

Plan No. 451

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.

B-447
NEW YORK, March 24th 1892

(Sign here) Conrad Müller,
J. Kuntzer + Rohl,
Archts.

1. State how many buildings to be altered. One
2. What is the street or avenue and the number thereof? Give diagram of property. 321 - 5th Street
3. How much will the alteration cost? \$ 7400.00

BE 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, 100
2. Size of building, No. of feet front, 25; feet rear, 25; feet deep, 100. No. of stories in height, 4; No. of feet in height from curb level to highest point of beams, 31
3. Material of building, brick; material of front, brick
4. Whether roof is peak, flat, or mansard, flat
5. Depth of foundation walls 4 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, independent
8. How the building is or was occupied, Stable x feed store

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, _____, _____ 2d tier, _____, _____ 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, 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.
19. If buildings are to be removed, state the number.

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 :

*Present front wall to be taken down and put up new 12" front brick wall.
Have 7" light. Brought wrought iron beams over large opening in 1st story, and 12" high blue stone blocks under ends of beams.*

Owner Comrad Miller Address 325 - 5th Street
 Architect Kentzen Rose Address 3rd Ave + 7th Street
 Mason Address _____
 Carpenter Address _____

REPORT UPON APPLICATION.

BUREAU OF INSPECTION OF BUILDINGS,

NEW YORK, March 28th 189 2

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 _____ inches thick, _____ feet below curb, the upper wall built of Brick 8 inches thick, 98 feet deep. 30 feet in height, and that the mortar in said wall is not hard and good, and that all the walls are not in good and safe condition.

What is the nature of the ground? Good

What kind of sand was used in the mortar? _____

How is or was the building occupied? As Stable

(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.
The gable walls are bulged out of plumb and in a bad condition, the third story is about 50 feet deep and is built of wood resting on a beam 3x10

See Unsafe No 11 of 1891 -

John P. Reilly 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 $\frac{1}{4}$ x $1\frac{3}{4}$ inches wrought iron, placed edgewise, or $1\frac{1}{4}$ 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 $\frac{1}{4}$ inch thick.

TOP RAILS.—The top rail of balcony must be $1\frac{3}{4}$ inch x $\frac{3}{4}$ 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 $\frac{5}{8}$ 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 x $\frac{3}{4}$ 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 $\frac{1}{4}$ x $3\frac{1}{2}$ inch wrought iron sides or strings. Steps may be of cast iron of the same width of strings, or $\frac{3}{8}$ 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 $1\frac{1}{2}$ x $\frac{3}{4}$ inch slats placed not over 12 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 $\frac{5}{8}$ 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.

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. 312

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) Francis L. V. Hoppin Arch't.
James A. Kom.

THE CITY OF NEW YORK,

BOROUGH OF MANHATTAN, May, 1912

- State how many buildings to be erected one
- 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) North side of East 5th St.
250 ft East of 2nd Ave
Street Nos 321 & 323
- Will the building be erected on the front or rear of lot? front.
- How to be occupied? Police Station 15th Precinct If for dwelling, state the number of families in each house _____
- Size of lot? 50 feet front; 50 feet rear; 97'-0⁵/₈" feet deep.
Give diagram of same.
- Size of building? 50 feet front; 50 feet rear; 87¹/₂ feet deep.
Size of extension? 0 feet front; _____ feet rear; _____ feet deep.
Number of stories in height: main building? six Extension? _____
Height from curb level to highest point: main building? 87 feet. Extension? 0 feet.
- What is the character of the ground: rock, clay, sand, etc.? Earth
- Will the foundation be laid on earth, rock, timber or piles? Earth
- Will there be a cellar? yes
- What will be the base, stone or concrete? Concrete. If base stones, give size and thickness, and how laid _____ If concrete, give thickness See framing plans for footings and grillage.
- What will be the depth of foundation walls below curb level or surface of ground? 15 ft.
- Of what will foundation walls be built? Bricks laid in Portland cement mortar
- Give thickness of foundation walls: front, 24 inches; sides, 16 + 20 inches; rear 20 inches; party, 28 inches.
- Will interior supports be brick partition walls or piers, iron columns or wooden posts? Brick partitions and piers and iron col.
Give size of same See plans.
- If piers, give thickness of cap stones or plates Blue stone 5" thick
bond stones or plates Blue stone 5" thick

16. Give base course, width and thickness 2'-8" x 2'-8" x 12" thick
 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? Bricks laid in Port. Cement mortar
 What will be thickness of upper walls, exclusive of ashlar, if any?

	Basement, front	inches;	rear	inches;	side	inches;	party	inches.
1st story,	"	<u>12 x 16</u>	"	"	<u>16</u>	"	"	<u>12 x 16</u> " " <u>20 x 24</u> "
2d story,	"	<u>12 x 16</u>	"	"	<u>12</u>	"	"	" 12 <u>20</u> "
3d story,	"	<u>12 x 16</u>	"	"	<u>12</u>	"	"	" 12 <u>20</u> "
4th story,	"	<u>12 x 16</u>	"	"	<u>12</u>	"	"	" 12 <u>20</u> "
5th story,	"	<u>12 x 16</u>	"	"	<u>12</u>	"	"	" <u>12</u> "
6th story,	"	<u>12 x 16</u>	"	"	<u>12</u>	"	"	" <u>12</u> "
7th story,	"	_____	"	"	_____	"	"	" _____ "

✓ Cut Cast stone to be as manufactured by the Onondaga Litholite Co of Syracuse N.Y. as approved by the Bureau of Buildings Oct 2^d 1911

19. What will be the materials of the front? Cut Cast Stone. If of stone, what kind? _____ If ashlar, give thickness 4" x 8"

20. Will flues be lined with pipe or have 8 inches of brick around the same? 8" brick 4" fire bricks - 25 ft high

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, " _____ " _____ " " " _____

See framing plan for

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,	" " _____	"	" " _____

Steel works.

