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Department for the Survey and Inspection of Buildings **1**

OFFICE, No. 2 FOURTH AVENUE.

New York, June 25th 1870

PLAN AND SPECIFICATION.

INFORMATION REQUIRED IN RECORDING PLANS AND SPECIFICATIONS FOR THE ERECTION OF BUILDINGS.

- Number of buildings to be erected, *The Church & School house for St. Ann's Congregation*
 - Location, street number, or side of street, and number of feet from nearest corner, *South side of 12th St. extending through to 11th St., about midway between 3rd & 4th Avenues*
 - Size of lot, — *75* — feet front, — *75* — feet rear, *206' 6"* feet deep.
 - Size of building, *School Church 63' 8"* feet front, *75' 0"* feet rear, *40' 0"* feet deep, *36' 0"* feet in height, from curb level to highest point. Number of stories in height, *School, 4 stories + basements*
 - Estimated value of the materials and labor required in the erection of each building, \$ *75,000 Church* / *30,000 School* —
 - Depth of foundation from curb level or surface of ground (in no case to be less than four feet, except when laid upon solid rock), *School House 10 feet - Church 4 feet below bank pavement*
 - Size of base stones, and how laid, *3' 6" long for Church, 2' 6" for school, 1 ft thick laid in mortar*
 - Thickness of foundation walls and piers, of what materials, and how laid; footing courses, timber or piles *Church walls 2' 6" - footings 1' wider - piers 2 ft square, footings 3 ft square. School House, side front & back walls 2' 0" footings 2' 6" & 3' 0" inside walls 2' 6" piers under corn columns 5' 0" granite, plinths 3' 0" square + 1 ft thick -*
 - Thickness of upper walls, of what materials, and how laid, *Ch. walls 1' 8" thick to wall plates for roof of aisle. School House independent wall 1st story 1' 8" + 1' 4" for balance. Stairway Press- age wall 1' 4" 1st story balance of inside walls 1' 0" thick. Front & rear wall 1' 4" thick, faced with pressed brick. All the balance to be of hard brick, laid in mortar of lime & sand -*
- Extract from Law. "The mortar used in the construction of any building shall be composed of lime or cement mixed with sand, in proper proportions; no inferior lime or cement shall be used, and all sand shall be clean sharp grit, free from loam, and all the joints in all walls must be filled with mortar."
- Materials of front. If stone, state the kind, give thickness of ashlar and backing, *The old front of Church on 12th St. formerly on lot is to be retained. The new side & rear walls to be of hard brick; School house of pressed bricks with cut stone dressing -*
(All backing to be not less than 12 inches thick, and must be laid up with cement mortar.)
 - Materials of roofing, *tin*
 - Materials of cornices, *galvanized iron*
 - Iron shutters, *none*
 - Style of roof. Flat, Peak, or Mansard, *Flat on church, through ch. tower to top of roof by flues in each school room*
 - Access to roof, *School through scuttle main stairs* How ventilated, *connected with patent ventilator over roof - church ventilated by open ventilating frames in the Gothic windows -*
 - Independent walls, *all independent* thickness of, — inches.
 - Party-walls *none* thickness of, — inches.
 - Walls coped; what material, *brick, coped with blue stone. basement chestnut sleepers on concrete*
 - Sizes of floor beams; 1st tier, *14* inches; 2d tier, *14* inches; 3d tier, *14* inches; 4th tier, *14* inches; 5th tier, — inches; 6th tier, — inches; roof tier, — inches; material, *spruce or pine* distance from centres, *one foot*

20. Girders under floor beams, if any; size of same, of what materials, and how supported, *supported upon two cast iron columns, placed on granite caps 3' 0" sq. 1' 0" thick placed over a foundation spreading 5' 0" square over these girders the dividing wall between the school rooms will be built*

21. Distance of wood-work from all flues, 8 inches ("not less than eight inches") from inside.
22. Hoistways, if any; how protected, none
23. Headers and trimmers to be hung in stirrup irons, yes
24. How the building is to be occupied; if for a dwelling, state the number of families; if for a store or other business purposes in part, and the remainder for families, give the number on each floor, and whole number of families in each house, To be occupied for a church, with vestry rooms adjoining in rear & sides & connected with the school house on rear on 11th St. in clear basement 11'6"
25. Heights of ceilings, 1st story, 14'0" ft.; 2d story, 12'10" ft.; 3d story, 11'8" ft.; 4th story, 11'0" ft.; 5th story, 0 ft.; 6th story 0 ft.
26. Fire-escape, none
27. Wood-houses, if any; where located, and of what materials constructed, none

