

Accepted



Technical Report(TR6)

Compliance Filing # TR6-900186-9B-I1

2. Location

House Number 41 Street Name MAIDEN LANE

 Borough
 Manhattan
 Block
 67

 BIN
 1079043
 Lot
 1

 Zip Code
 10038
 C.B No.
 101

Control Number 900186

3. Filing Information

Filing Type Initial Report Cycle 9

 Report Sub Cycle
 9B
 Last Cycle Filing Date
 08/21/2012

 Filing Date
 11/16/2020
 Accepted Date
 12/30/2020

4. Inspection Report Status Information

Current Cycle: Last QEWI
Inspection Date

10/23/2020

Current Cycle Filing Status

UNSAFE

UNSAFE Completion Date 2025-10-30 Prior Filing Cycle 7

Prior Filing Sub Cycle 7B Prior Filing Status UNSAFE

5. Building Description

Landmark Building

Landmark District

No

Number of stories

44

Number of Balconies

0

Wall(s) Subject to Inspection All Partial Description

Exterior Wall Type	Exterior Wall Material
MASONRY CAVITY WALL	MASONRY

6. Applicant Information

E-Mail INFO@HLZIMMERMAN.COM License Type Registered Architect

NYS License Number 014327 Last Name ZIMMERMAN

First Name HOWARD MI

Mobile Phone Business Name HLZIMMERMAN ARCHITECTS

 Business Address
 11 W 30 ST
 City
 NY

 State
 NY
 Zip Code
 10001

1 222

Business Telephone 2125649393 Business Fax

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6a. Applicant's Statement

I hereby state that the Owner/ Owner's Representative has authorized me to submit this report. Furthermore, I hereby state that all statements are correct and complete to the best of my knowledge. A copy of this report has been given to the owner.

§28-211.1 False statements in certificates, forms, written statements, applications, reports, or certificates of correction. It shall be unlawful for any person to knowingly or negligently make or allow to be made a material false statement in any certificate, professional certification, form, signed statement, application, report or certification of the correction of a violation that is either submitted directly to the department or that is generated with the intent that the department rely on its assertions.



I have personally reviewed all information in this submission. I understand and agree that by personally clicking on the box at left I am electronically signing this submission and expressing my agreement with the Statement terms herein. I understand that this electronic signature shall have the same validity and effect as a signature affixed by hand, and I further agree that, by uploading an electronic image of my signature and professional seal as part of this submission, I am applying such signature and seal to this signed statement as if I had personally signed and sealed this statement by hand.

HOWARD Name 2020-10-20 Date: ZIMMERMAN

7. Owner Information

E-Mail etanner@amtrustre.com Owner Type Private **TANNER** ERIK Last Name First Name Mobile Phone 2126196930 MI

59 MAIDEN LANE ASSOCIATES, Telephone 2126196930 **Business Name**

LLC

NEW YORK 250 BROADWAY **Business Address** City State Zip Code 10007

Business Phone 2126196930 **Business Fax**

8. Owner Representative

E-Mail Relationship to Owner

First Name Last Name

Phone

Accepted

9. Owner's Statement

- (A)I hereby state that I am the owner/owner's representative of the premises referenced in the report associated with this filing. Furthermore, I have received and read a copy of the request associated with this filing and I am aware of the required repairs and/or maintenance, if any and the recommended time frame for same.
- (B) I certify that all items noted as SWARMP conditions in the previous cycle's report have been corrected/repaired unless I have indicated above that the current inspection report status is UNSAFE as per administrative code article 302, if applicable.
- §28-211.1 False statements in certificates, forms, written statements, applications, reports, or certificates of correction. It shall be unlawful for any person to knowingly or negligently make or allow to be made a material false statement in any certificate, professional certification, form, signed statement, application, report or certification of the correction of a violation that is either submitted directly to the department or that is generated with the intent that the department rely on its assertions.

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I have personally reviewed all information in this submission. I understand and agree that by personally clicking on the box at left I am electronically signing this submission and expressing my agreement with the Statement terms herein. I understand that this electronic signature shall have the same validity and effect as a signature affixed by hand.

