

PLAN No. 573

*Original*

REC'D Inspector of Buildings, MAR 31 1885

I hereby make application to alter as per subjoined

# Detailed Statement of Specification for Alterations, Additions, or Repairs to Buildings already Erected,

and herewith submit a full set of Plans and Drawings of proposed Alterations.

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430

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1. State how many buildings to be altered, One
2. What is the Street or Avenue and the number thereof, SW. Corner of 9<sup>th</sup> Street & Avenue A.
3. How much will the alteration cost, \$ 1500.<sup>00</sup>/<sub>100</sub>

## PRESENT BUILDING.

Give the following information as to the present building:

1. Size of lot on which it is located, No. feet front, 27 feet rear, 27; feet deep, .....
2. Size of building, No. of feet front, 27; feet rear, 27; feet deep, 47; No. of stories in height, four; No. of feet in height, from curb level to highest point, 46'-0
3. Material of building, brick; Material of front, brick
4. Whether roof is peak, flat, or mansard, flat
5. Depth of foundation walls, 10 feet; thickness of foundation walls, 20 inches; materials of foundation walls, quarried blue building stone & cement
6. Thickness of upper walls, 12 inches. Material of upper walls, brick
7. Whether independent or party-walls, independent
8. How the building is occupied, as a dwelling

## HOW TO BE ALTERED.

### IF RAISED OR BUILT UPON,

Give the following information:

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

## IF 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, .....

*Approved by the Inspector*

## IF 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 sizes of the base of piers, \_\_\_\_\_
7. 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, \_\_\_\_\_
8. Whether independent or party-walls ; if party-walls, give thickness thereof, \_\_\_\_\_ inches.
9. With what material will walls be coped, \_\_\_\_\_
10. What will be the materials of front, \_\_\_\_\_ ; if of stone, what kind, \_\_\_\_\_  
Give thickness of front ashlar, \_\_\_\_\_, and thickness of backing thereof, \_\_\_\_\_
11. Will the roof be flat, peak, or mansard, \_\_\_\_\_
12. What will be the materials of roofing, \_\_\_\_\_
13. Give size and material of floorbeams, 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.
14. 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, \_\_\_\_\_
15. If the front, rear or side walls are to be supported, in whole or in part, by iron girders or lintels, give  
definite particulars, \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
16. If girders are to be supported by brick piers and columns, state the size of piers and columns  
\_\_\_\_\_  
\_\_\_\_\_
17. How will the extension be connected with present or main building, \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
18. 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 ; and if for a dwelling, state by how many families.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## 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,

*The stone pier on front of window (A) of first story to be taken out and the wall above to be supported by corrugated iron girders made of two 12 1/4" light wrought iron rolled beams weighing 125 lbs per yard each, strong by bolted and bolted.*

*The above girders shall be supported by two cast iron columns 6" diameter cast 1" thick and one cast iron column 8" diameter cast 1" thick with top & bottom flanges, also one post 12" x 12" in size cast 1" thick as per plan.*



Owner, Jacob Schlosser Address, 364 E 50<sup>th</sup> Street  
Architect, Robert Hoffmann Address, 153 4<sup>th</sup> Avenue  
Mason, \_\_\_\_\_ Address, \_\_\_\_\_  
Carpenter, \_\_\_\_\_ Address, \_\_\_\_\_

(The following *must be signed* by the party authorized to submit this detailed statement and the accompanying plans and drawings.)

New York, March 30<sup>th</sup> 1885

I do hereby agree that the provisions of the Building Law *will be complied with* in the alterations of the building herein described, *whether the same are specified herein or not.*

(Sign here)

## REPORT UPON APPLICATION.

Fire Department, City of New York,

BUREAU OF INSPECTION OF BUILDINGS.

NEW YORK, April 2<sup>nd</sup> 1885

To the Inspector of Buildings.

I respectfully report that I have thoroughly examined the foregoing described building and find the same to be built of brick 5 stor ies, 55 feet in height, 27 feet front, 59 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 inches thick, and \_\_\_\_\_ feet in height, and that the mortar in said walls is \_\_\_\_\_ hard and good, and that all the walls are \_\_\_\_\_ in a good and safe condition.

