DESIGN & CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 1 TO PROJECT NO. Q1953-C

CONSTRUCTION WORK
DEMOLISH BUILDING
JACKIE ROBINSON YOUTH CENTER
1024 FULTON STREET
BROOKLYN, NY

April 10, 2026

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

BIDDING REQUIREMENTS

1. DOCUMENT 001114 ADVERTISEMENT FOR BIDS: The last date for receipt of bids is changed from Wednesday, April 15, 2026, to Wednesday, April 29, 2026.

SPECIFICATION GROUP

2. Page 014100.02-3, Article 1.4, Add the following Subparagraph:

   "C. NYCTA (MTA) Demolition Permit and NYC Parks Tree Permit have been issued/approved. Contractor is responsible for taking over and maintaining these permits for the duration of the project. Contractor shall also maintain required MTA insurance, as outlined on Drawing C-010 and C-011, and as required by MTA."

3. Page 014100.02-3, Article 1.4 B.1, Add the following Subparagraphs:

   "h. NYC Department of Transportation Permits: Street Closure Permit, Sidewalk Closure Permit, Barrier Permit, Equipment Permit, and Sign Permit (parking closure).

   i. NYC Parks Construction Permit – for access/staging/storage/work"

APPENDIX

4. DRAFT SITE SPECIFIC VARIANCE PETITION: Discard the Document bound in the Project Manual and substitute the accompanying Document (pages 1 through 144) noted APPROVED SITE-SPECIFIC VARIANCE – FILE NO. SH-66XPX.

5. NYCTA (MTA) DEMOLITION PERMIT: Add the accompanying Document (pages 1 through 6) to the Project Manual.

6. NYC PARKS TREE PERMIT: Add the accompanying Document (pages 1 through 3) the Project Manual.

DRAWINGS

7. Drawing No. C-001:
   a. Contractor's Duties & Limit of Engineer's Responsibility Notes, Add the following note:

      "14. THE CONTRACTOR SHALL PROVIDE ALL SITE INVESTIGATION SERVICES, PERFORMED BY A QUALIFIED PROFESSIONAL, AS OUTLINED IN THE ESD PRE-DESIGN INVESTIGATION SCOPES OF WORK IN THE PROJECT MANUAL:

      A. SURVEY – TOPOGRAPHICAL/ARCHITECTURAL SURVEY PERFORMED BY A LICENSED NYS LAND SURVEYOR. INCLUDE THE LOCATIONS OF BOTH THE BORINGS AND MONITORING WELLS DESCRIBED IN NOTE 14.B AND 14.C. PROVIDE RAW CAD SURVEY FILES AS A SUBMITTAL.

      B. PHASE II INVESTIGATION FIELDWORK – PERFORMED BY A QUALIFIED ENVIRONMENTAL PROFESSIONAL. FOR THE PURPOSES OF BIDDING, ASSUME FIVE (5) GEOPROBE BORINGS TO A DEPTH OF 20-FEET, TWO (2) GEOPROBE BORINGS TO A DEPTH OF 75-FEET, THREE (3) MONITORING WELLS TO A DEPTH OF 75-FEET, AND SIX (6) SOIL VAPOR PROBES. COORDINATE LOCATIONS OF THE BORINGS, MONITORING WELLS, AND SOIL VAPOR PROBES WITH THE DIRECTOR'S REPRESENTATIVE. ASSUME DISPOSAL OF UP TO FIVE (5) 55-GALLON DRUMS OF INVESTIGATION-DERIVED WASTE. PROVIDE RAW BORING DATA AS A SUBMITTAL, INCLUDING BORING LOGS, ORIGINAL DATA ANALYSIS REPORTS, AND ALL OTHER DATA.

      C. GEOTECHNICAL ENGINEERING – PERFORMED BY A QUALIFIED SUBSURFACE INVESTIGATION FIRM. FOR THE PURPOSES OF BIDDING ASSUME OBTAINING A PERMIT FROM NYCT, SEVEN (7) BORINGS TO A DEPTH OF 100-FEET AND ONE (1) MONITORING WELL INSTALLATION FOR GROUNDWATER LEVEL MONITORING; COORDINATE LOCATIONS ON SITE WITH THE DIRECTOR'S REPRESENTATIVE. PROVIDE RAW BORING DATA AS A SUBMITTAL, INCLUDING BORING LOGS, ORIGINAL DATA ANALYSIS REPORTS, AND ALL OTHER DATA."

END OF ADDENDUM

Brady Sherlock, P.E.
Director, Division of Design
Design & Construction

STATE OF NEW YORK
DEPARTMENT OF LABOR
STATE OFFICE BUILDING CAMPUS
ALBANY, NEW YORK 12226-0100

Variance Petition

of

CHA Consulting, Inc.
Petitioner's Agent on Behalf of

Office of General Services (OGS)
Petitioner

in re

Premises: Vacant Building – Former Jackie Robinson Center
1024 Fulton Street
Brooklyn, New York 11238

Interior & Exterior ACM Incidental Disturbance Debris Cleanup & Removals

File No. SH-66XPX

DECISION

Cases 1-7

ICR 56

The Petitioner, pursuant to Section 30 of the Labor Law, having filed Petition No. SH-66XPX on March 31, 2026, with the Commissioner of Labor for a variance from the provisions of Industrial Code Rule 56 as hereinafter cited on the grounds that there are practical difficulties or unnecessary hardship in carrying out the provisions of said Rule; and the Commissioner of Labor having reviewed the initial submission of the petitioner dated March 31, 2026; and

Upon considering the merits of the alleged practical difficulties or unnecessary hardship and upon the record herein, the Commissioner of Labor does hereby take the following actions:

General Relief

Case No. 1	ICR 56-4.7(c)(3)
Case No. 2	ICR 56-6
Case No. 3	ICR 56-7.5(b)
Case No. 4	ICR 56-7.8(a)(1)(11)
Case No. 5	ICR 56-8.2(d) **– Denied**

RWA 1 & 2: Interior Friable ACM Incidental Disturbance Debris Cleanup & Removals:

Case No. 6	ICR 56-11.2(f)(4)

RWA 3: Exterior Non-friable ACM Incidental Disturbance Debris Cleanup & Removals:

Case No. 7	ICR 56-11.6

VARIANCE GRANTED. The Petitioner's proposal for interior & exterior ACM incidental disturbance debris cleanup & removals as stated in the attached proposal at the subject premises in accordance with the attached 137-page stamped copy of the Petitioner's submittal is accepted with modifications noted; subject to the Conditions noted below:

THE CONDITIONS

1. As written with modification as noted.

Full-Time Project Monitor:

2. A full-time independent project monitor (PM) shall be on site and is responsible for oversight of the abatement contractor during all abatement activities to ensure compliance with ICR 56 requirements and variance conditions.