Name	ERIK TANNER	Date :	11/02/2020
QEWI Information			
QEWI First Name	HOWARD	QEWI Last Name	ZIMMERMAN
QEWI Address	11 W 30 ST	Block	67
Lot	1	Cycle	9
BIN	1079043		

1. Executive Summary

General Description

Howard L. Zimmerman Architects, P.C. (HLZA) has been retained to perform a Periodic Inspection of the Exterior Walls and Appurtenances of the Building walls in conformance with New York City regulations. HLZA's responsibility is limited solely to that of Critical Examination and preparation and filing of the Report.

Scope of Inspection

HLZA carefully reviewed the most recent previous report and any available other reports prior to inspection of the Building. HLZA utilized a professional standard of care to assess the Building's condition and applied professional knowledge of the properties and characteristics of the materials used in its construction. The inspections were performed and completed in accordance with the Administrative Code and 1 RCNY 103-04. The Report utilizes photographs and diagrams to identify the location(s) of close-up inspections and to document the location of all UNSAFE and SWARMP conditions observed. Conditions noted in the Report are as of the last date of examination only. The condition of the Building will change over time and the rate of change will vary with the type of construction, history of maintenance and repair, and environmental conditions

Summary of Findings

HLZA observed conditions at the exterior walls and/or appurtenances thereto that require prompt repair as describe in the Report. Additionally, HLZA observed conditions that were cited as SWARMP in the previous FISP Report that were not corrected as of the date of the inspection(s). HLZA also observed conditions that require repairs or maintenance prior to the next filing cycle in order to prevent deterioration into an unsafe condition. HLZA also observed new conditions at the exterior walls that require repairs or maintenance during the next five years in order to prevent deterioration into an unsafe condition.

Conclusions and Recommendations

1.Conclusion: UNSAFE conditions were observed at the time of inspection(s) that require immediate attention to eliminate potential hazards to the public. SWARMP items observed at the time of inspection(s) shall require repair or maintenance prior to the date indicated in Section K of the Report.2.Recommendation: The Owner should promptly take action to protect the public from any potential hazards. The installation of a sidewalk shed is necessary. Public protection has been installed in the form of sidewalk sheds to protect the public from the UNSAFE and SWARMP conditions and locations. Sidewalk sheds has been installed at the base of all street facing facades, along John Street, William Street and Maiden Lane. The QEWI shall apply for an initial extension of time with the DOB, if requested by the Owner, upon installation of the sidewalk shed. The Owner should, without delay, retain a professional to develop and oversee an appropriate repair and maintenance scope of work to address the UNSAFE condition(s) and similarly to address the SWARMP items within the timeline cited in the Report. The Owner should continue to monitor the conditions of the Building in the future under the guidance of a professional as time and exposure to the elements may cause change and deterioration. The Building is classified as UNSAFE per the criteria set forth in 1 RCNY 103-04. A FISP 3 Notification Form has been submitted to the Department upon discovery of the unsafe condition and prior to the submission of this Report.

A. Building Information

Address 41 MAIDEN LANE AKA Address

Block 67 Lot 1

BIN 1079043 Landmark Building

No

B. Owner Information

Landmark District

Owner Type Private Owner ERIK TANNER

C. Building Description

Height ±445'-0 Stories 44

Lot & Building Dimensions 1/261.71' x 286.4' Cert of Occupancy 121329936T008

Building Use Commercial and Office Building Approx. Year Built 1965

Exterior wall type Exterior wall material

Cross Streets

MASONRY CAVITY WALL	MASONRY

D. A detailed description of any settlements, repairs, or revisions to exterior enclosures since the previous report

There have been no additions or alterations to the exterior envelope of the Building since the last Cycle filing. Refer to Section I for details on all repairs to exterior envelope and maintenance work performed.