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

No defects in said building

Theodore W. Daily Examiner.

### NOTICE TO OWNERS, ARCHITECTS AND BUILDERS.

#### THE BUILDING LAW REQUIRES

- 1st.—All stone walls must be properly bonded.
- 2d.—All skylights over 3 square feet must be of iron and glass.
- 3d.—All buildings over 2 stories or above 25 feet in height, *except dwellings and churches*, must have iron shutters on *every* window and opening above the first story.
- 4th.—Outside fire escapes are required on all tenement, flat and apartment houses, office buildings, 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  $\frac{1}{2}$  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 up 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 of 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.

**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 iron. If coped with stone the stone must not be less than  $2\frac{1}{2}$  inches thick, and if with iron, the iron must not be less than  $\frac{1}{2}$  inch thick, and turned down at least  $1\frac{1}{2}$  inches at edges.

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

7th.—All cornices must be fire proof.

8th.—All furnace and boiler flues must be constructed as follows:

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 a point two feet above the second story floor, 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 twenty-five 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.

*Original*  
FIRE DEPARTMENT, CITY OF NEW YORK.

Bureau of Inspection of Buildings.

Detailed Statement of Specification

FOR  
ALTERATIONS TO BUILDINGS.

No. *573* Submitted *March 31<sup>st</sup>* 1885

LOCATION

*W. cor of 9<sup>th</sup> Street  
& Ave. C.*

Owner *Jacob Schlosser*

Architect *Jacob Hoffmann*

Builder

Referred to *March 31<sup>st</sup>* 1885

Returned by *April 7<sup>th</sup>* 1885

Report..... favorable.

FINAL REPORT.

NEW YORK, *May 1<sup>st</sup>* 1885

To the Inspector of Buildings:

Work was commenced on the within described building on the *8* day of *April* 1885 and completed on the *27* day of *April* 1885, and has been done in accordance with the foregoing detailed statement, except as noted below.

*John C. Donnell*  
Examiner.  
REMARKS.

*+ wings inside.*

New York, *April 7* 1885

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.

*A. F. Donck*  
Inspector of Buildings.

Referred to Examiner *John C. Donnell*

*April 7<sup>th</sup>* 1885

Returned *May 2<sup>nd</sup>* 1885

*John C. Donnell*  
Examiner.

*File approved*



*Original* 2

Plan No. 1563

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APPLICATION TO ALTER, REPAIR, ETC.

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

(Sign here) *Chas Jacobs*  
*J. Reuter of Rike Archt*  
NEW YORK, August 22<sup>nd</sup> 189 1

- 1. State how many buildings to be altered. One
- 2. What is the street or avenue and the number thereof? Give diagram of property. N. 440 E. 9th Street
- 3. How much will the alteration cost? \$ 450<sup>00</sup>

GIVE THE FOLLOWING INFORMATION AS TO THE PRESENT BUILDING :

- 1. Size of lot on which it is located, No. of feet front, 26'6"; feet rear, 26'6"; feet deep, 27'6"
- 2. Size of building, No. of feet front, 26'6"; feet rear, 26'6"; feet deep, 27'6" No. of stories in height, 5; No of feet in height from curb level to highest point of beams, 47'6"
- 3. Material of building, Brick; material of front, Brick
- 4. Whether roof is peak, flat, or mansard, flat
- 5. Depth of foundation walls 10 feet; thickness of foundation walls, 20; materials of foundation walls, Stone
- 6. Thickness of upper walls, 12 inches. Material of upper walls, Brick
- 7. Whether independent or party walls, party wall at westerly side
- 8. How the building is or was occupied, 8 families

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

- 1. How many stories will the building be when raised? 5 Stories
- 2. How high will the building be when raised? 49'
- 3. Will the roof be flat, peak, or mansard? flat
- 4. What will be the thickness of wall of present 5th additional stories? is story, 12 inches; story, \_\_\_\_\_ inches.
- 5. Give size and material of floor beams of additional stories; present roof beams to be raised about 17 inches for new galvanized iron courses on front as shown in section 1st tier, \_\_\_\_\_ inches; 2d tier, \_\_\_\_\_ inches. Distance from centres on \_\_\_\_\_ tier, \_\_\_\_\_ inches.
- 6. How will the building be occupied? 10 families

