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March 29, 1989

Mr. Jim Collins
Collins Rosenberg Architects
2010 Chancellor St.,
Philadelphia, PA 19103

RE: HENRY GEORGE HOUSE

Dear Jim:

On March 10, 1989, I visited the above site with you to review the existing conditions of 3 lintels at openings thru the bearing partition approximately 15'-0" from the front (west) building wall. Please note the following:

(1) The existing lintel below the first floor needs to be supported at each end of the 3'-0"± opening by adding wood blocking below the lintel, providing full bearing of the lintel on the new studs at each jamb.

(2) The lintel below the second floor should consist of 3 - 2x12's, or a steel angle 3x3x1/4, either one bearing on 3 - 2x4 studs at each jamb.

(3) The lintel below the third floor should consist of 2 - 2x8's, each end bearing on 2 - 2x4 studs.

Confirming our previous conversations regarding items reviewed on my visit of March 8, 1989, please note the following:

(1) In the front (west) room of the building, the existing third floor joists should have a new 3x8 or 2x10 joist added alongside each existing member. The existing framing at the filled in stair should be replaced with typical floor framing.

(2) The second floor framing in the front room was not visible, and should be reviewed after the existing ceiling is removed.

(3) Below the second floor there is an existing wood lintel supporting a portion of the brick wall which forms the south exterior wall of the building. There should be 2 - 2x4 studs placed below this lintel, providing full bearing of the lintel on the studs, and of the studs on the masonry wall below. The studs should be located near the mid-span of the lintel.

(4) The interior bearing partition supporting the front room framing at first, second, third, and roof levels consists of wood studs located at uneven spacings and interrupted by horizontal members at various positions within the partition. New 2 x 4 studs should be added between existing members to provide continuous vertical support from each level of framing, and for jambs of lintels, down to the basement floor. Any loose or tapered joints between existing members in this partition should be shimmed for a tight fit.

Please call me if you have any questions or require any further review of this structure.

Very truly yours,

LONG AND TANN, INC.

John F. Rzasa, Jr.

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JFRJr/bc