E. Procedures Used in Making the Critical Examination

performing the Critical Examination, visual inspections were conducted and observations were reasonably made of the Building facades and their components via close up physical examination (such as a swing stage scaffold, supported scaffold, rope access or boom lift) and from grade level, roofs and setbacks, balconies, and fire escapes (as available and accessible) at the subject Building and from roofs and setbacks of adjacent buildings when permitted. Magnification equipment, including telephoto camera lenses and binoculars, were utilized during the Critical Examination. Railing locations inspected were reviewed for structural stability and code compliance. HLZA reviewed industry standards, applicable codes and regulations in effect at the time of the construction of the Building. Conditions not subject to visual review (backup masonry, structural framing, concealed anchors, etc.) are beyond the scope of this Report.An inspection program was designed, taking into consideration the type of construction of the Building's envelope, age of the material components, the Building's specific exposure to environmental conditions and the presence of specific details and appurtenances. Consideration was given to the history of exterior wall maintenance and repairs as described in previous reports and job filings.1. Visual Inspections were conducted via observation from the following locations; Visual inspections were conducted from grade at street levels, main roof, roof terraces, fire stair case and setbacks on the building.2.Close-up inspections were not performed as HLZA observed hazardous conditions during the visual inspection. 3.Physical examination of the railings;Railings were reviewed for signs of significant lateral movement and random movement. The physical examination excluded any probes or invasive/ASTM testing.4.The representative sample of this Building's railings was determined to be 100% of roof railings at the Mid-Rise (66 John Street) building and 3% of fire escape railings at the Tower (59 Maiden Lane).100% of Roof railings are only located at the roof of 66 John Street and all interior side mounted railings were inspected. 3% of fire stair railings at 59 Maiden Lane were inspected due to the railings are all of the same construction and were a good representative sample.5. Cavity wall probes: Tower (59 Maiden Lane) was determined to be cavity wall construction, no probes were performed as only a visual inspection was conducted.

F. Rigger Information

QEWI First Name	HOWARD	QEWI Last Name	ZIMMERMAN	
Number of person(s) who conducted inspection and his/her relation to QEWI 1				
Person 1	Philip Wong	Relationship to QEWI	Employee	
Person 2		Relationship to QEWI		
Person 3		Relationship to QEWI		
Person 4		Relationship to QEWI		
Person 5		Relationship to QEWI		

Middle Initial

Rigger/Operator Info

First Name	Middle Illitial
Last Name	Business Name

Business Address City

State Zip Code

Business Telephone Business Fax

Mobile Phone Email

Rigger License#

Location(s) of close-up inspection & Plot Details

Close-up examinations were not performed as HLZA observed hazardous conditions during the visual inspections on grade at street levels, main roof, roof terraces, fire stair case and setbacks on the building with telephoto equipment on 10/23/2020. Inspection was conducted by Philip Wong of Howard L. Zimmerman Architects, P.C. under the supervision of the QEWI, Howard L. Zimmerman, R.A.

