

TENEMENT HOUSE DEPARTMENT

OF

THE CITY OF NEW YORK.

Tenement House Department
of the City of New York
Received JUN 5 1904

Manhattan Office:
No. 61 IRVING PLACE,
S. W. Cor. 18th Street.

Bronx Office:
2806-8 3d AVENUE,
Near 148th Street.

Brooklyn Office:
No. 44 COURT STREET,
Cor. Joralemon Street.

Plan No. 458 190 . Filed JUN 5 1904 190 .

APPLICATION FOR ERECTION OF NEW TENEMENT HOUSE.

APPLICATION is hereby made to the Tenement House Commissioner of The City of New York for the approval of the detailed statement of the specifications and plans herewith submitted for the erection of the Tenement House herein described. The applicant agrees to comply with all provisions of law and ordinances in the erection of said building whether specified herein or not.

(Sign here)

Address

Geo. Fred. Pelham archt.
No. 503 Fifth Ave.

Applications must be filed in TRIPLICATE and drawings in DUPLICATE.

NOTE.—In making application for the approval of plans for a new tenement house the following drawings must be furnished: Plans of all floors, including cellar, basement and roof, an elevation showing heights of stories, a section showing stairs and stair-hall windows, and, if necessary, transverse and longitudinal sections. All plans must be drawn to a uniform scale, not less than one-quarter inch to the foot, and be on linen tracing cloth or be cloth prints. After approval by the Tenement House Department one set of plans and a certificate of approval will be at once forwarded to the Bureau of Buildings by the Department. The dimensions and boundaries of each lot must be clearly marked on plans, as must the measurements of all courts, yards, shafts, rooms, stairs and halls, the location of all fire escapes, and the use to which each room and the several portions of cellar are to be put. With each application must be filed a written statement signed by the owner of the proposed building, authorizing the person signing this application to make such application. There must also be filed with this application a diagram or survey of the property, on linen tracing cloth, showing the width and depth of the lot and its location and distance from adjacent streets, and the distance of the street sewer below the street level.

All amendments to plans and applications must be made on a separate blank provided for that purpose, and where changes affecting the sizes of lots, buildings, courts, rooms or halls are made, separate drawings showing such changes must be filed.

NOTE.—Where it is proposed to convert or alter to the purposes of a tenement house a building not used for such purpose, the form of application used for the erection of a new tenement house must be filed in the Department and must be completely filled out.

THE CITY OF NEW YORK,

BOROUGH OF

Manhattan

Date

June 4th 1904

1. State how many tenement houses to be erected *One*
2. Location. Give street and number. (If there is no street number, state on what street or avenue, the side thereof, the number of feet from the nearest street or avenue, and the name thereof.
North East cor. St. Mark's Place and Second Avenue
3. Owner *Chas. J. Weinstein* Address *1531 Madison Ave*
4. Architect *Geo. Fred. Pelham* Address *503 Fifth Ave.*
5. Person superintending construction of building (Whether Owner or Architect) *Chas. J. Weinstein*
Address *No. 1531 Madison Avenue*
6. Estimated cost of each building, exclusive of the lot, \$ *45,000.00*
7. Estimated cost of all buildings, exclusive of the lot, \$ *45,000.00*

- 8. Will the building be erected on the front or rear of lot? *front*
- 9. State the number of families on each floor *3 on upper floors (above first)*
(Secs. 13, 18, 19, 23, 28, 58, 59, 61, 62, 72.)
The number in each house... *15 families*
- 10. Size of each lot?
34 feet, *6* inches front; *34* feet, *6* inches rear; *68* feet, *0* inches deep.
- 11. Size of each building?
34 feet, *6* inches front; *34* feet, *6* inches rear; *61* feet, *2* inches deep.
- 12. Will each apartment extend through from street to yard? (Secs. 58, 59, 61, 62.)...
no
- 13. Number of stories above cellar or basement? (Sec. 11.) *six*
- 14. Will there be a basement? *no* Will there be a cellar? (Sec. 11.) *yes*
- 15. State height of basement or cellar ceiling above curb? (Sec. 11.) (at center of facade.)
(Level throughout) except at stair hall same 10" above curb

