{4}$  inch rungs of wrought iron. In no case shall a drop ladder be more than 12 feet in length. In no case shall the ends of balconies extend more than nine inches over the brackets.

SCUTTLE LADDERS.—Ladders to scuttles shall be constructed in all cases the same as the stairs or step-ladders from balconies of fire escapes. THE HEIGHT OF RAILING around balconies shall not be less than two feet nine inches.

In constructing all balcony fire escapes, the manufacturer thereof shall securely fasten to each balcony in a conspicuous place, a CAST IRON PLATE having suitable raised letters on same, to read as follows:

“NOTICE! ANY PERSON PLACING ANY INCUMBRANCE ON THIS BALCONY IS LIABLE TO A PENALTY OF TEN DOLLARS AND IMPRISONMENT FOR TEN DAYS.”

~~No~~ No Fire Escape will be approved by this Bureau if not in accordance with above specifications.

5th—All walls must be coped with stone or terra cotta. If coped with stone, the stone must not be less than  $2\frac{1}{2}$  inches thick; and if with terra cotta, the terra cotta must be made with proper lap joints.

6th—Roofs must be covered with fire-proof material.

7th—All cornices must be fire-proof.

8th—All FURNACE FLUES OF DWELLING HOUSES shall have at least eight inch walls on each side. The inner four inches from the bottom of flue to the top of the second tier of floor beams, shall be built of fire-brick laid with fire-clay mortar. No furnace flue shall be of less size than eight inches square, or four inches wide and sixteen inches long, inside measure. When furnace flues are located in the usual chimney stacks, the side of the flue inside of the house to which it belongs may be four inches thick. If preferred, the furnace flues may be made of cast iron or fire-clay pipe of proper size built in the walls, with an air space of not less than one inch between said pipes, and four inches of brick wall on the outside.

All BOILER FLUES must be lined with fire-brick at least fifteen feet in height from the bottom, and in no case shall the walls of said flues be less than eight inches thick.

All flues not built for furnace or boiler flues must be altered to conform to the above requirements before they are used as such.

9th—No iron beam, lintel, or girder, intended to span an opening over eight feet, or iron post, or column, intended to support a wall of stone or brick, or any floor or part thereof, shall be used for that purpose, *until tested and approved* as provided by law.

**FIRE DEPARTMENT, CITY OF NEW YORK,**  
Bureau of Inspection of Buildings.  
**Detailed Statement of Specification**  
FOR  
**ALTERATIONS TO BUILDINGS.**

No. **1630** Submitted **Aug 29** 1887  
LOCATION

**539 East 11<sup>th</sup> Street**  
Owner **George H. Stonebridge**  
Architect **Joseph Hiltner**  
Builder **Geo**

Received by **Aug 29** 1887  
Returned by **" " 9** 1887  
Report. **favorable.**

**FINAL REPORT.**  
NEW YORK **Oct 14** 1887

To the Superintendent of Buildings :

Work was commenced on the within described building on the **9<sup>th</sup>** day of **Sept** 1887 and completed on the **30** day of **Sept** 1887, and has been done in accordance with the foregoing detailed statement, except as noted below.

**J. O. Donnell**  
Inspector.

REMARKS:

Referred to Inspector **S. J. J. J.**  
**Sept 9** 1887  
Returned **1887**

Inspector.

