FORM NO. 2.

PLAN No. 278 Original

B 449 L 37

APPLICATION TO ALTER, REPAIR, ETC.

7

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) C. W. Greis. Architect

NEW YORK, Feb. 24 1887

1. State how many buildings to be altered, One
2. What is the street or avenue and the number thereof, No. 117, 1st Avenue
3. How much will the alteration cost, $ 3,000 00.

GIVE THE FOLLOWING INFORMATION AS TO THE PRESENT BUILDING:

1. Size of lot on which it is located, No. feet front, 21 ; feet rear, 21 ; feet deep, 53.
2. Size of building, No. of feet front, 21 ; feet rear, 21 ; feet deep, 50 ; No. of stories in height, 4 & Cellar; No. of feet in height, from curb level to highest point of beams, 45' 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" ; 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 occupied, Store and Tenement

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?

9. What will be the materials of front? Brick. 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, spruce, 3 x 10; 2d tier, ——

—— x ——; 3d tier, —— x ——; 4th tier, ——, —— x ——; 5th tier,

——, —— x ——; 6th tier, ——, —— x ——; roof tier, spruce

3 x 9. State distance from centres on 1st tier, 16 inches; 2d tier, —— inches; 3d tier,

—— inches; 4th tier, —— inches; 5th tier, —— inches; 6th tier, —— inches;

roof tier, 20 inches.

13. If floors are to be supported by columns and girders, give the following information: Size and material of girders under 1st floor, spruce, 8 x 10 under upper floors, ——

—— Size and material of columns under 1st floor,

7" chestnut posts 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. The front and rear walls

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? Rear of main building to be taken out below second story as described below

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:

Entire first tier of beams to be dropped 9" as shown on section and 8" brick walls built against present bearing walls to support said tier of beams. A new girder of spruce 8" x 10" supported by 7" chestnut posts to be put under this tier of beams. New partitions of boards also studding to be built on first story as shown on plan. Bldg will be occupied as store and tenement.

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 front and rear walls to be taken out below 2nd story floor level and two 15 1/2" x 200 lb. rolled iron beams inserted. Beams to have cast iron separators etc. Beams in front to be supported by 12"x12" cast iron columns with top & bottom plates & granite base block all in accordance with law. Beams in rear to rest on joists in Bearing walls with granite blocks & bluestone bondstones as shown on section. New area to be built with coal slide & cellar entrance as shown on plans. New store front to be built. All castings to be one inch metal.

1. State how many buildings to be altered, One

2. What is the street or avenue and the number thereof, No. 117, 1st Avenue

3. How much will the alteration cost, $ 3,000 00

GIVE THE FOLLOWING INFORMATION AS TO THE PRESENT BUILDING:

1. Size of lot on which it is located, No. feet front, 21 ; feet rear, 21 ; feet deep, 93.

2. Size of building, No. of feet front, 21 ; feet rear, 21 ; feet deep, 40 ; No. of stories in height, 4 & cellar; No. of feet in height, from curb level to highest point of beams, 45' 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, Independent

8. How the building is occupied, Store and Tenement

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, 21 ; feet rear, 21 ; feet deep, 13 ; No. of stories in height, 1 & cellar; No. of feet in height, 11' 6" .

2. What will be the material of foundation walls of extension, Brick What will be the depth, 10 feet. What will be the thickness, 16" inches.

3. Will foundation be laid on earth, rock, timber or piles, Earth

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) E. W. Greis Archt

NEW YORK, Feb 24 1887

1. State how many buildings to be altered, One
2. What is the street or avenue and the number thereof, 117, 1st Ave
3. How much will the alteration cost, $ 3000 00

GIVE THE FOLLOWING INFORMATION AS TO THE PRESENT BUILDING:

1. Size of lot on which it is located, No. feet front, ...; feet rear, ...; feet deep, ...
2. Size of building, No. of feet front, ...; feet rear, ...; feet deep, ...; No. of stories in height, ...; No. of feet in height, from curb level to highest point of beams, ...
3. Material of building, ...; material of front, ...
4. Whether roof is peak, flat, or mansard, ...
5. Depth of foundation walls, ... feet; thickness of foundation walls, ...; materials of foundation walls, ...
6. Thickness of upper walls, ... inches. Material of upper walls, ...
7. Whether independent or party walls, ...
8. How the building is occupied, ...

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, 21; feet rear, 21; feet deep, 13; No. of stories in height, 1 + Cellar; No. of feet in height, 11' 6"
2. What will be the material of foundation walls of extension, Brick What will be the depth,

8. With what material will walls be coped? No coping under 15 in heights

9. What will be the materials of front? Brick. 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, Spruce, 3 x 10; 2d tier, x; 3d tier, , x; 4th tier, , x; 5th tier, , x; 6th tier, , x; roof tier, Spruce 3 x 9. State distance from centres on 1st tier, 16 inches; 2d tier, inches; 3d tier, inches; 4th tier, inches; 5th tier, inches; 6th tier, inches; roof tier, 20 inches.