FIRE PROVISIONS

- 16. State material of building? (Secs. 11, 28.) *Brick*
(If building is of wood, questions 19, 21, 22, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 37, 39, 40 and 41 need not be answered.)
- 17. If building is of wood, will it be outside the fire limits? (Sec. 28.) *no*
- 18. If of wood, will side walls be brick filled? (Sec. 28.) *no*
- 19. Will building be a fireproof tenement house throughout? (Secs. 2, 11.) *no* If so, state
 - a. The material of floor beams *no*
 - b. Specify the construction of floor filling *no*
 - c. Specify the construction of the partitions *no*
- 20. If building is *not* to be a fireproof tenement house, give the following information. (Sec. 12.)
 - a. Will there be fireproof outside stairways or fire escapes opening directly from at least one room in each apartment? *yes* State whether stairs or fire escapes *fire escapes*
 - b. Will such fire escapes be constructed in accordance with the provisions of Section 12 of the Tenement House Act? *yes*
 - c. State distance of lowest fire escape balcony above ground, street, court or area bottom, as the case may be... *11 feet*
- 21. Will there be a bulkhead in roof with stairs leading thereto? (Sec. 13.) *yes*
Of what material will it be constructed? *Brick Walls*
- 22. Give number of stairways in building. (Secs. 14, 15, 16, 17.) *one*
- 23. Give width of stairs. (Secs. 14, 15, 16.) *3'0" in the clear*
Number of apartments in building above entrance story (Secs. 15, 16.) *15 apt's.*
- 24. Give the rise of steps. (Sec. 17.) *8"* Width of treads *10"*
Length of treads in the clear *3'0" in the clear*

25. Will there be winders? (Sec. 17.) *No* If so, will the treads at a point 18 inches from the strings on the well side be not less than 10 inches wide?

Will building contain a power passenger elevator? *No*

26. State material of risers. (Sec. 18.) *iron* Of strings *iron* Of banisters *iron* Of treads *Marble* Of hand rails *hardwood* How will soffits of stairs be covered?

27. Stair halls and entrance halls. (Secs. 18, 19, 20.)

a. State material of floor beams *steel* of floor filling *4" brick arches*

b. Will there be wooden flooring or sleepers over fireproof filling? *No*

c. If beams are of wood, will there be 5 inches of cement deafening between them?

d. State material of ceiling *steel beams & 4" brick arches*

28. Will all wainscoting, bases, door trim, window trim and all other trim in stair halls and entrance halls be fireproof? (Sec. 18.) *yes*

Specify method of fireproofing *Marble & metal covered*

29. How will stair halls and entrance halls be enclosed? (Secs. 19, 20.) Specify material *Brick Walls* give thickness of same *8", 12" & 16"*

If uprights and filling are used, specify material, and sizes of same, also how covered *3"x3" angle iron & 3" T.C. blocks at D. W. Shaft.*

30. Will all doors from stair halls and entrance halls be fireproof and self-closing? (Secs. 19, 20.) *yes* Specify method of fireproofing *metal covered*

31. Will each stair hall and entrance hall be shut off from all non-fireproof portions of the building by self-closing fireproof doors? *yes*

32. Will there be any transoms or sashes from stair halls and entrance halls to the other parts of the building? (Secs. 19, 20.) *No*

33. State width of entrance hall up to and including stair enclosure (Sec. 20.) *11' 10"* Beyond that point *10' 8" x 3' 0" in the clear*

34. Describe egress from street to yard (Sec. 20.) *Through open passage from court to street*

35. State material of first tier of beams. (Sec. 21.) *steel beams* specify material of floor filling *4" regular rounded brick arches*

36. How will cellar ceiling be constructed? *steel beams & brick arches* Will it be plastered? (Sec. 101.) *yes*

37. Will stairs to cellar be inside the building? (Sec. 23.) *No* If so, will they be enclosed in the cellar with brick walls and fireproof self-closing doors?

38. Will there be an entrance to the cellar from the outside of the building? (Sec. 26.) *yes, outside in court & area*

39. Will all shafts be fireproof throughout? (Sec. 37.) *yes* Specify method of construction and material *3"x3" angle iron & 3" T.C. blocks*

40. Will all openings, except window openings, to shafts be provided with self-closing fireproof doors? (Sec. 37.) *yes* Specify material of same *metal covered & sheet iron*

NOTE.—Under the provisions of sections 51 to 64 of the Tenement House Act (chapter 334 of the Laws of 1901, as amended), the size of all open spaces is regulated by the height of the building. Under the provisions of these sections the following *minimum* sizes are prescribed for buildings not over the heights shown in table; certain exceptions are made for special types of houses mentioned in the act.