Dates of

inspection(s) Comments

2020-10-23 Initial Visual Inspection
2020-10-23 Final Visual Inspection

G. Description, location(s) and Classification of Conditions Observed

1.Building Envelope and Leaks:There were leaks reported at the time of the visual inspections. Building has reported water infiltrating from the exterior into the interior at the 43rd floor, during heavy rain storms.2.Façade Components:a.Masonry Pilasters and Exterior Walls - Tower (59 Maiden Lane)Description:The exterior walls and pilasters of the Tower are constructed of glazed brick masonry units in standard running bond. Intermediate spandrel panels under fenestration openings on the Tower are of glazed brick construction. Condition: Prior repairs of the glazed brick at the pilasters and walls are deteriorating and failing. New cracks at bricks are forming and missing brick masonry found. In addition, prior repairs at pilasters of the Tower (59 Maiden Lane) are incomplete. Location: Elevation(s): N.S.E.WFloor(s): 1 thru 44Photo:#1, 2, 3, 4, 5 Classification:UNSAFEb.Limestone Wall - Mid-Rise (66 John Street)Description:Mid-Rise building façade is constructed of limestone units.Condition:Since the last report repairs were conducted on the mid-rise building limestone façade. Since the repairs new spalling and cracking limestone conditions were observed on the façade.Location:Elevation(s): NFloor(s): 14 thru roofPhoto:#6, 7Classification:UNSAFEc.Window Frames - Tower (59 Maiden Lane)Description:Window frames are aluminum constructionCondition:Window frames was observed to be in satisfactory condition during the critical examination. Photo: #8Classification: SAFEd. Window Lites - Tower (59 Maiden Lane) Description: Window lites are of glass construction. Condition: Window lites was observed to be in satisfactory condition during the critical examination.Photo:#8Classification:SAFEe.Window Lintels - Tower (59 Maiden Lane)Description:Window lintels are steel constructionCondition:Window lintels was observed to be in satisfactory condition during the critical examination.Photo:#8Classification:SAFEf.Window Sills - Tower (59 Maiden Lane)Description:Window sills are aluminum construction.Condition:Window sills was observed to be in satisfactory condition during the critical examination.Photo:#8Classification:SAFEq.Bulkhead - Tower (59 Maiden Lane)Description:Water tower bulkhead is constructed of CMU backup with a glazed brick veneer. Interior supports consist of steel columns with concrete covering. Condition: Repairs have not been conducted since the filing of the last report. Since then the condition has been exhibiting further deterioration. Concrete covering of bulkhead beams are also showing signs of deterioration. Location: Elevation(s): S, E, N, WFloor(s): RoofPhoto:#9, 10Classification: UNSAFEh.Water Tower - Tower (59 Maiden Lane)Description:Water Tower is of wood and steel construction.Condition:Water tower was observed to be in satisfactory condition during the critical examination. Photo: #11Classification: SAFEi. Concrete - Tower (59 Maiden Lane) Description: Fire stair case landings are of reinforced concrete design.Condition:Fire stair landings are exhibiting cracks and spalling. Location:Elevation(s): NFloor(s): 1-44Photo:#12Classification:UNSAFEj.Expansion Joints - Tower (59 Maiden Lane)Description:Expansion joint is constructed of aluminum.Condition:Expansion joint is showing signs of displacement. Location:Elevation(s): SFloor(s): Photo:#13Classification:SAFE WITH REPAIR AND MAINTENANCEk.Stucco - Mid-Rise (66 John Street)Description:Stucco is constructed of cementitious coating. Condition:Stucco was exhibiting sighs of cracking at the return façade of John Street.Location:Elevation(s): WFloor(s): StreetPhoto:#14Classification:SAFE WITH REPAIR AND MAINTENANCE I. Window Frames - Mid-Rise (66 John Street) Description: Window frames are of steel constructionCondition:Window frames was observed to be in satisfactory condition during the critical examination. Photo:#15Classification:SAFEm.Window Sash - Mid-Rise (66 John Street)Description:Window sash is of steel construction. Condition:Window sash was observed to be in satisfactory condition during the critical examination. Photo:#15Classification:SAFEn. Window Lites - Mid-Rise (66 John Street)Description:Window lites is of glass construction.Condition:Window lites was observed to be in satisfactory condition during the critical examination.Photo:#15Classification:SAFEo.Window Lintels - Mid-Rise (66 John Street)Description:Window lintels are limestone constructionCondition:Window lintels was observed to be in satisfactory condition during the critical examination.Photo:#15Classification:SAFEp.Window Sills - Mid-Rise (66 John Street)Description:Window sills are limestone construction.Condition:Window sills was observed to be in satisfactory condition during the critical examination.Photo:#15Classification:SAFEq.Bulkhead - Mid-Rise (66 John Street)Description:Stair bulkheads are of glazed brick construction. Condition: Stair bulkheads was observed to be in satisfactory condition during the critical examination.Photo:#16Classification:SAFEr.Marble Cladding - Tower (59 Maiden Lane) and Mid-Rise (66 John Street)Description:Columns at the base of Tower and storefronts at the Mid-Rise are cladded with marble panels. Condition: Repairs have not been conducted since the last filing of the report. Marble cladding panels and soffit above store fronts at Mid-Rise are exhibiting deteriorated sealant joints, localized displacement and cracking.Location:Elevation(s): N, EFloor(s): Street LevelPhoto:#17, 18Classification:UNSAFE

Ga. Appurtenances

a.Exterior FixturesDescription:Exterior fixtures are in the form of security cameras and light fixtures.Condition:Exterior fixtures was observed to be in satisfactory condition during the critical examination.Photo:#19Classification:SAFEb.SignsDescription:Signs can be found on the street level of the Tower and Mid-Rise building. Condition:Signs was observed to be in satisfactory condition during the critical examination.Photo:#20Classification:SAFEc.Window A/C Unit – Mid-Rise (66 John Street)Description:Window air conditioners installed with either interior or exterior brackets.Condition:Window A/C Units was observed to be in satisfactory condition during the critical examination. Window a/c units were verified by Building Staff to be installed with either an exterior bracket or interior angle. Building management, personnel and residents are to verify that the future installation of window mounted units comply with applicable codes and regulations.Classification:SAFE