3. In addition, the PM shall ensure that no visible emissions are generated during abatement activities. If visible emissions are observed, work practices shall be altered according to the PM's recommendations.

4. The PM shall perform the following functions during asbestos abatement projects in addition to functions already required by ICR-56:

    a. Inspection of the interior of the asbestos project work area made at least twice every work shift accompanied by the Asbestos Supervisor.
    b. Observe and monitor the activities of the asbestos abatement contractor to determine that proper work practices are used comply all applicable asbestos laws and regulations.
    c. Inform the asbestos abatement contractor of work practices that, in the PM's opinion, pose a threat to public health or the environment, and are not in compliance with ICR-56 and/or approved variances or other applicable asbestos rules and/or regulations.
    d. Document in the Project Monitor Log observations and recommendations made to the Asbestos Supervisor based upon the interior/exterior observations of the asbestos project made by the PM.
    e. Duties specified in variances issued for the project.

5. The PM shall alert the local District Office of the NYSDOL Asbestos Control Bureau whenever, after the PM has provided recommendations to the Asbestos Supervisor, unresolved conditions remain at the asbestos project site which present a significant potential to adversely affect human health or the environment.

6. The PM is not onsite to direct the abatement workers in their work. That is the responsibly of the Contractor's designated Supervisor. The ultimate

caliber of work performance and quality of the completed project is the responsibility of the contractor who performs the work.

7. The PM is not responsible for enforcing Local, State, Industry, or Federal regulations, rules or codes which are not directly applicable to the contracted asbestos abatement activities. These would include, but not limited to, fire codes, electrical codes, building codes, wage rates schedules, etc. While the PM is not responsible for enforcement of these items, the Contractor is still responsible for compliance with such requirements as applicable.

8. The PM is responsible for any duties specified in his/her contract with the owner.

9. All generated waste removed from the site must be documented, accounted for, and disposed of in compliance with the requirements of NESHAPS and NYSDEC.

Remote Personal Decontamination Units:

10. Remote Decontamination Units as per ICR 56-7.5(d) **are allowed** for this project. If during abatement of the material, visible emissions are observed, then the decontamination unit will need to be attached.

11. Remote Personal Decontamination Units must be located on-site and within 50 foot of the structure that is subject to abatement. These enclosure systems shall be removed only after satisfactory clearance air monitoring results have been achieved or the abatement project is complete. The walkway from the regulated abatement work area to the decontamination system or next work area shall have a cleared pathway. This walkway will be delineated and separated from non-certified personnel access.

12. The pathway to the decontamination unit will need to be properly cleaned and cleared before the homeowner will be able to access the area.

13. Each restricted area shall have an attached air lock within which workers shall remove their outer suit, wipe off their inner suit and don a clean outer suit prior to proceeding to another work area or to the remote decontamination unit over a walkway as defined above.

14. If remote decontamination units are to be used, an airlock as defined in Subpart 56-7.5(b)(11) of this Code Rule shall be constructed at the entrance to each restricted area and shall be large enough to serve as a changing area. Within the airlock, workers shall remove their outer suit, wipe off their inner suit and don a clean outer suit prior to proceeding to another work area or to the remote personal decontamination unit over a walkway as

defined above. The airlock/changing area shall not be used as a waste storage area.

15. Waste decontamination shall comply with ICR 56-7.5(f).

16. The restricted areas regulated abatement work areas, decontamination units, airlocks, and dumpster areas shall be cordoned off at a distance of twenty-five feet (25') and shall remain vacated except for certified workers until satisfactory clearance air monitoring results have been achieved or the abatement project is complete. These areas shall have Signage posted in accordance with Subpart 56-8.1(b) of this Code Rule.

RWA 1 & 2: Interior Friable ACM Incidental Disturbance Cleanup & Removal:

17. Once the regulated abatement work area is occupied by the abatement contractor, the asbestos project begins, and PPE shall be worn at all times even during Preparation.

18. A personal decontamination enclosure system that complies with Subpart 56-7.5 shall be utilized. A waste decontamination enclosure system that fully complies with Subpart 56-7.5 shall be utilized. These enclosure systems **must be attached (contiguous)** to the regulated abatement work area and shall be removed only after satisfactory clearance air monitoring results have been achieved for the regulated abatement work area.

19. All non-porous wall, ceiling, floor surfaces, fixtures, and movable and fixed objects contaminated with asbestos debris shall be cleaned as part of this abatement project. All Porous materials, debris, furnishings, waste generated, including carpets if any, shall be disposed of as RACM.

20. Any Heating, ventilation, and air conditioning (HVAC) system(s) located in the abatement area shall be shut down and isolated from potential disturbance of asbestos materials and including work activities. This shutdown is required to prevent any contamination and asbestos dispersal to other areas of the building or structure.

21. Prior to removal of ACM and ACM debris, installation of critical barriers as per ICR 56-7.11 (a) and establishment of negative air as per ICR 56-7.8 shall be completed. All visible accumulations of ACM in the area of the critical barriers shall be cleaned as per ICR 56-7.10 (c)(1) prior to installation of the barriers.

22. Two-layer six-mil fire retardant plastic sheeting may be used as critical/ isolation barriers as per ICR 56-7.11(b). These plastic sheeting isolation barriers shall be adequately supported for the duration of the asbestos project. All isolation barriers shall remain in place until receipt of satisfactory clearance air results for the regulated abatement work area.

23. Installation of wall and ceiling plastic sheeting is not required on removal surfaces and surfaces that are potentially contaminated and shall be cleaned as part of the asbestos project and in accordance with ICR 56-11.7(b)(5).

24. When relief is granted to not plasticize or when a tent/enclosure unit is used, one thorough cleaning as described in ICR 56-9.1(e) and one settling, waiting period shall suffice, except when an air test fails.

25. A minimum of 8 air changes per hour must be observed once the negative air has been established. A minimum four-hour pre-abatement settling period as per 56-8.2(b) shall elapse once the negative air has been established.

26. One layer of 6-mil fire retardant plastic sheeting shall be used as a dropcloth below ACM removal locations. The dropcloth may be limited to beneath the immediate removal locations and the surrounding ten (10) feet.

27. Glovebags shall be utilized for intact pipe insulation removals in accordance with ICR 56-8.4(a).

28. The contractor shall observe, at a minimum, twelve-hour waiting (settling/drying) periods.

29. After a minimum waiting/drying period has elapsed, the Project Monitor shall determine if the area is dry and free of visible asbestos debris as per 56-9.1(d)(1). If the area is determined to be acceptable, the Project Monitor may authorize clearance air sampling to be performed in accordance with ICR 56-9.2(d).

30. After abatement of the asbestos and asbestos debris, all plastic sheeting and tape will be treated as contaminated material and properly disposed of asbestos waste at the end of the project.