23. Give material, size and distance on centres of floor beams.

	1st tier, material	;	size	;	distance on centres
2d tier,	" _____	"	" _____	"	" _____
3d tier,	" _____	"	" _____	"	" _____
4th tier,	" _____	"	" _____	"	" _____
5th tier,	" _____	"	" _____	"	" _____
6th tier,	" _____	"	" _____	"	" _____
7th tier,	" _____	"	" _____	"	" _____
8th tier,	" _____	"	" _____	"	" _____
Roof tier,	" _____	"	" _____	"	" _____

Give thickness of headers _____ of trimmers _____

24. Specify construction of floor filling Reinforced Concrete.

- Is the building to be fireproof? Yes.
26. Of what material will partitions be built? Cross Tena-cotta blocks before and aft. Tena-cotta blocks.
27. Give material of skylights Copper-wired glass; size 5'-6" x 7'-0"
28. What will be the material of roofing? Slag-Copper & tile Will roof be flat, peak or mansard? flat.
29. What will be the material of dumb waiter shafts? _____
30. What will be the material of elevator shafts? 6" tena-cotta blocks.
31. What will be the material of cornices? Cut Cast Stone
32. What will be the material of bay windows? _____
33. What kind of fire escape will be provided? Fireproof stairs to be used as fire tower.
34. Will cellar be plastered? No How? _____
35. Will access to roof be by scuttle or bulkhead? Scuttle If by bulkhead, how constructed? _____
36. With what material will walls be coped? Tena-cotta tiles.
37. How will building be heated? Steam plant.
38. Is there any other building erected on lot or permit granted for one? no
 Size _____ x _____; height _____ feet. How occupied? _____
 Give distance between same and proposed building _____ feet.
39. Are any buildings to be taken down? no; how many? _____

If the building is to be occupied as a Flat, Apartment, Tenement or Lodging House, give the following particulars:

40. Is any part of building to be used as a store or for any other business purpose, if so, state for what?

	Cellar.	Base-ment	1st Floor	2d Floor	3d Floor	4th Floor	5th Floor	6th Floor	7th Floor
41. How many families will occupy each? - - -									
42. Height of ceilings? . - - - -									

43. How basement to be occupied? _____
 How made water-tight? _____
44. How will cellar stairs be enclosed? _____
45. How cellar to be occupied? _____
 How made water-tight? _____
46. Will shafts be opened or covered with louvre skylights full size of shafts? _____
 Size of each shaft? _____
47. Dimensions of water-closet windows? _____
 Dimensions of windows for living rooms? _____
48. Of what materials will hall partitions be constructed? _____
49. Of what materials will hall floors be constructed? _____

50. How plastered?
51. How will stairways be constructed? Give sizes of stair well holes?
52. If any other building on lot, give size: front _____; rear _____; deep _____; stories high _____; how occupied _____; on front or rear of lot _____; material _____.
How much space between it and proposed building? _____
53. How will floors and sides of water closets to the height of 16 inches be made waterproof? _____
54. Number and location of water closets: Cellar _____; 1st floor _____; 2d floor _____; 3d floor _____; 4th floor _____; 5th floor _____; 6th floor _____; 7th floor _____.
55. This building will safely sustain per superficial foot upon the 1st floor ⁹⁰~~120~~ lbs.; upon 2d floor 60 lbs.; upon 3d floor 60 lbs.; upon 4th floor 60 lbs.; upon 5th floor 60 lbs.; upon 6th floor 60 lbs.; upon 7th floor _____ lbs.; upon 8th floor _____ lbs.
56. What is the estimated cost of each building, exclusive of lot? \$ 166000.
57. What is the estimated cost of all the buildings, exclusive of lots? \$ _____
58. Is architect to supervise the erection of the building or buildings mentioned herein? _____
Name Hoppin & Horn
Address 244 Fifth Ave.
59. If not the architect, who is to superintend the erection of the building or buildings described herein?
Name _____
Address _____
- Owner, Police Depart. City of N.Y. Address, Rhineland, Waldo Comm., 240 Center St.
- Architect, Hoppin & Horn " 244 Fifth Ave.
- Mason, _____ " _____
- Carpenter, _____ " _____

If a Wall, or Part of a Wall already built is to be used, fill up the following:

THE CITY OF NEW YORK,
BOROUGH OF MANHATTAN, May 17, 1912

The undersigned gives notice that the intend to use the west wall of building

325 East Fifth St

as party wall in the erection of the building hereinbefore described, and respectfully requests that the

same be examined and a permit granted therefor. The foundation wall is built of brick

16 inches thick, 12 feet below curb; the upper wall is built of brick

12 inches thick, 86 feet deep, 59 feet in height.

(Sign here) Hoppin & Horn