Gb. Balcony, guardrail, handrail and parapet statement

a.Parapet Walls and Copings - Tower (59 Maiden Lane) and Mid-Rise (66 John Street)Description:The parapet wall is comprised of a 33" masonry parapet wall including a 13" tall marble coping stone for total height above finished roof of 46". Parapet is compliant with the New York City 1938 building code. Condition: Repairs have commenced at the Tower parapet on the north façade but have not been completed. Displaced parapets at Tower roof have also not been repaired. Inboard side of parapets have also not been repaired since the last report. Repairs of Mid-Rise parapet displacement have not been conducted.Location:Elevation(s): N,S,E,WFloor(s): Roof of Tower and Mid-Rise RoofPhoto:#21, 22, 23Code Compliance: The parapet walls are considered to be code compliant with the code in effect at the time of construction. Structural Stability: The parapet walls are not considered to be structurally stable at the time of examination. They are not positively secured against movement.Classification:UNSAFEb.Railings - Fire Stair - Tower (59 Maiden Lane)Description:Railings are steel top mounted to concrete landing slabs. The railing height is 49" above finished floor with diamond grate that have a maximum spacing of 1". Railing is compliant with the New York City 1938 building code. Condition: Railing was observed to be in satisfactory condition during the critical examination. Photo: #24Code Compliance: The railings are considered to be code compliant with the code in effect at the time of construction. Structural Stability: The Railings are considered to be structurally stable at the time of examination. They are positively secured against movement. Classification: SAFEc. Protective Guards - Mid-Rise (66 John Street)Description:Protective guard assembly is comprised of a 32" masonry parapet wall and side mounted aluminum picket railing for total height above finished roof of 47". The pickets have a maximum spacing of 4". Protective guard is compliant with the New York City 1938 building code. Condition: Protective guard was observed to be in satisfactory condition during the critical examination.Photo:#25Code Compliance:The protective guards are considered to be code compliant with the code in effect at the time of construction. Structural Stability: The protective guards are considered to be structurally stable at the time of examination. They are positively secured against movement. Classification: SAFE

H. Causes of Conditions Observed

UNSAFE conditions were observed at the time of inspection as stated above in Section G, Ga. and Gb. The UNSAFE conditions are a result of time and exposure to the elements and/or previously cited SWARMP conditions were not remedied prior to this critical examination. Additional SWARMP conditions were observed at the time of inspection as stated above in Section G, Ga. and Gb.An Unsafe Notification (FISP3) was completed and submitted to the DOB following the inspection. The Owner was notified of the Building's condition and was instructed to install a sidewalk shed immediately.

I. Status Report of Exterior Maintenance

The Owner completed some of the required 7th Cycle SWARMP repairs, however not all items were completed. Please see Section J for a complete comparison of items. Additionally, there are several items which are new maintenance items and have been listed in Section G, Ga and Gb. 1. Work performed; a. Limestone patching, pinning and dutchman repairs at limestone cladding of mid-rise building. b. Repairs to the inboard side of the parapet at the mid-rise building. c. Repair of displaced coping stones at the mid-rise building. d. Repair of the corroded existing steel louver frames at the mid-rise building.

Ja. Comparison Chart of Conditions Reported for current and previous cycle

Prior Filing Cycle 7 Current Filing Cycle 9

Prior Filing Status UNSAFE Current Filing Status UNSAFE

Are any of the conditions noted above SWARMP conditions reported as requiring repair from the previous

cycle?

The 7th Cycle FISP inspection and report, generated by Consulting Associates of NY, Inc., was filed on August 21, 2012. with the inspections performed on 4/3/2012 – 6/26/2012. The report has been reviewed by HLZA and it cited the Building as UNSAFE. Conditions Cited in 7th Cycle Report Cited Status of ConditionsMid-Rise: Displaced coping stones on north and east elevation 17th floor and setback roofs. CompletedMid-Rise: Widespead spalling of limestone on north and east elevations of the mid-rise building CompletedMid-Rise: 17th floor perimeter railing anchorage failure at east, north and west elevations CompletedTower: Spalling face brick glazing at north elevation Tower roof parapet. Not CompletedTower: Concrete spalling at fire stairwell on east elevation return lot-line wall. Not CompletedTower: Corner masonry cracking at northeast corner of water tank screen wall. Not CompletedTower: Corner cracking and spalling brick at north elevation lot-line wall at fire stairwell. Not CompletedMid-Rise: Existing steel framed fenestration openings on north and east elevations were observed to be significantly deteriorated due to corrosion.