	AMOUNT OF INCREASE FOR EACH 12 FT. OF HEIGHT.	BUILDINGS 24-36 FEET IN HEIGHT.	BUILDINGS 36-48 FEET IN HEIGHT.	BUILDINGS 48-60 FEET IN HEIGHT.	BUILDINGS 60-72 FEET IN HEIGHT.	BUILDINGS 72-84 FEET IN HEIGHT.	BUILDINGS 84-96 FEET IN HEIGHT.
Outer courts, on lot line, width . . .	6 in.	5 ft.	5 ft. 6 in.	6 ft.	6 ft. 6 in.	7 ft.	7 ft. 6 in.
Outer courts, between wings, width	1 ft.	10 ft.	11 ft.	12 ft.	13 ft.	14 ft.	15 ft.
Inner courts, on lot line, width . . .	6 in.	11 ft.	11 ft. 6 in.	12 ft.	12 ft. 6 in.	13 ft.	13 ft. 6 in.
Inner courts, on lot line, length . . .	1 ft.	22 ft.	23 ft.	24 ft.	25 ft.	26 ft.	27 ft.
Inner courts, between wings, width	1 ft.	22 ft.	23 ft.	24 ft.	25 ft.	26 ft.	27 ft.
Inner courts, between wings, length	1 ft.	22 ft.	23 ft.	24 ft.	25 ft.	26 ft.	27 ft.
Yard, depth of, on interior lots	1 ft.	10 ft.	11 ft.	12 ft.	13 ft.	14 ft.	15 ft.
Yard, depth of, corner lots 100 ft. or more deep	0	10 ft.	10 ft.	10 ft.	10 ft.	10 ft.	10 ft.
Yard, depth of, corner lots less than 100 ft. deep	0	10 per centum of depth of lot					

51. Give sizes of unoccupied space in schedule below (Secs. 51-64, incl.):

SCHEDULE OF UNOCCUPIED SPACE.
SIZES OF COURTS, YARDS, ETC.

House No. 1.					House No. 2.				
	Height of Wall Forming Court.	Width of Court.	Depth of Court.	Area of Court.		Height of Wall Forming Court.	Width of Court.	Depth of Court.	Area of Court.
Outer Court No. 1					Outer Court No. 1				
" 2					" 2				
" 3					" 3				
" 4					" 4				
Inner Court No. 1					Inner Court No. 1				
" 2					" 2				
" 3					" 3				
" 4					" 4				
Outer Court Offset No. 1					Outer Court Offset No. 1				
" 2					" 2				
" 3					" 3				
" 4					" 4				
Inner Court Offset No. 1					Inner Court Offset No. 1				
" 2					" 2				
" 3					" 3				
" 4					" 4				
Rear Yard					Rear Yard				
Front Yard					Front Yard				
Total of Unoccupied Space				34 19/36	Total of Unoccupied Space				
Size of Lot				34 65.07 34 1/2	Size of Lot				
Size of House				93 + 10	Size of House				
Per Cent. of Lot Occupied, Ground Level				47 + 10	Per Cent. of Lot Occupied, Ground Level				
2d Story Level					2d Story Level				

Total less angles
 $3.2 \times 2.6 = 7.72$
 $3.2 \times 1.10 = 3.52$
 $13 \frac{13}{16}$