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, sand, 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 thickness and how laid,..... If concrete, give thickness,.....
5. What will be the sizes of piers?..... What will be the sizes of the base of piers?.....
6. What will be the thickness of upper walls? 1st story,..... inches ; 2d story..... inches ; 3d story,..... inches ; 4th story,..... inches ; 5th story,..... inches ; 6th story,..... inches ; 7th story,..... inches ; from thence to top,..... inches ; and of what materials to be constructed,.....
7. State whether independent or party-walls..... If party-walls give thickness thereof.....
8. With what material will walls be coped?.....
9. What will be the materials of front?..... If of stone, what kind?..... Give thickness of front ashlar..... Give thickness of backing.....
10. Will the roof be flat, peaked or mansard?.....
11. What will be the materials of roofing?.....
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..... ; 7th 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 ; 7th 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 each of the upper floors,..... Size and material of columns under first floor,..... under each of the 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.....
18. State who will superintend the alterations.....

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

*Set new partitions in present 5<sup>th</sup> story and have stair up to roof with brickwork above to be filled in with fire proof tiles  
Building will be occupied by 10 families*

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 :

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



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

City and County } ss. Plan No. 153 Buildings.

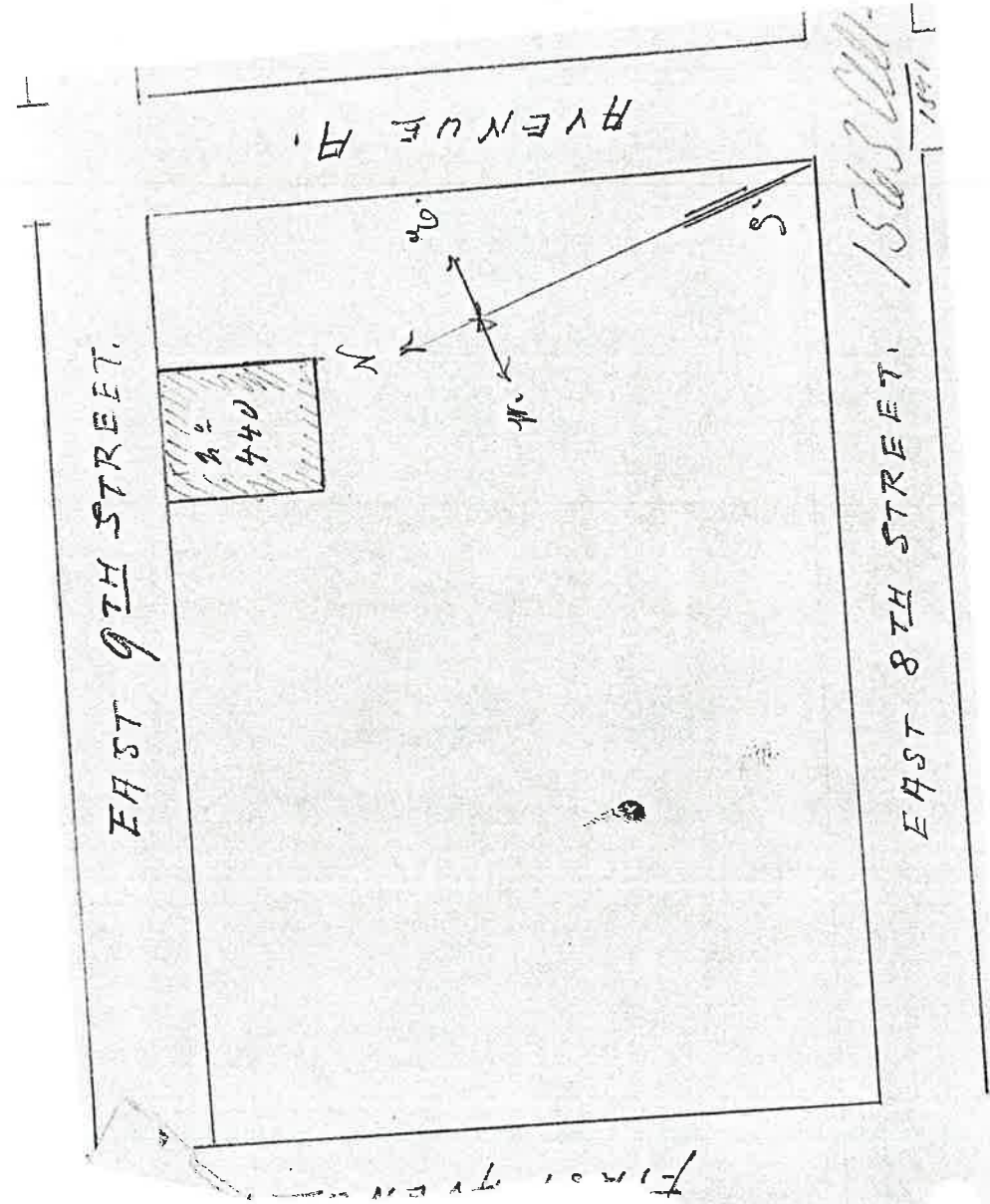
New York }  
I Elias Jacobs residing at 57 E 81 St  
 the City of New York State of New York  
 hereby depose and say that I am the Owner  
 of the premises known and designated as No 440 E. 9 Street.