13. If floors are to be supported by columns and girders, give the following information: Size and material of girders under 1st floor, Spruce, 8 x 10 under upper floors, Size and material of columns under 1st floor, 7" chestnuts foots 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? Rear of main building to be taken out below second story as described below

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:

Entire first tier of beams to be dropped 9" as shown on section and 8" brick walls built against present bearing walls to support said tier of beams, As new girder of Spruce 8"+10" supported by 7" chestnuts foots to be put under this tier of beams, new partitions of boards also studding to be built on first story as shown on plan. Bldg will be occupied as store and (Tenements)

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 front and rear walls to be taken out below 2d story floor level and two 15"/8"+2 00 lbs rolled iron beams inserted, Beams to have cast iron separators etc, Beams on front to be supported by 12"+12" cast iron columns with top and bottom plates + granite base block all in accordance with law beams on rear to rest on piers in bearing walls with granite blocks + bluestone bondstone as shown on section new area to be built with coal slide + cellar entrance as shown on plan new store front to be built all castings to be one inch metal

Owner, Isaac Koch Address, 107 Ave. C.

Architect, Ernest W. Gries Address, 8 Union Square.

Mason, Address,

Carpenter, Address,

REPORT UPON APPLICATION.

Fire Department City of New York,

BUREAU OF INSPECTION OF BUILDINGS.

NEW YORK, July 28 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 43 feet in height, 21 feet front, 38 feet deep, Tin 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 & 8' The front & rear walls are 12" Brick above 8" and that the mortar in said walls is good and that all the walls are

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

John Hayes *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 ¼x1¾ inches wrought iron, placed edgewise, or 1¾ inch angle iron, well braced, and not more than three feet apart, and the braces to brackets must be not less than ¾-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 ½ inch thick.

TOP RAILS.—The top rail of balcony must be 1¾-inch x ½-inch wrought iron, and in all cases must go through the walls, and be secured by nuts and 4-inch square washers, at least ⅜ inch thick, and no top rail shall be connected at angles by the use of cast iron.

BOTTOM RAILS.—Bottom rails must be 1¼-inch x ⅜-inch wrought iron, well leaded into the wall. In frame buildings the top rails must go through the stud ding and be secured on the inside by washers and nuts as above.

FILLING-IN BARS.—The filling-in bars must be not less than ½-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 ¼ x 3½ inch wrought iron sides or strings. Steps may be of cast iron of the same width of strings, or ⅝-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 ¾-inch hand rail of wrought iron, well bracced.

FLOORS.—The flooring of balconies must be of wrought iron 1½ x ⅜ inch slats placed not over 1¼ inches apart, and secured to iron battens 1½ x ⅝ 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 1½ x ⅜ inch sides and ⅝-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 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 2½ inches thick; and if with terra cotta, the terra cotta must be made with proper lap joints.

Fire Department City of New York,

Bureau of Inspection of Buildings.

DETAILED STATEMENT OF SPECIFICATION

FOR

ALTERATIONS TO BUILDINGS

No. 278 Submitted Feb 24 1887

LOCATION

117. First ave

Owner Isaac Koch

Architect Ernest W. Greis

Builder

Received by John Hayes Feb 26 1887

Returned by " Mar 1st 1887

Report favorable.

FINAL REPORT.

NEW YORK June 1st 1887

To the Superintendent of Buildings:

Work was commenced on the within described building on the 10 day of Mch 1887 and completed on the 31 day of May 1887 and has been done in accordance with the fore going detailed statement except as noted below.

John Hayes
Inspector.

REMARKS.

Referred to Inspector 9 Dist
Mar 1 1887

Returned June 2d 1887

John Hayes
Inspector.

New York, March 1st 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 on condition that piers A.A. be built 24"x24" and at B, B, 20"x20" A.F. D'Oench

Superintendent of Buildings.

March 19/87

Amended, to take out present store front and put in new. The window not to project more than 12" and the sill not to be less than 18" over water table of 1st Story only

No columns or girders to be disturbed Jos Lang

Approved A.F. D'Oench
Supt of Bu

March 21-187

This amendment is to be on 378 instead of this (278)

Jos Lang

ALT. APPLICATION No. 530 1925 BLOCK 449 LOT 37

LOCATION 117 First Avenue

DISTRICT (under building zone resolution) Use Business Height 1½ Area B.

Examined 192

Examiner

SPECIFICATIONS—SHEET A

(1) NUMBER OF BUILDINGS TO BE ALTERED one
Any other building on lot or permit granted for one? no

(2) ESTIMATED COST OF ALTERATION: $ 3500.

(3) OCCUPANCY (in detail):
Of present building Store, storage and Dwelling.

Of building as altered Same

(4) SIZE OF EXISTING BUILDING:

At street level	20	feet front	50	feet deep
At typical floor level	20	feet front	50	feet deep
Height	4	stories	40	feet

(5) SIZE OF BUILDING AS ALTERED:

At street level		feet front		feet deep
At typical floor level		feet front		feet deep
Height	Same	stories	Same	feet

(6) CHARACTER OF CONSTRUCTION OF PRESENT BUILDING: Ordinary
[Frame, Ordinary or Fireproof]

(7) NUMBER OF OCCUPANTS (in each story of building as altered, giving males and females separately in the case of factories):

1st floor--5
2nd floor and 3rd floor--0

No C.O. to be issued.

(8) STATE GENERALLY IN WHAT MANNER THE BUILDING WILL BE ALTERED:
Remove unsafe front wall, build new 12" brick wall as shown on plans.