64.12.625.0 298 1/4

13 34 66 10 235 3/4

less yard & court
 $93 + 10$
 $47 + 10$

52. Describe intakes or ducts for each inner court. (Sec. 63.) *Open passage from court to street -* Give size of each *8' 0"* feet high
3' 0" feet wide. Will they always be kept open? *yes*
53. Will each room have at least one window opening directly upon the street, or upon a yard or court? (Sec. 67.) *yes* Will such windows be 1-10 of the area of the room? (Sec. 68.) *yes* Will each window be not less than 12 sq. ft. in area between stop-beads? *yes*
54. Will each room opening on an inner court less than 10 feet wide be provided with a sash window communicating with another room in the same apartment, such window to contain not less than 10 sq. ft. of glazed surface and to be arranged so as to readily open? (Sec. 67.) *yes*
55. Will living rooms be provided with fan-lights over doors? *yes*
56. Will each water closet compartment and bathroom have a window not less than one foot by three feet between stop beads opening directly upon the street, or yard, or upon a court or vent shaft? (Sec. 95.) *yes*
57. Will each public hall and stair hall have at least one window not less than 2 feet 6 inches wide and 5 feet high between stop beads, opening directly upon the street or upon a yard or court? (Secs. 72, 73.) *yes*
58. Will any part of the public halls be shut off from any other part of the public halls by doors? *No* If so, state how such portions will be lighted and ventilated. (Sec. 72.) *-----*
59. Will stair-hall windows have an aggregate area for each floor of 18 square feet between stop-beads? (Sec. 74.) *yes*
60. State area of glazed surface in entrance door. (Sec. 72.) *5 Sq. ft. & over*
61. If stair halls are not provided with windows opening to the outer air, give width of stairwell. (Sec. 72.) *-----* Will all doors leading from such stair halls be provided with translucent glass panels and fixed transoms of an area of not less than 5 sq. ft. for each door? (Sec. 72.) *-----*
62. State area of glazed surface in roof of skylight over stairwell. (Sec. 73.) *25 Sq. ft. & over* Will it be provided with fixed or movable louvres, or with ridge ventilators, or with both? *Ridge Ventilators!*

SANITARY PROVISIONS.

63. Will cellar or basement be occupied for living purposes; and state whether it is the cellar or the basement that is to be occupied? (Sec. 91.) *No*
 Give height of such occupied rooms from finished floor to finished ceiling. *-----*
 Give height of ceiling of such rooms above the surface of the street or ground adjoining *-----*
64. How will the cellar or lowest floor be made damp-proof? (Sec. 92.) *Satisfactory to this Department -*
 What is the character of the ground or soil? *earth*
 How will the walls of the cellar or lowest floor be made damp-proof? *satisfactory to this Department -*

65. How will all portions of cellar be lighted and ventilated? (Sec. 92.) *each door and windows on court, yard & street*
66. Will there be a door at the bottom of each inner court and vent shaft? (Sec. 106.) *Through intake opening*
67. Will all courts, vent shafts, areas and yards be properly graded and drained and connected with the street sewer? (Sec. 93.) *Yes* How will they be paved? *concreted and cement finish*
68. Is the street on which building is proposed to be erected now provided with a public sewer? *Yes* If not, what disposition will be made of waste and sewage?
69. How many water-closets, baths and other plumbing fixtures will be provided? (Sec. 95.)

	Cellar.	Basement.	1st Story.	2d Story.	3d Story.	4th Story.	5th Story.	6th Story.	7th Story.	8th Story.	9th Story.	Total.
Water-closets (how many).	2	—	3	3	3	3	3	3	—	—	—	20 (20)
Sinks,	—	—	5	3	3	3	3	3	—	—	—	20
Wash-tubs,	—	—	—	3	3	3	3	3	—	—	—	15
Bath-tubs,	—	—	—	3	3	3	3	3	—	—	—	15
Shower-baths,	—	—	—	—	—	—	—	—	—	—	—	—
Wash-basins,	—	—	—	—	—	—	—	—	—	—	—	—
Urinals,	—	—	—	—	—	—	—	—	—	—	—	—

70. If water-closets or bath-rooms are ventilated by means of a vent-shaft, give dimensions of same (Sec. 85), *1* feet wide by *1* feet long. Will vent-shafts be entirely open at the top? Describe intake for vent-shaft. Give size of same. State arrangements for cleaning same.
71. How will water-closet compartments be lighted and ventilated? (Sec. 95.) Give source of light by day *Windows to court & street* Give source of light by night *gaslight*
72. Will there be any water-closet compartment or bathroom less than 2 feet 4 inches wide? (Sec. 95.) *No*
73. How will floors of water-closet compartments be made water-proof? (Sec. 95.) *Tiled floors* Specify material *marble* Will there be a base 6 inches high of water-proof material around same, and state of what material? *yes, of marble 6" high*
74. Will vertical lines of plumbing pipes be exposed? (Sec. 96.) *yes*
75. Describe location and character of water supply for each apartment. (Sec. 94.) *To kitchen, toilets & bath room* Will there be a roof tank? *yes* Give capacity *10 gallons*
76. What part of the building will be used as a store, or for any business purpose? (Sec. 110.) *Entire first floor & cellar in part*
77. Remarks *Public sewer in street 13'6" below curb, 40'0" out from house line and 24" in diameter*
- (78) *Portions at foot of front cellar steps graded and drained to front area drains*

State and City of New York }
County of New York } ss.:

