

Original

APPLICATION FOR ERECTION OF BUILDINGS.

Application is hereby made to erect one building as per subjoined detailed statement specification for Erection of Buildings, and I herewith submit Plans and Drawings of such proposed building and I do hereby agree that the provisions of the Building Law will be complied with, whether the same are specified herein or not.

NEW YORK, May 14 1889 (Sign here) Adam H. Appel for: H. H. Gaul archt

- 1. State how many buildings to be erected, one
- 2. How occupied; if for dwelling, state the number of families, Apartments
- 3. What is the street or avenue and the number thereof? Give diagram of property.

No. 231 E. 10th Street

- 4. Size of lot, No. of feet front, 25 1/2 : No. of feet rear, 25 1/2 : No. of feet deep, 96'
- 5. Size of building, No. of feet front, 25 1/2 : No. of feet rear, 25 1/2 : No. of feet deep, 84' No. of stories in height, 5 : No. of feet in height, from curb level to highest point of roof beams, 54
- 6. What will each building cost [exclusive of the lot], \$ 70,000.
- 7. What will be the depth of foundation walls, from curb level or surface of ground ten
- 8. Will foundation be laid on earth, sand, rock, timber or piles? on Earth
- 9. What will be the base—stone or concrete? Pure Stone If base stones, give size and thickness and how laid 3 x 4 ft & 10" thick If concrete, give thickness.
- 10. What will be the sizes of piers?
- 11. What will be the sizes of the base of piers?

- 12. What will be the thickness of foundation walls? 24 x 24 "42x" and of what materials constructed, hard Bricks & Blue Stone respectively set in cement mortar
- 13. What will be the thickness of upper walls? Basement, 16 x 20 inches; 1st story, 12 x 16" inches; 2d story, 12 inches; 3d story, 12 inches; 4th story, 12 inches; 5th story, 12 inches; 6th story, inches; 7th story, inches; from thence to top, inches; and of what materials to be constructed, of hard bricks in best mortar

- 14. Whether independent or party-walls; if party-walls, give thickness thereof, 12" inches
- 15. With what material will walls be coped? with Blue Stone walls carried 24' above roof
- 16. What will be the materials of front? Brick & Stone trim If of stone, what kind, Brown Stone, brown stone Give thickness of ashlar, and thickness of backing in each story,
- 17. Will the roof be flat, peak, or mansard? flat
- 18. What will be the materials of roofing? tile

- 19. Give size and materials of floor beams. 1st tier, 3 x 10, spruce ; 2d tier, 3 x 10 Spruce ; 3d tier, 3 x 10, spruce ; 4th tier, 3 x 10, spruce ; 5th tier, 3 x 10, spruce ; 6th tier, ; 7th tier, ; 8th tier, ; roof tier, 3 x 4' spruce State distance from centres. 1st tier, 16 inches; 2d tier, 16 inches; 3d tier, 16 inches; 4th tier, 16 inches; 5th tier, 16 inches; 6th tier, inches; 7th tier, inches; 8th tier, inches; roof tier, 20 inches.

- 20. If floors are to be supported by columns and girders, give the following information: Size and material of girders under 1st floor, 8 x 8" yellow pine under each of the upper floors, Size and materials of columns under 1st floor, 16 x 16" brick piers under each of the upper floors,

- 21. 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 1st story front openings each to have two 6" wrought iron beams bolted together & with blue stone templates under each tied to the set back of stone lintels in place of wooden lintels

- 22. If girders are to be supported by brick piers and columns, state the sizes of piers and columns.

- 23. State by whom the construction of the building is to be superintended. Light's shaft walls to be carried 3' 6" above roof also for vent shaft. Down water wall, carried 8 ft above roof;

IF THE BUILDING IS TO BE OCCUPIED AS A APARTMENT OR TENEMENT HOUSE, GIVE THE FOLLOWING PARTICULARS.

1. State how many families are to occupy each floor, and the whole number in the house; also, if any part is to be used as a store or for any other business purposes, state the fact, 4 families each floor, 20 families in house
 2. What will be the heights of ceilings? 1st story 10⁶ feet; 2d story, 9⁶ feet; 3d story, 9 feet; 4th story, 9 feet; 5th story, 9 feet; 6th story _____ feet; 7th story, _____ feet.
 3. How are the hall partitions to be constructed and of what materials? of 2 1/2 x 4" joists set 16" from centers front basement floor & all partitions to be of 4 x 4" spruce joists set 12" apart with 4 x 4" locust sill & 4 x 4" yellow pine heads all to be plastered 2 coats brown mortar on both sides.
- Owner, Adam Hoppel Address 198 Broome Str.
 Architect, William Gray Address 215 Bowery
 Mason _____ Address _____
 Carpenter _____ Address _____

IF A WALL OR PART OF A WALL ALREADY BUILT IS TO BE USED, FILL UP THE FOLLOWING.

The undersigned give notice that he intend to use the East & west wall(s) of building N^o 229 and 233 E. 10th St which are built as party walls as party wall(s) in the erection of the building hereinbefore described, and respectfully requests that the same be examined and a permit granted therefor. The foundation wall(s) are built of Stone 20 inches thick, 10 feet below curb; the upper wall(s) are built of Brick, 12 & 8 inches thick; 44 feet deep, 50 feet in height. said party walls to be used only to a distance of 20 ft in depth
 (Sign here) Adam Hoppel, for Wm Gray archt

NOTE.—In making application for the erection of buildings the following drawings must be furnished: Plans of each and every story, front, rear and side elevations, and longitudinal and transverse erections. All plans must be drawn to a uniform scale and must be on tracing cloth, properly designated and colored.

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 :

BRACKETS must not be less than 1/4 x 1 1/2 inches wrought iron, placed edgewise, or 1 1/2 inch angle iron, well braced, and not more than three feet apart, and the braces to brackets must be not less than 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 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 1/2 inch thick.
TOP RAILS—The top rail of balcony must be 1 1/2 inch x 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 3/4 inch thick, and no top rail shall be connected at angles by the use of cast iron.
BOTTOM RAILS—Bottom rails must be 1 1/2 inch x 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 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 1/2 x 3/4 inch wrought iron sides or strings. Steps may be of cast iron of the same width of strings, or 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 1/2 inch hand rail of wrought iron, well braced.
FLOORS.—The flooring of balconies must be of wrought iron 1 1/2 x 3/4 inch slats placed not over 1 1/2 inches apart, and secured to iron battens 1 1/2 x 1/2 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 1/2 x 3/4 inch sides and 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 or 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 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 flue 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.*

one from any party walls as far as the same are to be used as to be used with novel bricks in cement mortar 20" thick in basement, 12" thick on 1st story and 6" thick in 2d, 3rd & 4th stories. To have iron anchors every 2ft in height & with alternate, these stones under linings to be 2 1/2" x 9 1/2" and 10" thick.