Air Sampling from Elevated Exhaust Ducts:

31. Elevated exhaust ducts do not need to be sampled provided there is no access by non-certified personnel to within 25 feet of the end of the duct. Sampling of ground level, roof level and discharge locations adjacent to areas where non-certified personnel have access is required.

32. When air samples are not collected at the exhaust discharge, the sample shall be taken at another project location (e.g. another critical barrier).

Negative Pressure Air Machine Shutdown:

33. If negative air machines must be shut down at the end of each work day, the negative air machines must continue to run for a minimum of thirty minutes following completion of all abatement/cleaning activity for the day.

Once the thirty-minute time period has elapsed, all accesses to the regulated abatement work area shall be sealed airtight, after all workers have exited the work area.

34. When re-establishing the work area in the morning, wait 30 minutes after the manometer reads a minimum of .02" of water pressure differential before entering the work area.

Exhausting to Interior Space:

35. Negative pressure ventilation units that cannot be exhausted to the outside of the building or structure shall be directed to an unoccupied, controllable location within the building/structure.

36. This location shall be accessible for the placement of air monitoring equipment as required by the applicable sections of this code.

37. A controllable area shall be defined as an existing, vacant room or an area within a larger space isolated, consistent with ICR 56-7.4, by barrier tape and warning signs. This location shall be adequately sized to accommodate the increase in positive pressure to the area.

38. All openings within 25 feet of the Negative air machine exhaust termination shall be sealed with two layers of six (6) mil fire retardant polyethylene.

39. Air monitoring shall be conducted at each tube when exhausting to an interior space. Banking of tubes for air monitoring is not permitted.

40. If elevated air samples are indicated, work shall stop immediately. The faulty negative air machine shall be taken out of service and repaired. A replacement machine shall be installed to maintain the required negative air pressure differential in the work area. The replacement negative air machine shall be started immediately.

41. Elevated air samples results shall be submitted to the Commissioner as required by ICR 56-4.10 (a)

42. Then all surfaces within area where the faulty negative air machine is exhausting to shall be wet wiped and HEPA vacuumed. The Project Monitor shall conduct a visual inspection of the area prior to resumption of work.

43. A summary of the cleanup activities and negative air machine repairs shall be documented in the Supervisor’s daily log.

RWA 3: Exterior Non-friable ACM Incidental Disturbance Debris Cleanup & Removals:

44. The provisions of 56-11.6 shall be followed for exterior non-friable ACM roofing debris removals, except as modified by this variance.

45. Usage of this variance is limited to those asbestos removals identified in this variance or as outlined in the Petitioner's proposal.

In addition to the conditions required by the above specific variances, the Petitioner shall also comply with the following general conditions:

GENERAL CONDITIONS

1. A copy of this DECISION and the Petitioner's proposals shall be conspicuously displayed at the entrance to the personal decontamination enclosure.

2. This DECISION shall apply only to the removal of asbestos-containing materials from the aforementioned areas of the subject premises.

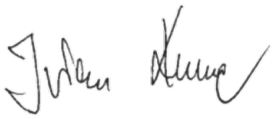
3. The Petitioner shall comply with all other applicable provisions of Industrial Code Rule 56-1 through 56-12.

4. The NYS Department of Labor Engineering Service Unit retains full authority to interpret this variance for compliance herewith and for compliance with Labor Law Article 30. Any deviation to the conditions leading to this variance shall render this variance Null and Void pursuant to 12NYCRR 56-12.2. Any questions regarding the conditions supporting the need for this variance and/or regarding compliance hereto must be directed to the Engineering Services Unit for clarification.

5. This DECISION shall terminate on **April 30, 2027.**

Date: April 2, 2026.

ROBERTA REARDON
COMMISSIONER OF LABOR

By  For

Chek Beng Ng, P.E.
Professional Engineer 2 (Industrial)

PREPARED BY: Demissie Woyecha, P.E.
Professional Engineer 1 (Industrial)

REVIEWED BY: Chek Beng Ng, P.E.
Professional Engineer 2 (Industrial)

Draft SSV Petition – 1024 Fulton Street Demolition

Answer to Question 11 - Request for Relief & Proposed Methods

The building was found to contain intact ACMs as well as asbestos debris. Due to the lack of active utilities within the building, its overall configuration and condition, and location within the city of Brooklyn, NY, CHA is submitting this variance to not only inform NYSDOL of asbestos debris in excess of 10 sf but also to propose alternate work methods and additional request relief from specific subsections of Title 12 of the New York Codes, Rules and Regulations Part 56 (12 NYCRR 56), also known as New York State Industrial Code Rule 56 (NYSICR 56) in order to clean the debris-contaminated surfaces and prepare for building demolition. The debris scenarios and their proposed cleanup procedures are summarized and outlined below.

There are three basic debris scenarios present within the subject building:

- Non-friable roofing debris on the first-floor terrazzo floor along the west side of the building resulting from a partial roof collapse.
- Perimeter vertical runs (~4 linear feet) of damaged pipe insulation along the walls within the first and second floors.
- Areas of pipe insulation debris on the wood floor along the south wall on the third floor.

Each of the three debris scenarios listed above will entail unique work area prep and removal techniques to achieve a clean/cleared work area. The debris cleanup procedures for each are outlined below.

1. Non-Friable Roofing:

The non-friable roofing on the first floor of the subject building will be performed in accordance with ICR 56 11.6 “Exterior Project Removal of Non-Friable Asbestos Roofing…” given the open-air condition of the building and the configuration of the roofing debris itself.

Limited - The abatement work shall be performed in accordance with ICR 56-11.6.

2. Perimeter Pipe Runs and Debris:

The removal of the perimeter vertical runs of damaged asbestos pipe insulation along the walls shall be performed in accordance with ICR 56 11.2 “Emergency Projects”. Although the quantity of overall material at each pipe insulation/debris location exceeds that of a minor project, CHA believes that handling the pipe insulation removals and debris cleanup in accordance with Subpart 11.2 is the most feasible given the unoccupied nature of the building as it is prepared for demolition. Due to the fact that there is intact pipe insulation within the area of debris, CHA seeks relief from the following Subpart of ICR 56-11.2:

Case No. 1: ICR 56-11.2(f)(4): CHA requests to have the abatement contractor remove the damaged/intact pipe insulation within the same tent containment as the related asbestos debris. This will allow a prompt cleanup of debris and remove the possibility of future disturbance and asbestos debris.

Proposed Procedures – Debris and Intact TSI Removals

1. Removals and cleanup will include all intact pipe insulation and all confirmed asbestos debris located on the floor as summarized in the survey report. The horizontal surfaces and any movable and fixed objects contaminated with asbestos debris will be decontaminated or disposed of as asbestos as part of this abatement project.