28. Hot air, steam, or other furnaces, if any, Hot air placed under vestry rooms in rear of church, to heat church & school house - also in front of church for the church -

29. 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 middle wall of school house to be supported upon cast iron columns & cast iron girders, - placed in the basement room - July 1870. A rived. steel rails to be omitted and in their place to be supported upon ^{wooden} girders laid on ^{iron} columns in basement & 1st story & wooden ones in front of the ^{upper stories} of the church.

Extract from Law. "All cast-iron girders, lintels, or columns, before used in any building, shall have the maximum weight they will safely sustain stamped or marked thereon."

30. Size of piers; how built, The piers of church 2'0" square are to be built on footings 3'0" square, & capped with 2'0" square granite 1'0" thick, to support pine posts 10" square extending up to the roof of nave of church for support of roof of nave & aisle & partly to support of galleries all braced & securely framed, - the outside of clerestory walls & back of church to be framed sheathed & covered with tin.

Extract from Law. "That every isolated brick pier less than six superficial feet at the base, shall have a bond stone not less than four inches thick by full size of pier built therein, at intervals of not more than thirty inches; and all piers under ends of iron lintels or girders, or upon which iron or stone posts are to rest, whether isolated or not, shall be bonded as above stated, and have a cut granite cap on each, not less than twelve inches thick by full size of the pier."

31. If any walls already built are to be used as party-walls, fill up the application below.
The old tower of church, the walls on each side of it in front with a return of about 11 feet on each side of it -
APPLICATION TO USE PARTY-WALLS.

The undersigned gives notice that _____ intend to use the _____ wall of building _____ as party-wall in the erection of the building described above, and respectfully requests that the same be examined and a permit granted therefor. The foundation wall built of _____, _____ inches thick; the upper wall _____ built of _____, _____ inches thick, _____ feet in height, _____ feet deep, _____

32. If there is any building on the front or rear of the lot, give description of the same, and state how occupied.
None

33. That all materials and workmanship will be in accordance with the requirements of the law, yes

July 5th 1870

Wm. Macgregor

Deputy Supt.

[Handwritten signature]

Sup. Williams

[Handwritten signature]

Original

PLANS AND SPECIFICATIONS FOR NEW BUILDINGS.

No. 682 Submitted June 27 1870.

Tenth LOCATION.

12th St. between 3rd & 4th Ave.

Owner: Rev. Mrs. J. Roberts

Architect: W. H. Brown

Builder:

Referred to Deputy Supt. 18

Returned by Deputy Supt. 18

Report favorable.

New York, July 5 1870

This is to Certify that I have examined the within plan and specification, and find the same *check* to be in accordance with the several laws relating to buildings in the City of New York; and that the same has been entered in the records of this Department.

[Handwritten signature]
Superintendent of Buildings.

Referred to Inspector Henry

July 6th 1870 O.K.

Returned March 31 1871

[Handwritten signature]
Inspector.

12th Dec 1870

[SUPPLEMENT.]

In all Tenement Houses having Stores on the first floor, and built to contain two or more families on a floor above the store, the ceiling above the store must be constructed as follows:

Lathed with iron lath throughout, or deafened with good mortar not less than one inch thick, and levelled with the top of the beams; and, if the deafening is used instead of the iron lath, then there must be, in addition to the deafening, a space lathed with iron lath not less than two feet wide, against all walls that are furred; and in all cases where iron lath is used on any ceiling it must be let into the horizontal joints of the brick walls not less than one-half inch. All hall partitions in such buildings must be either 8-inch walls built from the foundation to the top of the second story beams: or, if the partitions are built of wooden joists, the partitions must be filled in with brick or lathed with iron lath on the hall side of the partition. All wood-houses placed in the cellars of tenement buildings must be constructed fire-proof.

In all new buildings that require fire-escapes, the iron brackets or bearers for the fire-escape must be built into the walls as the building of the wall progresses, and the fire-escape completely finished before the building is occupied.

Inspectors are required to report forthwith any person or persons violating any of the foregoing provisions.

JAS. M. MACGREGOR,
Supt. of Buildings.

[Vertical handwritten note]

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st. Anne's
Church