CompletedMid-Rise: Parapet displacement at the south and east elevation, 17th floor mid-rise roof setback.Not CompletedTower: Minor parapet displacement at the north elevation Tower roof. Not CompletedTower: Localized cracked masonry at column piers on the south, east and north elevations and at shelf angles on lot-line blind walls.Not CompletedTower: Surface crazing of glazed face-brick at the south elevation Tower roof parapet and spalling of glazed face-brick on the inboard side of the south elevation Tower roof parapet. Not CompletedTower: Localized displacement and sealant failure of the marble storefront coping at the base of the Tower on the south and east elevations.Not CompletedAccording to DOB records and our inspections the required work for the 8th Cycle was not completed.

Jb. Work permit numbers, status & sign off dates

Job NumberPermit Type Sign-Off Date121609795DOB Work Permit121045127Shed Permit N/A Pipe Scaffold Permit

Jc. ECB Violation numbers and the status of the repairs of the conditions cited in the ECB violations

a.37019184Y - Failure to file accepted amended cycle 7b report indicating correction of unsafe condition in initial facades report required by 28-302.5 for control #700186. Ownership is in the process of remediating violation.b.35472225Y - Failure to provide flagger during sidewalk shed being erected. Ownership is in the process of remediating violation.c.37013255P - Failure to submit a required cycle 8b report of critical examination documenting condition of exterior wall and appurtenances required by 28-302.4 for control # 800186. Ownership is in the process of remediating violation.d.37009723P - failure to comply with commissioners order contained in summons/violation #35264131r issue on 07/12/17,and to file a certificate of correction pursuant to 28.201.1 and 1rcny 102-01(d)(2). Ownership is in the process of remediating violation.e.35264131R - Failure to maintain exterior building roof interior side parapet-spalling brick-ne corner bulkhead stair 1 spalling brick-rusting cabinet no cover.roof beams and columns cover vertical and horizontal cracking-north. Ownership is in the process of remediating violation.f.36023742P - Failure to file an acceptable amended cycle 7 report to this dept indicating correction of unsafe conditions described in initial local law fisp report. Ownership is in the process of remediating violation.

K. Recommendations for Repairs or Maintenance

Repairs and maintenance are recommended as a result of the Critical Examination. All UNSAFE items listed in Section G, Ga. and Gb. shall be repaired without delay. All SWARMP items listed in Section G, Ga. and Gb. shall be repaired prior to the date indicated below.1.Deadline for SWARMP Repairs: October 30, 2025 All UNSAFE items listed in Section G, Ga. and Gb. shall be repaired prior to the date indicated below.1.Deadline for UNSAFE Repairs: October 30, 2025The Owner should continue to monitor the conditions of the Building in the future under the guidance of a professional as time and exposure to the elements may cause change and deterioration. The Owner is responsible for ensuring the UNSAFE conditions described in section G, Ga and Gb. are corrected and all actions recommended by the QEWI are completed within the timeframe noted above. The Owner must notify the DOB of any deviation from the timeframe and supporting documents from the QEWI justifying the request must be provided when submitting the Subsequent report.

L. Required Work Permits

1.Repair and maintenance items to be performed under 1 RCNY 101-14 permit requirements:a.Patching, pinning, and dutchman repairs at limestone cladding.b.Replace spalling face brick at Tower locations.c.Patch concrete fire stair landings with new concrete repair mortar.d.Rebuild displaced parapets at the Tower.e.Remove and reset displaced stone cladding with new anchorage and replace sealants with new at the base of the Tower.f.Repair of expansion joint on South façadeg.Repair of stucco at Mid-Rise.h.Repair of concrete cover on beams at Tower bulkhead.2.Repair and maintenance items to be performed which do not require a permit:a.Replace localized cracked masonry at column piers and at shelf angles on lot-lined blind walls.b.Repair of mortar joints.

M. Current Report Classification

UNSAFE