2. The installation of poly sheeting is not required on contaminated surfaces that will be cleaned as part of the asbestos project.

3. Asbestos debris cleanup shall occur first within each work area.

4. Once the debris is removed and the impacted surfaces undergo a single (successful) visual inspection by the project monitor, the intact pipe insulation removals shall be completed by glove-bag in accordance with ICR 56-8.4(a).

5. One additional thorough cleaning as described in ICR 56-9.1(e) and one settling/drying period shall suffice, except when an air sample test fails.

6. After a minimum waiting/drying period has elapsed, the Project Monitor shall determine if the area is dry and free of visible asbestos debris as per 56-9.1(d)(1). If the area is determined to be acceptable, the Project Monitor will complete work area clearance air sampling per 56-9.2(d).

3. Areas of pipe insulation debris on the wood floors

The removal of the horizontal runs of damaged asbestos pipe insulation along the south wall within the second and third floors and asbestos debris cleanup shall be performed in accordance with ICR 56 11.2 “Emergency Projects”. Although the quantity of overall material at each pipe insulation/debris location exceeds that of a minor project, CHA believes that handling the pipe insulation removals and debris cleanup together in accordance with Subpart 11.2 is the most feasible given the unoccupied nature of the building as it is prepared for demolition. Due to the fact that there is intact pipe insulation within the area of debris, CHA seeks relief from the following Subpart of ICR 56-11.2 for this debris scenario as well:

Case No. 1: ICR 56-11.2(f)(4): CHA requests to have the abatement contractor remove the damaged/intact pipe insulation within the same tent containment as the related asbestos debris. This will allow a prompt cleanup of debris and remove the possibility of future disturbance and asbestos debris.

Proposed Procedures – Debris and Intact TSI Removals

1. Removals and cleanup will include all intact pipe insulation and all confirmed asbestos debris located on the floor as summarized in the survey report. The horizontal surfaces and any movable and fixed objects contaminated with asbestos debris will be decontaminated or disposed of as asbestos as part of this abatement project.

2. The installation of poly sheeting is not required on contaminated surfaces that will be cleaned as part of the asbestos project.

3. Asbestos debris cleanup shall occur first within each work area. In areas where the debris is present on wood floors, the contractor shall remove the top layer of wood flooring within the impacted areas due to the difficulty of cleaning asbestos debris from the wood. The floorboards will be manually removed or cut with HEPA-shrouded power tools per ICR 56-7.2 (O).

4. Once the debris (and portions of wood floor) is removed and the impacted surfaces to remain undergo a single (successful) visual inspection by the project monitor, the intact pipe insulation removals shall be completed by glove-bag in accordance with ICR 56-8.4(a).

5. One additional thorough cleaning as described in ICR 56-9.1(e) and one settling/drying period shall suffice, except when an air sample test fails.

6. After a minimum waiting/drying period has elapsed, the Project Monitor shall determine if the area is dry and free of visible asbestos debris as per 56-9.1(d)(1). If the area is determined to be acceptable, the Project Monitor will complete work area clearance air sampling per 56-9.2(d).

General Relief for the remaining scope items:

Subpart 56-6 Background Air Sampling – To clarify, no background air samples will be collected for this project as a portion of the work will involve cleanup of an incidental disturbance. The daily and final clearance criteria for all work areas will be <0.01 fibers per cubic centimeter (f/cc).

56-4.7(c)(3)

Subpart ~~7.1 (c)(4)~~ - Air Sampling at Negative Air Exhaust – The work areas include floors 1-3 of the subject building and therefore all of the negative air exhaust locations will be located above the ground level and will terminate at the windows. These exhaust locations will limit the ability to place air samples within 10 feet of the negative air exhausts. Since non-certified personnel will have no access to the end of these ducts, CHA proposes that the negative air exhaust termination air samples on upper floors be eliminated.

Subpart 7.5 (b) – Personal Decontamination Unit - Large Project – This subpart dictates that a full five-chamber personal decontamination unit be constructed for large size work areas. CHA is requesting that a small three chamber personal decontamination unit remote to the work areas be allowed as it will take up considerably less space and will not impede egress pathways, etc.

Subpart 56-7.8(a)(1) Engineering Controls (Negative Air Pressure Equipment Operation) – Negative air pressure will be established within the work area per 56-7.8(a) however since there is no electric service to the building and all power to the work areas will be provided via gas-powered generators, CHA is seeking relief from 56-7.8(a)(1) which states that “negative air pressure equipment shall operate continuously, 24 hours a day, from startup of negative air pressure equipment, through the cleanup operations and satisfactory clearance air sampling results being obtained, or the asbestos project is complete.” In lieu of 24 hour operation of negative air pressure equipment, CHA requests that the following procedure be implemented:

1. Until completion of the project; if negative air machines and generators must be shut down at the end of each work day, the negative air machines must continue to run for a minimum of 30 minutes following completion of all abatement/cleaning activity for the day. Once the 30 minute time period has elapsed, all accesses to the regulated work area shall be sealed airtight, after all workers have exited the work area.

When re-establishing the work area in the morning, wait 30 minutes after the manometer reads a minimum of .02” of water pressure differential before entering the work area.

Subpart 56-7.8(a)(11) – Exhaust Location - Protection of Receptors within 15 Feet

The negative air exhausts from each floor where abatement work is occurring will be within 15 feet of the windows one floor below and one floor above that work area. Given the large size of the containments, the number of the windows requiring critical barriers, and due to the height of the building, the windows would likely be sealed from the inside. To increase the efficiency of this process and minimize the potential for the poly to detach from the deteriorated window

frames over time we propose that in lieu of two layers of poly, duct tape be used to seal all interior seams of operable portions of the windows. We believe this will increase the long-term viability of the protection and minimize the potential for poly to detach and require maintenance throughout the project.

Subpart 56-7.8(a)(11) – Exhaust Location

In the event that the negative air cannot be exhausted to the exterior of the building, CHA proposes the following:

1. Negative pressure ventilation units that cannot be exhausted to the outside of the building or structure shall be directed to an unoccupied, controllable location within the building.

2. This location shall be accessible for the placement of air monitoring equipment as required by the applicable sections of CR56.

3. A controllable area shall be defined as an existing, vacant room or an area within a larger space isolated by barrier tape and warning signs. This location shall be adequately sized to accommodate the increase in positive pressure to the area.

4. All openings within 25 feet of the negative air machine exhaust termination shall be sealed with two layers of fire retardant polyethylene.

5. Air monitoring shall be conducted at each tube when exhausting to an interior space. Banking of tubes for air monitoring is not permitted.

6. If elevated air samples are indicated, work shall stop immediately. The faulty negative air machine taken out of service and repaired. A replacement machine shall be installed to maintain the required negative air pressure differential in the work area.

