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Department for the Survey and Inspection of Buildings 1

OFFICE, No. 2 FOURTH AVENUE.

New York, June 25th 187?

PLAN AND SPECIFICATION.

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

1. Number of buildings to be erected, One Church & School house for St Mary's Congregation
2. 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 3d & 4th Avenues
3. Size of lot,— 75 — feet front, 75 — feet rear, 206' 6" feet deep.
4. Size of ~~building~~ School Church, 75' 0" feet front, 63' 8" 75' 0" feet rear, 166' 6" 40' 0" feet deep, 58' 0" 36' 0" feet in height, from curb level to highest point. Number of stories in height, Church, main floor & galleries School, 4 stories & basement
5. Estimated value of the materials and labor required in the erection of each building, $75.000 Church, 30000 School —
6. 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 floor basement
7. Size of base stones, and how laid, 3'6" long for Church, 2'6" for school, 1 ft thick laid in mortar
8. 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, footing 3 ft. square School House, side front & back walls 2'0" footings 2'6" & 3'0" inside walls 2'6" piers under iron columns 5'0" granite, plinths 3'0" square & 1 ft thick —
9. Thickness of upper walls, of what materials, and how laid, Ch. walls 1'8" thick to wall plates or roof of aisles. School House, independent wall 1st Story 1'8" & 1'4" for balance. Stairway brick wall 1'4" 1st Story balance 9 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."

10. Materials of front. If stone, state the kind, give thickness of ashlar and backing, The old front of church in 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 dressings —
(All backing to be not less than 12 inches thick, and must be laid up with cement mortar.)
11. Materials of roofing, tin
12. Materials of cornices, Galvanized iron —
13. Iron shutters, none
14. Style of roof. Flat, Peak, or Mansard, Flat
15. Access to roof, School through scuttle main Stairs on church, through ch. tower to Top of roof How ventilated, ~~connected with patent ventilator over roof~~ by flues in each school room — church ventilated by open ventilating frames in the gothic windows —
16. Independent walls, all independent thickness of, — inches.
17. Party-walls none thickness of, — inches.
18. Walls coped; what material, Brick coped with blue stone.
19. 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 basement chestnut sleepers on concrete
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

L. F. Weeks

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 in rear on 11th St.

25. Heights of ceilings, 1st story, 14'0" ft.; 2d story, 13'10" ft.; 3d story, 11'8" ft.; 4th story, 11'0" ft.; 5th story, — ft.; 6th story — ft. (in clear basement 11'6")

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 6th/70 Amended. Said Walls to be omitted and the Upper Floors will be supported upon wooden girders laid on columns in Basement story & wooden posts in the 1st & 2d stories.

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 & aisles & partly for support of galleries all braced & securely planed, — 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
Amended and
approved,
W M Adams
Deputy Supt

Original

PLANS AND SPECIFICATIONS
FOR
NEW BUILDINGS.

No. 682 Submitted June 27 1870.
Index
LOCATION.
S S 12th St Between 3rd & 4th Aves
Owner Rev. Thos S. Preston
Architect Napoleon Le Brun
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 not 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.

W M Adams
Superintendent of Buildings.

Referred to Inspector Handy
July 6th 1870 et.
Returned March 31 1871
Timony
Inspector.
12th Lt

[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.

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St. Anne's
Church

84. Give diagrams of floors in all cases.