Geo. Fred. Pelhant

being duly sworn, deposes and says: That he resides at Number

..... in the Borough

in The City of *New Rochelle*, in the County of

in the State of *New York*, that he is

owner in fee of all that certain lot, piece or parcel of land,

shown on the diagram an-

nexed hereto and made a part hereof, situate, lying and being in the Borough of

Manhattan in The City of New York

designated as Number *N. E. cor. St. M.*

and Second Avenue, and

described; that the statements made in the foregoing application are true; that the two sets

of plans accompanying this application are identical in all particulars, and that said speci-

fications and plans contain a correct description of such tenement

work, and that the construction of such tenement house will be in

and specifications as approved, and that he is duly authorized by

No. 1531 Madison Ave. to make application in compliance with

Chapters 334 and 466 of the Laws of 1901, as amended, for the approval of such detailed

statement of specifications and plans in *his*

Deponent further says that the full names and residences, street and number, of the

owner or owners of the said land, and also of every person interested in said building or pro-

posed building, either as owner, lessee, or in any representative

Chas. J. Weinstein No. *1531 M.*

as *Owner*

No.

Geo. Fred. Pelhant No. *503*

as *Architect*

The said land and premises above referred to, are situate at, bounded and described as

follows, viz.:

BEGINNING at a point on the ~~.....~~

North East corner formed by

St. Marks Place and

Avenue running thence *East*

thence *Northerly 34 1/2"*

thence *Westerly 6*

thence *Southerly*

to the point or place of beginning.

Sworn to before me this *13*

day of *Jan* 190*1*

Geo. Fred. Pelhant

Notary Public

County

TENEMENT HOUSE DEPARTMENT

OF

THE CITY OF NEW YORK.

MANHATTAN OFFICE.
No. 61 IRVING PLACE,
S. W. Cor. 18th St.

BRONX OFFICE.
2806-8 THIRD AVENUE,
Near 148th St.

BROOKLYN OFFICE.
No. 44 COURT STREET,
Cor. Joralemon St.

Borough of Manhattan.

Tenement House Department
of the City of New York

NEW YORK, February 23th. 1905.

Received FEB. 28. 1905 190

Amendment to Plans and Application No.

258 N. B.

1903. 4.

Location

North East Corner St. Marks Pl. and 2nd. Avenue.

It is proposed to erect additional partitions in rear of cellar enclosing woodsheds, same lighted by sash doors, all as shown marked on plans and additional self closing fire proof door, shut off in take from wood shed enclosure.

B. of B. No. 496 N. B. 1904.

APPROVED BY THE
ARCHITECT,
TENEMENT HOUSE DEPARTMENT,
CITY OF NEW YORK.