7. Elevated air samples results shall be submitted to the Commissioner as required by ICR 56-4.10(a).

8. All surfaces within the area where the faulty negative air machine is exhausting to shall be wet wiped and HEPA vacuumed. The Project Monitor shall conduct a visual inspection of the area prior to resumption of work. A summary of the cleanup activities and negative air machine repairs shall be documented in the Supervisor’s daily log.

Subpart 56-8.2(d) – Inspection of Barriers – The subject building is vacant and unoccupied and the abatement work areas will be locked and inaccessible on days when no abatement work is scheduled to occur. Inspection of critical barriers on “off” days creates a hardship in that State personnel will be required to be on site on those days to grant access to the building and work areas. As such, we request relief from the requirement that the contractor visits the site to inspect critical barriers on “off” days. The project supervisor shall inspect the integrity of the critical barriers prior to the start of work following off-days.

Denied - The supervisor may designate a trained and certified handler employee to perform the required inspection and repairs necessary on days with no work.

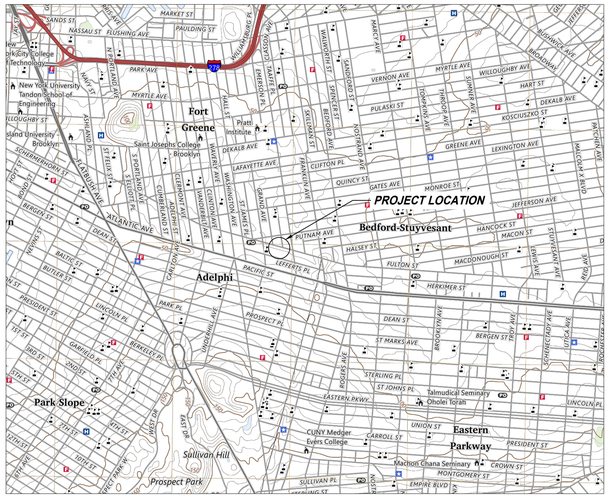
A full-time independent project monitor shall be on site and responsible for oversight of the abatement contractor during all abatement activities to ensure compliance with ICR 56 and variance conditions and to ensure that no visible emissions are generated. If visible emissions are observed, work practices shall be altered according to the project monitor's recommendations. The Project Monitor shall perform the following functions during asbestos abatement projects in addition to functions already required by ICR-56:

- Inspection of the interior of the asbestos project work area made at least twice every work shift accompanied by the Asbestos Supervisor.
- Observe and monitor the activities of the asbestos abatement contractor to determine that proper work practices are used and are in compliance with all asbestos laws and regulations.
- Inform the asbestos abatement contractor of work practices that, in the Project Monitor's opinion, pose a threat to public health or the environment, and are not in compliance with ICR-56 and/or approved variances or other applicable rules and/or regulations.
- Document in the Project Monitor Log observations and recommendations made to the Asbestos Supervisor based upon the interior/exterior observations of the asbestos project made by the PM.
- The PM shall alert the local District Office of the NYSDOL Asbestos Control Bureau whenever, after the PM has provided recommendations to the Asbestos Supervisor, unresolved conditions remain at the asbestos project site which present a significant potential to adversely affect human health or the environment.

DEMOLISH BUILDING

JACKIE ROBINSON YOUTH CENTER
1024 FULTON STREET
BROOKLYN, NEW YORK

O.G.S. PROJECT NO. Q1953-C


PROJECT LOCATION
Bedford-Stuyvesant
Fort Greene
Adelphi
Park Slope
Sullivan Hill
Prospect Park
Eastern Parkway
Pratt Institute
Saint Joseph's College Brooklyn
New York University Tandon School of Engineering
Talmudical Seminary Ohotei Torah
Machon Chana Seminary
Cuny Medgar Evers College
MARKET ST
FULTON ST
MYRTLE AVE
VERNON AVE
WILLOUGHBY AVE
HART ST
PULASKI ST
KOSCIUSZKO ST
DEKALB AVE
GREENE AVE
LEXINGTON AVE
CLIFTON PL
LAFAYETTE AVE
QUINCY ST
GATES AVE
MONROE ST
JEFFERSON AVE
HANCOCK ST
MACON ST
HALSEY ST
PUTNAM AVE
MACDONOUGH ST
HERKIMER ST
DEAN ST
BERGEN ST
ST MARKS AVE
STERLING PL
ST JOHNS PL
UNION ST
CARROLL ST
PRESIDENT ST
MONTGOMERY ST
CROWN ST
EMPIRE BLVD
SULLIVAN PL
LINCOLN PL
PACIFIC ST
ATLANTIC AVE
PROSPECT PL
PARK PL
BERGEN ST
DEAN ST
BAINBRIDGE ST
BUTLER ST
CARROLL ST
PRESIDENT ST
LINCOLN PL
EASTERN PKWY
FLUSHING AVE
NASSAU ST
PAULDING ST
PARK AVE
MYRTLE AVE
WILLOUGHBY ST
FLATBUSH AVE
ST EDWARDS ST
HANSON PL
SANDS ST
BROOKLYN
CLASSON AVE
SOUTH PORTLAND AVE
SOUTH OXFORD ST
SOUTH ELLIOTT PL
SOUTH EXTENSION
SOUTH CONDUIT AVE
SOUTH PORTLAND AVE
SOUTH OXFORD ST
SOUTH ELLIOTT PL
SOUTH EXTENSION
SOUTH CONDUIT AVE
CLINTON AVE
WASHINGTON AVE
ADELPHI ST
SAINT JAMES PL
GRAND AVE
CLASSON AVE
FRANKLIN AVE
NOSTRAND AVE
KINGSTON AVE
BROOKLYN AVE
UTICA AVE
ROGERS AVE
NEW YORK AVE
BUFFALO AVE
SCHENECTADY AVE
ROCKAWAY AVE
LEFFERTS PL
HOWARD AVE
SAINT MARKS AVE
BROOKLYN
BUFFALO AVE
ROGERS AVE
NEW YORK AVE
UTICA AVE
KINGSTON AVE
BROOKLYN AVE
NOSTRAND AVE
FRANKLIN AVE
CLINTON AVE
WASHINGTON AVE
ADELPHI ST
SAINT JAMES PL
GRAND AVE
CLASSON AVE
SOUTH PORTLAND AVE
SOUTH OXFORD ST
SOUTH ELLIOTT PL
SOUTH EXTENSION
SOUTH CONDUIT AVE
FLATBUSH AVE
ST EDWARDS ST
HANSON PL
SANDS ST
BROOKLYN
CLASSON