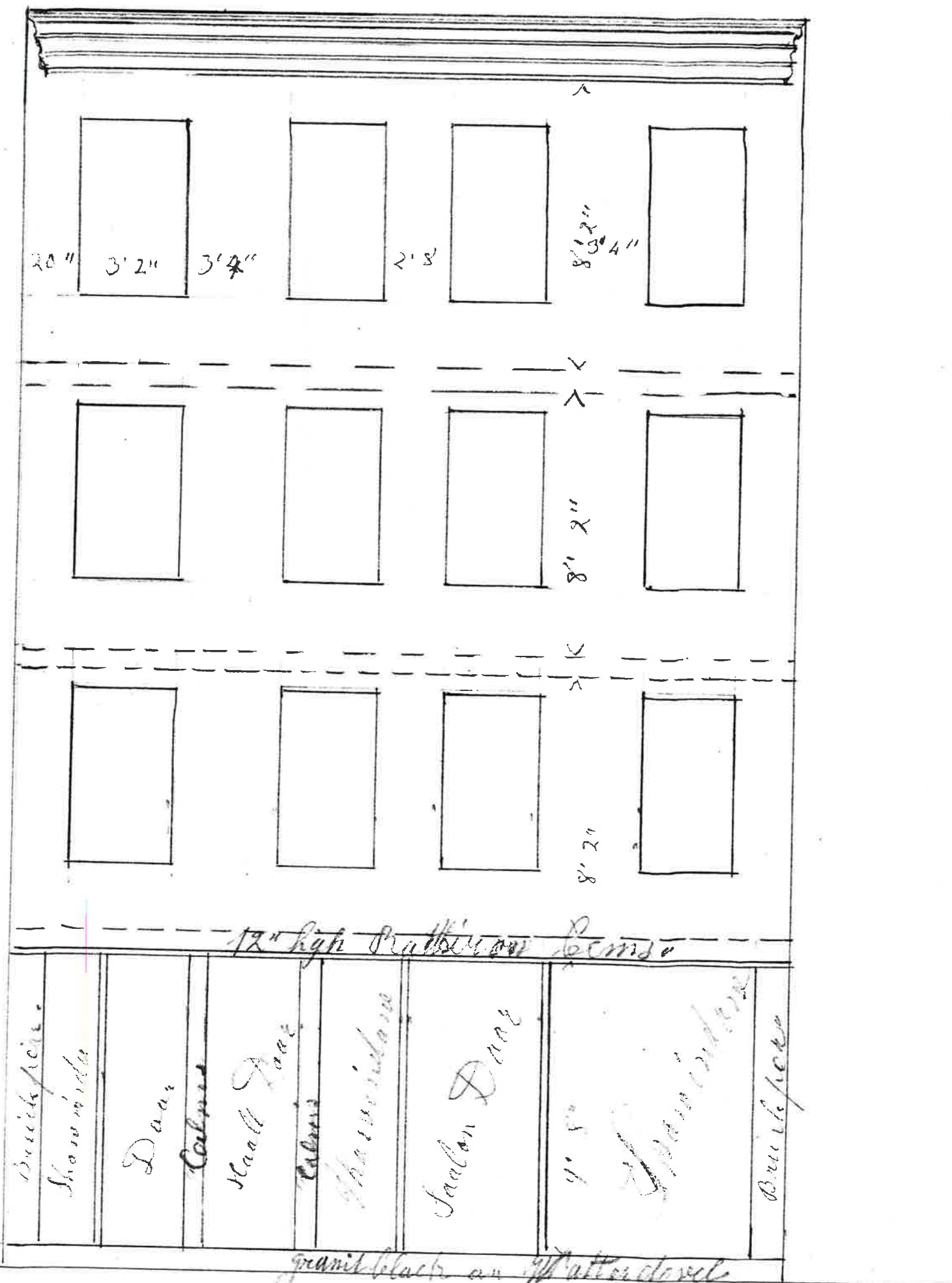
New York **Sept 9** 1887

This is to certify that I have examined the within detailed statement, together with the copy of the plans relating thereto, and find the same to be in accordance with the provisions of the laws relating to Buildings in the City of New York, that the same has been approved, and entered in the records of this Bureau.

**W. H. T. T.**  
Superintendent of Buildings.

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12" high Rubbed or Beaded

Buikpica  
 Shawinda  
 Daar  
 Calpas  
 Small Door  
 Calpas  
 Shawinda  
 Small Door  
 Shawinda  
 Buikpica

granite black on water doped

Alt 1630 1887

Elevation of front of House of el'53, Et 11 4



ORIGINAL

844

Office of the Borough President of the Borough of Manhattan, In The City of New York.

THE BUREAU OF BUILDINGS FOR THE BOROUGH OF MANHATTAN, Office, No. 220 FOURTH AVENUE, S. W. Corner 18th Street.

Plan No. 844

APPLICATION FOR ERECTION OF BRICK BUILDINGS.

Application is hereby made to the Superintendent of Buildings of The City of New York, for the Borough of Manhattan, for the approval of the detailed statement of the specifications and plans herewith submitted, for the erection of the building herein described. All provisions of the law shall be complied with in the erection of said building whether specified herein or not.