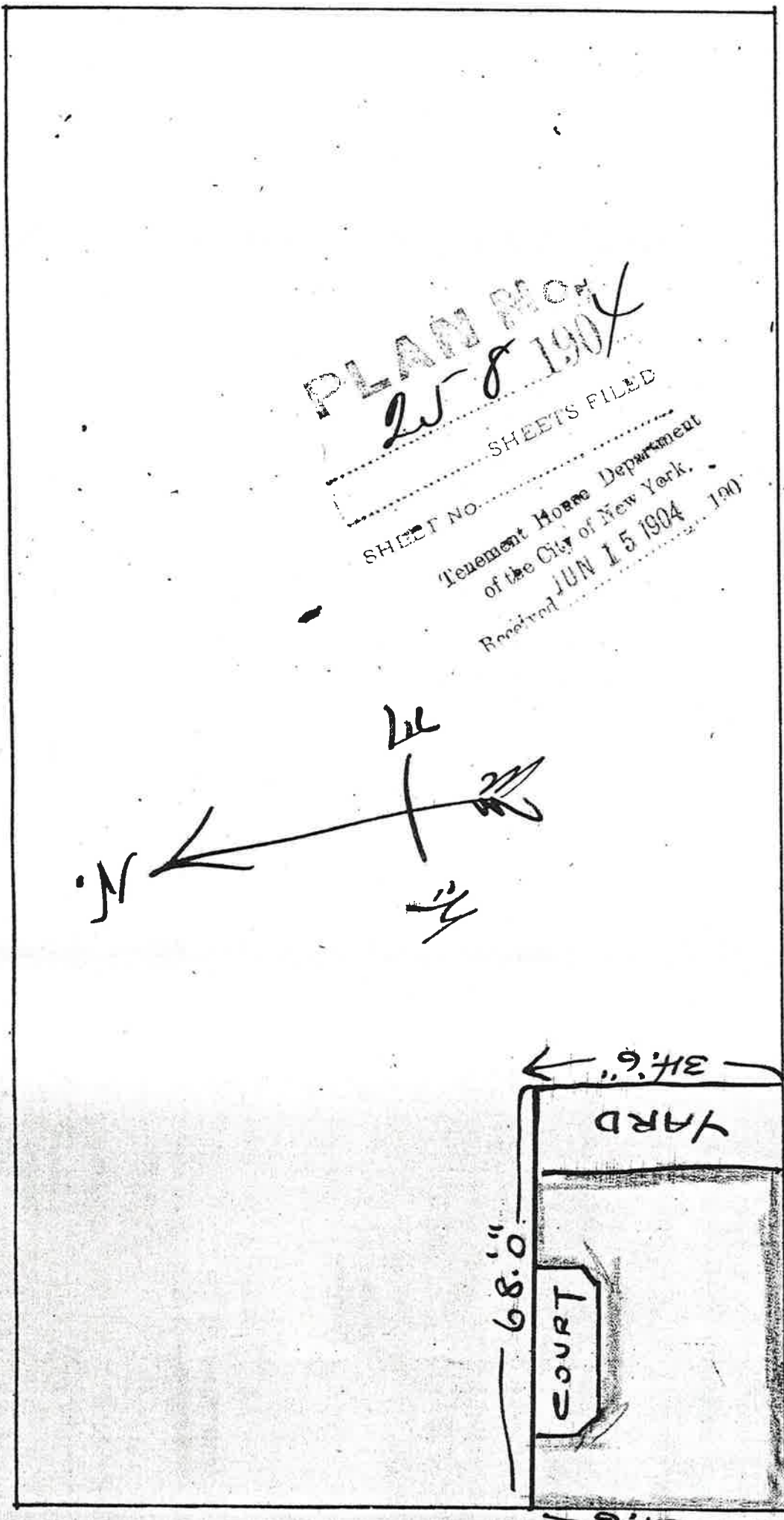
March 2nd 1905
I have examined the foregoing proposed amendment
to the plans of the above application and find that
they conform to the Law.

John P. Seligman, *Arch.* Examiner.

10
MAY 3 - 1905
John P. Seligman
Architect

FIRST AVENUE.

ST. MARK'S PLACE



ST. MARK'S PLACE

TENEMENT HOUSE DEPARTMENT

OF
THE CITY OF NEW YORK.MANHATTAN OFFICE.
41 IRVING PLACE,
V. Cor. 18th St.BRONX OFFICE.
2805-8 THIRD AVENUE,
Near 148th St.BROOKLYN OFFICE.
No. 44 COURT STREET,
Cor. Joralemon St.

,B.

Borough of Manhattan,

J.P.C.

NEW YORK, August 3rd, '04. ~~1903.~~Amendment to Plans and Application No. 495 N.B. '04. ~~1903.~~Location N. E. Corner St. Marks Place and Second Avenue,Hon. T. C. T. Crain, Commissioner,
Tenement House Department.

Dear Sir:-

I have examined the following amendment to plan No. 495, N.B. of 1904, (Tenement House Department 258, N.B. '04,) submitted to the Bureau of Buildings, Borough of Manhattan, July 25th, 1904, and find nothing contained therein which would require an amendment to the plan.

1. Permit for projecting bay window, and show windows herewith filed.

2. Detail of bay window support herewith filed.

3. Cast iron columns in first story tied in by $5/8$ " strap anchors 9' 0" in length, secured to second tier of beams.

4. Gable wall in first story 20" brick, as now marked on plans.

5. Size and material of templates under girder ends now marked on floor plans.

6. Detail of column and girder connections herewith filed.

7. Size and weight of all steel girders now indicated on first story plan.

8. Brick pier in stair hall checked to be bonded and laid up in cement mortar.

9. 3-9" @ 21# steel beams provided over door and toilet window opening first story, gable.

TENEMENT HOUSE DEPARTMENT

OF
THE CITY OF NEW YORK.

MANHATTAN OFFICE.
61 IRVING PLACE,
S. W. Cor. 18th St.

BRONX OFFICE.
2805-8 THIRD AVENUE,
Near 148th St.

BROOKLYN OFFICE.
No. 44 COURT STREET,
Cor. Joralemon St.