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 Wm. Kautz and Robt. Architects cor. 3rd Ave & 7 Street Ct. 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 21<sup>st</sup> day of August A. D. 1891

Elias Jacobs  
Wm. Kautz, Notary Public  
1<sup>st</sup> County of New York





Owner Chas Jacobs Address 57 E 80<sup>th</sup> Street  
 Architect Rutgers + Roche Address cor. 3<sup>rd</sup> Ave + 7<sup>th</sup> Street  
 Mason Address \_\_\_\_\_  
 Carpenter Address \_\_\_\_\_

**REPORT UPON APPLICATION.**

BUREAU OF INSPECTION OF BUILDINGS,  
 NEW YORK, Aug 25 1891

To the Superintendent of Buildings:

I respectfully report that I have thoroughly examined and measured the building, walls, etc., named in the foregoing application, and found the foundation wall to be built of Stone 20 inches thick, 10 feet below curb, the upper wall built of Brick 12 inches thick, 27 feet deep, 47 feet in height, and that the mortar in said wall is hard and good, and that all the walls are in good and safe condition.

What is the nature of the ground? \_\_\_\_\_

What kind of sand was used in the mortar? Good material

How is or was the building occupied? Dwelling

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

The " " state the thickness of each wall in each and every story.)  
1 story wall 12" thick  
upper " 12 "

August Pinstoff Inspector.

**THE BUILDING LAW REQUIRES:**

- 1st—All stone walls must be properly bonded.
- 2d—All skylights having a superficial area of more than 9 square feet must be of iron and glass.
- 3d—All buildings over two stories or above 25 feet in height, *except dwellings, school houses, 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 dwellings more than four stories in height, occupied by three or more families above the first floor, and on office buildings, hotels and lodging houses, factories, mills, workshops, hospitals, asylums and schools, all to be constructed as follows:

**BALCONIES MUST NOT BE LESS THAN THREE FEET WIDE.**

**BRACKETS** must not be less than  $\frac{1}{2} \times 1\frac{3}{4}$  inches wrought iron, placed edgewise, or  $1\frac{3}{4}$  inch angle iron  $\frac{1}{4}$  inch thick, well braced, and not more than three feet apart, and the braces to brackets must be not less than  $\frac{3}{4}$  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  $1\frac{3}{4}$  inch  $\times$   $\frac{3}{8}$  inch wrought iron or  $1\frac{1}{2}$  inch angle iron  $\frac{1}{4}$  inch thick, and in all cases must go through the walls, and be secured by nuts and 4 inch square washers, at least  $\frac{3}{8}$  inch thick, and no top rail shall be connected at angles by the use of cast iron.