METAL CANOPY WITH ASBESTOS WINDOW GLAZING AND SKYLIGHT CAULK



DAMAGED ASBESTOS PIPE INSULATION AND ASBESTOS INSULATION DEBRIS ON 3RD FLOOR



ASBESTOS AIRCELL PIPE INSULATION, 1ST FLOOR



ASBESTOS FLOOR TILE, CELLAR

HAZARDOUS MATERIAL GENERAL NOTES:

1. ALL WORK SHALL COMPLY WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.
2. REFER TO SPECIFICATION SECTION 028213 FOR ASBESTOS REMOVAL, 028304 FOR REMOVAL AND DISPOSAL OF LEAD-BASED AND LEAD-CONTAINING PAINT, SECTION 028403 - DISPOSAL OF PCB EQUIPMENT, AND 028700 FOR REMOVAL AND DISPOSAL OF UNIVERSAL WASTE.
3. A PRE-DEMOLITION HAZARDOUS MATERIALS SURVEY REPORT COMPLETED BY CHA CONSULTING, INC. AND DATED AUGUST 27, 2025 IS INCLUDED IN THE APPENDIX AS INFORMATION TO BIDDERS.
4. A SITE-SPECIFIC VARIANCE PETITION HAS BEEN SUBMITTED TO THE NYSDOL FOR THIS PROJECT AND IS INCLUDED IN THE APPENDIX OF THE PROJECT MANUAL.
5. THE WALL PLASTER SUBCOAT CONTAINS A TRACE AMOUNT OF ASBESTOS. ALL DEMOLITION WORK IMPACTING WALL PLASTER MUST FOLLOW 29 CFR 1926.1001 THE OSHA ASBESTOS IN CONSTRUCTION STANDARD.
6. LEAD-BASED AND LEAD-CONTAINING PAINT IS PRESENT THROUGHOUT THE BUILDING AND LOOSE AND PEELING PAINT IS PRESENT ON INTERIOR SURFACES AND WILL BE PRESENT IN THE BUILDING WASTE STREAM. ALL WORK SHALL BE COMPLETED PER OSHA'S LEAD IN CONSTRUCTION STANDARD (29 CFR 1929.62). ALL WASTE MUST BE CHARACTERIZED TO DETERMINE LEAD CONTENT PRIOR TO TRANSPORT OFF-SITE AND DISPOSAL.
7. REMOVE ALL LIGHT TUBES/BULBS AND LIGHT BALLASTS. LIGHT TUBES AND BULBS SHALL BE PACKAGED, STORED, AND DISPOSES OF AS UNIVERSAL WASTE AND LIGHT BALLASTS SHALL BE STORED AND DISPOSED OF AS PCB-CONTAINING/HAZARDOUS WASTE.

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DESIGN & CONSTRUCTION

CONSULTANT

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STATE OF NEW YORK · SCOTT M. SMITH · 083885 · LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: 11/30/2026

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING
JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET
BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	08/28/2025	BID DOCUMENT

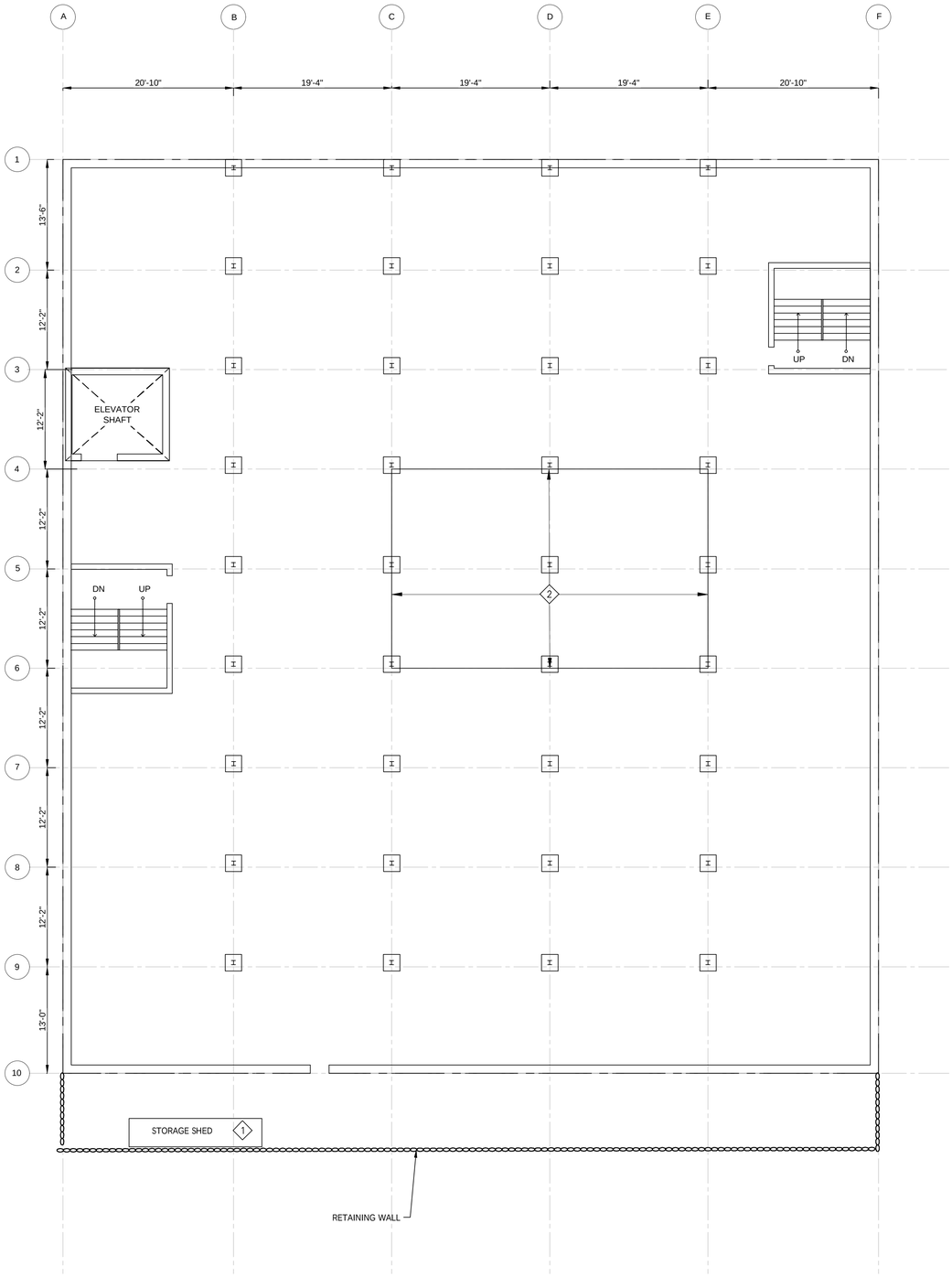
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JNM
DRAWN BY:	TRG
FIELD CHECK:	F.C.
APPROVED:	SHF