K.B.

Borough of Manhattan,

J.P.C.

NEW YORK, August 3rd, '04. ~~1903.~~

Amendment to Plans and Application No. 495 N.B. '04. 1903-

Location N. E. Corner St. Marks Place and Second Avenue,

10. 2' 4" x 2' 4" bonded brick piers provided in cellar where checked weak.

11. Detail of said piers and footings herewith filed. "

Yours respectfully,

John P. Cleary
acty. Examiner.

John P. Cleary
TENEMENT HOUSE DEPARTMENT
SUPERVISOR

ORIGINAL

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. 495 N. B. } 1904 Filed 1904 190 .

NOTICE.—The approval of this application is in accordance with section 4 of the Building Code, to wit: "Any approval which has been issued by the Superintendent of Buildings pursuant to the provisions of law, but under which no work has been commenced within one year from the time of issuance, shall expire by limitation."

APPLICATION is hereby made to the Superintendent of Buildings for the Borough of Manhattan, of The City of New York, for the approval of the plans and specifications herewith submitted for the **Plumbing and Drainage** of the building herein described. The applicant agrees to be governed by the rules and regulations of the Bureau of Buildings for the Borough of Manhattan, and to comply therewith and with every provision of law, whether herein specified or not.

Date October 20th 1904
Geo Fred. Pelham, Architect.
(Sign here.)

Location North east cor. St. Marks Place + 2nd Avenue

Number of Buildings One Description of Buildings Tenements

How occupied Tenement Dimensions of each Building 34.6" x 61.2"
Front or rear of Lot front

Dimensions of each Lot 34.6" x 68.0" Feet front 34.6" Feet deep 68.0"

Owner C. J. Weinstein Address 1531 Madison Ave

Architect Geo. Fred. Pelham Address 513 Fifth Ave

Plumber Not as yet selected. Will notify Sept. Address

	Cellar.	Basement.	First Story.	Second Story.	Third Story.	Fourth Story.	Fifth Story.	Sixth Story.	Seventh Story.
Number of families on each floor.....	—	—	—	3	3	3	3	3	—

How will the sewage and drainage of the buildings be disposed of? Public

Sewer in Street

If other than a public sewer, describe same

House sewers—State number for each building One Diameter 6 inches.

Material X-H.C.I. Fall per foot 1/4 inch.

Where connected? Public Sewer in Street

House traps—Material X-H.C.I. Diameter 6 inches.

Fresh-air inlets—State number for each building One Diameter 4 inches.

Material X-H.C.I. Location of inlet Just outside Bldg

How will they be protected against obstructions?

Perfect Fresh Air Inlet

House drains—State number for each building One Diameter 4 inches.

Material X-H.C.I. Fall per foot 1/4 inches.

Area, shaft, court and yard drains—Material X-H.C.I. Diameter 3 inches.

How trapped? 3" running trap + leader trap

Cellar drain—Material — Diameter — inches.

How trapped? —

How will the yard, area, shaft, court and cellar drains be protected against obstructions? Iron Strainers

Catch basins—Where located? Yard, Area & Courts Material Brick

How will they be made water-tight? Cement

Dimensions, 10 x 12 x 12

Sub-soil drains—Material — Where connected? —

Floor, stable and stall drains—Material — Diameter — inches.

How trapped? —

How arranged to maintain a permanent water seal in sub-soil, floor, stable and stall drain traps? —

Material of soil, waste and vent pipes X-H.C.I.

Soil pipes—Number in each building 4 Diameter 5 inches.

Number extending above roof in each building 4

Diameter and material of outlets and branches up to traps 4", 2" 1/2" Lead & Iron

Waste-pipes—Number in each building One Diameter 3 inches.

Number extending above roof in each building One

Diameter and material of outlets and branches up to traps 2" 1/2" Lead & Iron

Vent-pipes—Number in each building 5 Diameter 2 + 3 inches.

Number extending above roof in each building 5

Diameter and material of outlets and branches up to traps 2" 1/2" Lead & Iron

Refrigerator waste-pipes—State number in each building — Diameter — inches.

Material —

Will they extend through roof? —

Roof drainage—State number of outside leaders One Material Galv. Sheet Iron

Diameter 5 inches. Diameter of traps 5 inches.

State number of inside leaders One Material X-H.C.I.

Diameters 2 Diameter —

How will all the above be protected against obstructions?