**BOTTOM RAILS.**—Bottom rails must be  $1\frac{1}{4}$  inch  $\times$   $\frac{3}{8}$  inch wrought iron or  $1\frac{1}{2}$  inch angle iron  $\frac{1}{4}$  inch thick, 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  $\frac{1}{4} \times 3\frac{1}{2}$  inch wrought iron sides or strings. Steps may be of cast iron of the same width of strings, or  $\frac{5}{8}$  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  $\frac{3}{4}$  inch hand rail of wrought iron, well braced.

**FLOORS.**—The flooring of balconies must be of wrought iron  $1\frac{1}{2} \times \frac{3}{8}$  inch slats placed not over  $1\frac{1}{4}$  inches apart, and secured to iron battens  $1\frac{1}{2} \times \frac{5}{8}$  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  $1\frac{1}{2} \times \frac{5}{8}$  inch sides and  $\frac{5}{8}$  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.

**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. No furnace flues shall be of less size than eight inches square, or four inches wide and sixteen inches long, inside measure. 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 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, intended to support a wall, shall be used for that purpose, *until tested and approved* as provided by law.



# Original

Fire Department City of New York.

Bureau of Inspection of Buildings.

## Detailed Statement of Specification

FOR

### ALTERATIONS TO BUILDINGS.

No. 1563 Submitted Aug 23 1891

#### LOCATION.

440 East 9th Street

Owner Chas Jacobs

Architect Kutger & Rohl

Builder \_\_\_\_\_

Received by Reinstated Aug 25 1891

Returned by \_\_\_\_\_ 26 1891

Report favorable

#### FINAL REPORT.

New York, Dec 1 1891

To the Superintendent of Buildings:

Work was commenced on the within described building on the 15 day of Sept 1891 and completed on the 15 day of November 1891, and has been done in accordance with the foregoing detailed statement, except as noted below.

August Bernstedt  
Inspector.

#### REMARKS:

Referred to Inspector Aug 26 1891

Returned December 2 1891

August Bernstedt  
Inspector.

NEW YORK, Aug 26 1891

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.

August Bernstedt  
Superintendent of Buildings.

Sept 11 1891.

Amended. The 1st story wall will be taken out and

have, one 12"x12", + one 16"x12"

posts to be put up, have

two 20" wrought iron beams

2 1/2 lbs. yd. to support front

wall above 1st story, all iron

work to be tested before set.

Have 12" high granite blocks

under iron posts of a depth

as respective piers. Have new

plate glass store front windows

to project 12" beyond building

line. Build new transoms

as shown on plans.

Kutger & Rohl archts

*Vertical handwritten notes:*  
Grady  
C. Bernstedt  
Aug 16 1891

*Handwritten notes at top right:*  
C. Bernstedt

SEP 20 1899

Applicant must indicate the Building Line or Lines clearly and distinctly on the Drawings.

Form No. 1897 C.L.  
Plan No. **436**

# APPLICATION TO ALTER, REPAIR, Etc.

3

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

(Sign here) James W. Cole

NEW YORK, Sept 20<sup>th</sup> 1899

1. State how many buildings to be altered. One
2. What is the street or avenue and the number thereof? Give diagram of property. No 440 East Ninth Street
3. How much will the alteration cost? \$ 500.00

### GIVE THE FOLLOWING INFORMATION AS TO THE PRESENT BUILDING :

1. Size of lot on which it is located, No. of feet front, 25 ; feet rear, 25 ; feet deep, 27
2. Size of building, No. of feet front, 25 ; feet rear, 25 ; feet deep, 27 No. of stories in height, 5 ; No. of feet in height from curb level to highest point of beams, 55
3. Material of building, brick ; material of front, brick
4. Whether roof is peak, flat, or mansard, flat
5. Depth of foundation walls 8 feet ; thickness of foundation walls, 20" ; materials of foundation walls, stone in cement, front is brick in cement
6. Thickness of upper walls, 12 inches. Material of upper walls, Brick in lime
7. Whether independent or party walls, Westerly wall is party wall
8. How the building is or was occupied, stores & dwelling for 8 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? .....

no more

### 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, sand, rock, timber or piles? .....