SHEET TITLE: HAZARDOUS MATERIALS ABATEMENT – GENERAL NOTES AND PHOTO SHEET

DRAWING NUMBER: H–100

SHEET 2 OF 43

File: V:\PROJECTS\ANY\Y\2001\49.0001\09_DESIGN\DRAWINGS\01_SHEETS\H-100 CELLAR ABATEMENT PLAN.DWG Sheet: 8/29/2025 8:38:44 AM PlotVert: 8/29/2025 8:37:08 AM User: Gray, Timmolyn LastSavedBy: 2811



CELLAR LEVEL ABATEMENT PLAN
SCALE: 1/8" = 1'-0"

CODED NOTES

1. REMOVE ASBESTOS-CONTAINING ROOF PAPER AND SEALANTS AND DISPOSE OF BY APPROPRIATE LEGAL MEANS.
2. REMOVE ASBESTOS-CONTAINING FLOOR TILES AND DISPOSE OF ALL REMOVED MATERIALS BY APPROPRIATE LEGAL MEANS. THE MASTIC IS NON-ACM AND CAN REMAIN.
3. NOT APPLICABLE TO THIS SHEET
4. NOT APPLICABLE TO THIS SHEET
5. NOT APPLICABLE TO THIS SHEET
6. NOT APPLICABLE TO THIS SHEET
7. NOT APPLICABLE TO THIS SHEET
8. NOT APPLICABLE TO THIS SHEET
9. NOT APPLICABLE TO THIS SHEET

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DESIGN & CONSTRUCTION

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REGISTRATION EXPIRES: 11/30/2026

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	08/28/2025	BID DOCUMENT

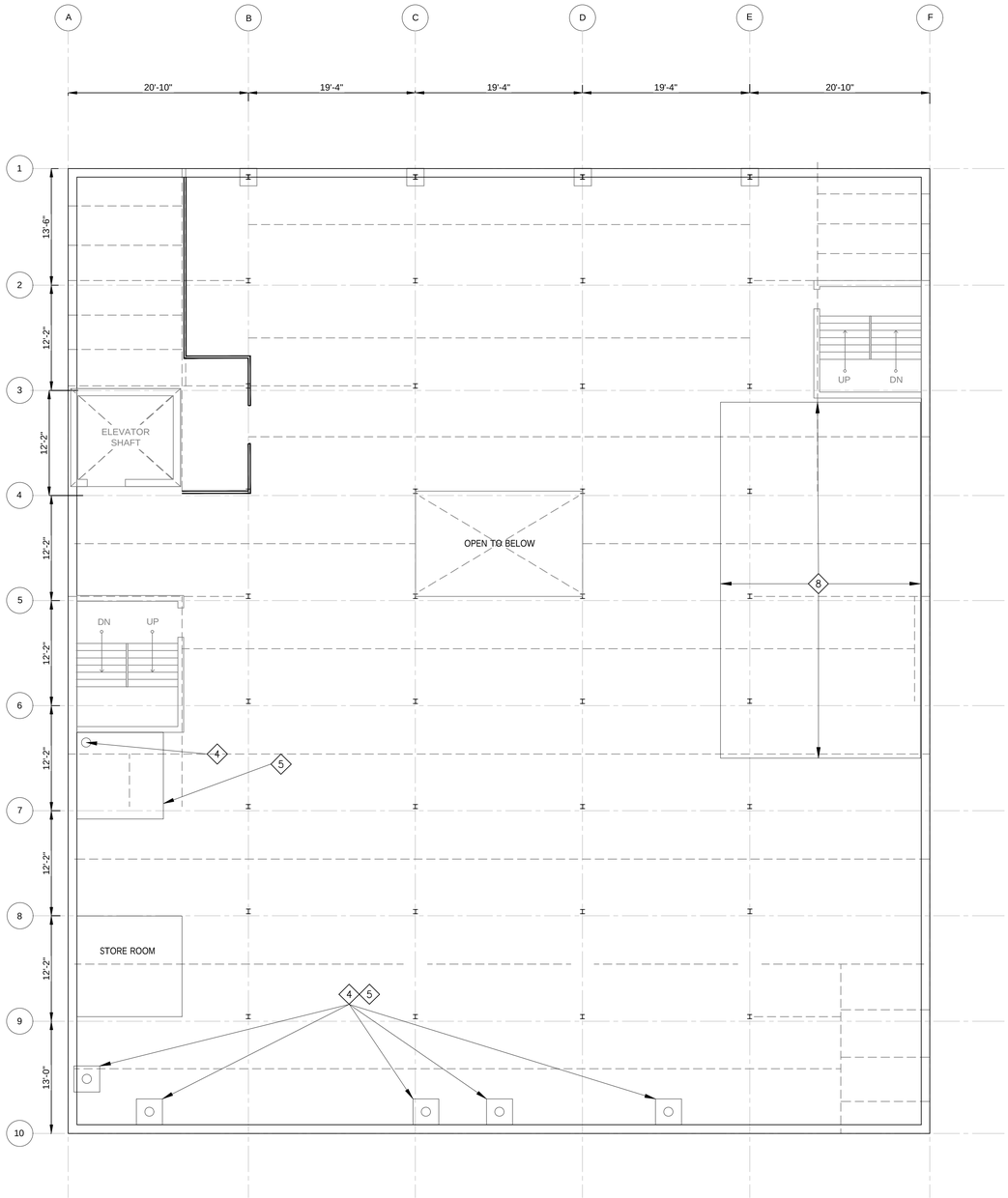
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JNM
DRAWN BY:	TRG
FIELD CHECK:	F.C.
APPROVED:	SHF

SHEET TITLE: HAZARDOUS MATERIALS ABATEMENT – CELLAR

DRAWING NUMBER: H–101

SHEET 3 OF 43

File: V:\PROJECTS\ANY\ANY\090143.000\09_DESIGN\DRAWINGS\01_SHEETS\H-101 CELLAR ABATEMENT PLAN.DWG Saved: 8/28/2025 8:26:23 AM Plotted: 8/28/2025 8:27:11 AM User: Gray, Tommaye LastSavedBy: 3511



FIRST FLOOR ABATEMENT PLAN
SCALE: 1/8" = 1'-0"