(Sign here) [Signature]

THE CITY OF NEW YORK,

BOROUGH OF MANHATTAN, December 20 1909

- 1. State how many buildings to be erected: One
2. What is the exact location thereof? (State on what street or avenue; the side thereof, the number of feet from the nearest street or avenue, and the name thereof): 539 East 11th St N.S. East 11th 471'6" E. from Avenue A
3. Will the building be erected on the front or rear of lot?: Rear (in yard)
4. How to be occupied?: Out house
5. Size of lot?: 24'9" feet front; 24'9" feet rear; 106'9" feet deep.
6. Size of building?: 13'4" feet front; 13'4" feet rear; 7'7" feet deep.
7. What is the character of the ground: rock, clay, sand, etc.?: Earth
8. Will the foundation be laid on earth, rock, timber or piles?:
9. Will there be a cellar?: yes (vault)
10. What will be the base, stone or concrete?: concrete
11. What will be the depth of foundation walls below curb level or surface of ground?: at least 4'6"
12. Of what will foundation walls be built?: Brick & stone
13. Give thickness of foundation walls: front, 12 inches; sides, 12 inches; rear, 12 inches; party, inches.
14. Will interior supports be brick partition walls or piers, iron columns or wooden posts?
15. If piers, give thickness of cap stones or plates bond stones or plates

16. Give base course, width and thickness 24" x 12"

17. Will any part of front, side or rear wall, be supported on piers in cellar? \_\_\_\_\_

Give size: front \_\_\_\_\_ size of base course \_\_\_\_\_  
rear \_\_\_\_\_ " " " \_\_\_\_\_  
side \_\_\_\_\_ " " " \_\_\_\_\_

Size of cap stones \_\_\_\_\_ size of bond stones \_\_\_\_\_

18. Of what materials will the upper walls be constructed? Brick

What will be thickness of upper walls, exclusive of ashlar, if any?

|            | Basement: front | inches | rear | inches | side | inches | party | inches |
|------------|-----------------|--------|------|--------|------|--------|-------|--------|
| 1st story: | "               | 8      | "    | 8      | "    | 8      | "     | "      |
| 2d story:  | "               |        | "    |        | "    |        | "     | "      |
| 3d story:  | "               |        | "    |        | "    |        | "     | "      |
| 4th story: | "               |        | "    |        | "    |        | "     | "      |
| 5th story: | "               |        | "    |        | "    |        | "     | "      |
| 6th story: | "               |        | "    |        | "    |        | "     | "      |
| 7th story: | "               |        | "    |        | "    |        | "     | "      |

19. What will be the materials of the front? \_\_\_\_\_ If of stone, what kind? \_\_\_\_\_ If ashlar, give thickness \_\_\_\_\_

20. Will flues be lined with pipe or have 8 inches of brick around the same? \_\_\_\_\_

21. Will any wall be supported on iron or steel girders? \_\_\_\_\_

|           | Front, material | size | weight or thickness |
|-----------|-----------------|------|---------------------|
| Side,     | "               | "    | "                   |
| Rear,     | "               | "    | "                   |
| Interior, | "               | "    | "                   |

Will any wall be supported on iron or steel columns? \_\_\_\_\_

|           | Front, material | size | weight or thickness |
|-----------|-----------------|------|---------------------|
| Side,     | "               | "    | "                   |
| Rear,     | "               | "    | "                   |
| Interior, | "               | "    | "                   |

22. Give material of girders \_\_\_\_\_ of columns \_\_\_\_\_

|              | Under 1st tier, size of girders | size of columns |
|--------------|---------------------------------|-----------------|
| " 2d tier,   | "                               | "               |
| " 3d tier,   | "                               | "               |
| " 4th tier,  | "                               | "               |
| " 5th tier,  | "                               | "               |
| " Roof tier, | "                               | "               |

23. Give material, size and distance on centres of floor beams. 3" x 4" Apr 13 12/29/9

|            | 1st tier, material | size           | distance on centres |
|------------|--------------------|----------------|---------------------|
| 2d tier,   | "                  | "              | "                   |
| 3d tier,   | "                  | "              | "                   |
| 4th tier,  | "                  | "              | "                   |
| 5th tier,  | "                  | "              | "                   |
| 6th tier,  | "                  | "              | "                   |
| 7th tier,  | "                  | "              | "                   |
| 8th tier,  | "                  | <u>3" x 6"</u> | "                   |
| Roof tier, | <u>Spruce</u>      | <u>2" x 6"</u> | <u>20"</u>          |

Give thickness of headers \_\_\_\_\_ of trimmers \_\_\_\_\_

24. Specify construction of floor filling \_\_\_\_\_