CODED NOTES

1. NOT APPLICABLE TO THIS SHEET
2. NOT APPLICABLE TO THIS SHEET
3. NOT APPLICABLE TO THIS SHEET
4. REMOVE INTACT ASBESTOS PIPE INSULATION AND DISPOSE OF AS REGULATED ASBESTOS WASTE.
5. ASBESTOS PIPE INSULATION DEBRIS IS PRESENT ON THE FLOOR WITHIN THE AREA SHOWN. ISOLATE THIS SPACE AND PERFORM THE ASBESTOS DEBRIS CLEANUP IN ACCORDANCE WITH THE SITE-SPECIFIC VARIANCE PROVIDED WITHIN THE PROJECT MANUAL. DISPOSE OF ALL REMOVED MATERIALS AS REGULATED ASBESTOS WASTE.
6. NOT APPLICABLE TO THIS SHEET
7. NOT APPLICABLE TO THIS SHEET
8. REMOVE ROOFING DEBRIS ASSUMED TO BE ASBESTOS-CONTAINING, AS ASBESTOS AND DISPOSE OF BY APPROPRIATE LEGAL MEANS.
9. NOT APPLICABLE TO THIS SHEET

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REGISTRATION EXPIRES: 11/30/2026

CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
JACKIE ROBINSON YOUTH CENTER

LOCATION:
1024 FULTON STREET
BROOKLYN, NEW YORK 11238

CLIENT:
NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	08/28/2025	BID DOCUMENT

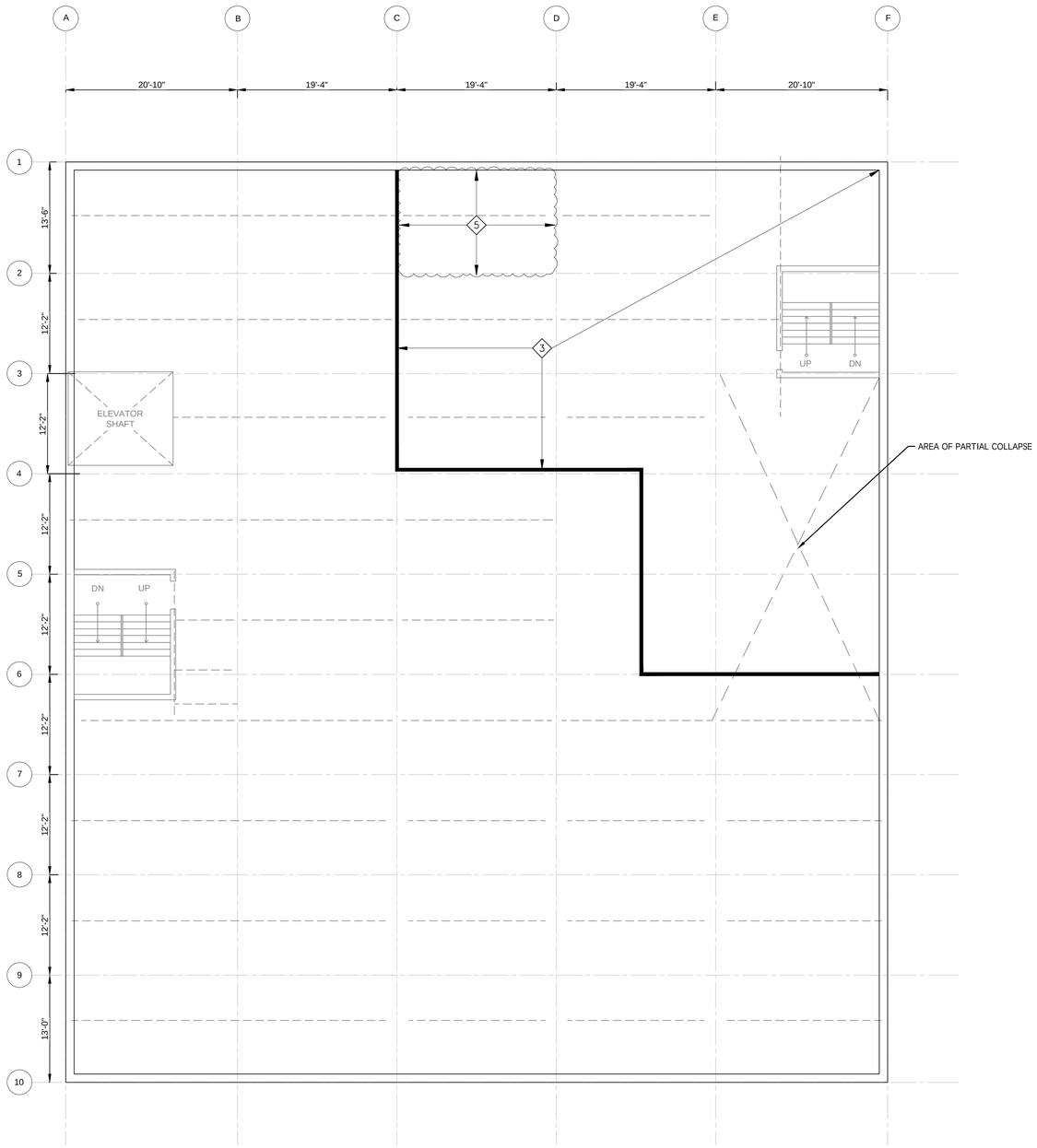
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JNM
DRAWN BY:	TRG
FIELD CHECK:	F.C.
APPROVED:	SHF

SHEET TITLE:
HAZARDOUS MATERIALS ABATEMENT – 1ST FLOOR

DRAWING NUMBER:
H–102

SHEET 4 OF 43

File: v:\PROJECTS\VARY\V090148.000\09_DESIGN\DRAWINGS\01_SHEETS\H-102 1ST FLOOR ABATEMENT PLAN.DWG Saved: 8/26/2025 5:31:27 PM Plotted: 8/27/2025 5:36:07 PM User: Gray, Tammalyn, LastSavedBy: 3511



SECOND FLOOR ABATEMENT PLAN
SCALE: 1/8" = 1'-0"

CODED NOTES

1. NOT APPLICABLE TO THIS SHEET
2. NOT APPLICABLE TO THIS SHEET
3. REMOVE ASBESTOS-CONTAINING RED POURED FLOOR AND ANY UNDERLYING VAPOR BARRIER AND DISPOSE OF AS ASBESTOS.
4. NOT APPLICABLE TO THIS SHEET
5. ASBESTOS PIPE INSULATION DEBRIS IS PRESENT ON THE FLOOR WITHIN THE AREA SHOWN. ISOLATE THIS SPACE AND PERFORM THE ASBESTOS DEBRIS CLEANUP IN ACCORDANCE WITH THE SITE-SPECIFIC VARIANCE PROVIDED WITHIN THE PROJECT MANUAL. DISPOSE OF ALL REMOVED MATERIALS AS REGULATED ASBESTOS WASTE.
6. NOT APPLICABLE TO THIS SHEET
7. NOT APPLICABLE TO THIS SHEET
8. NOT APPLICABLE TO THIS SHEET
9. NOT APPLICABLE TO THIS SHEET

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REGISTRATION EXPIRES: 11/30/2026

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TITLE: DEMOLISH BUILDING
JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET
BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	08/28/2025	BID DOCUMENT

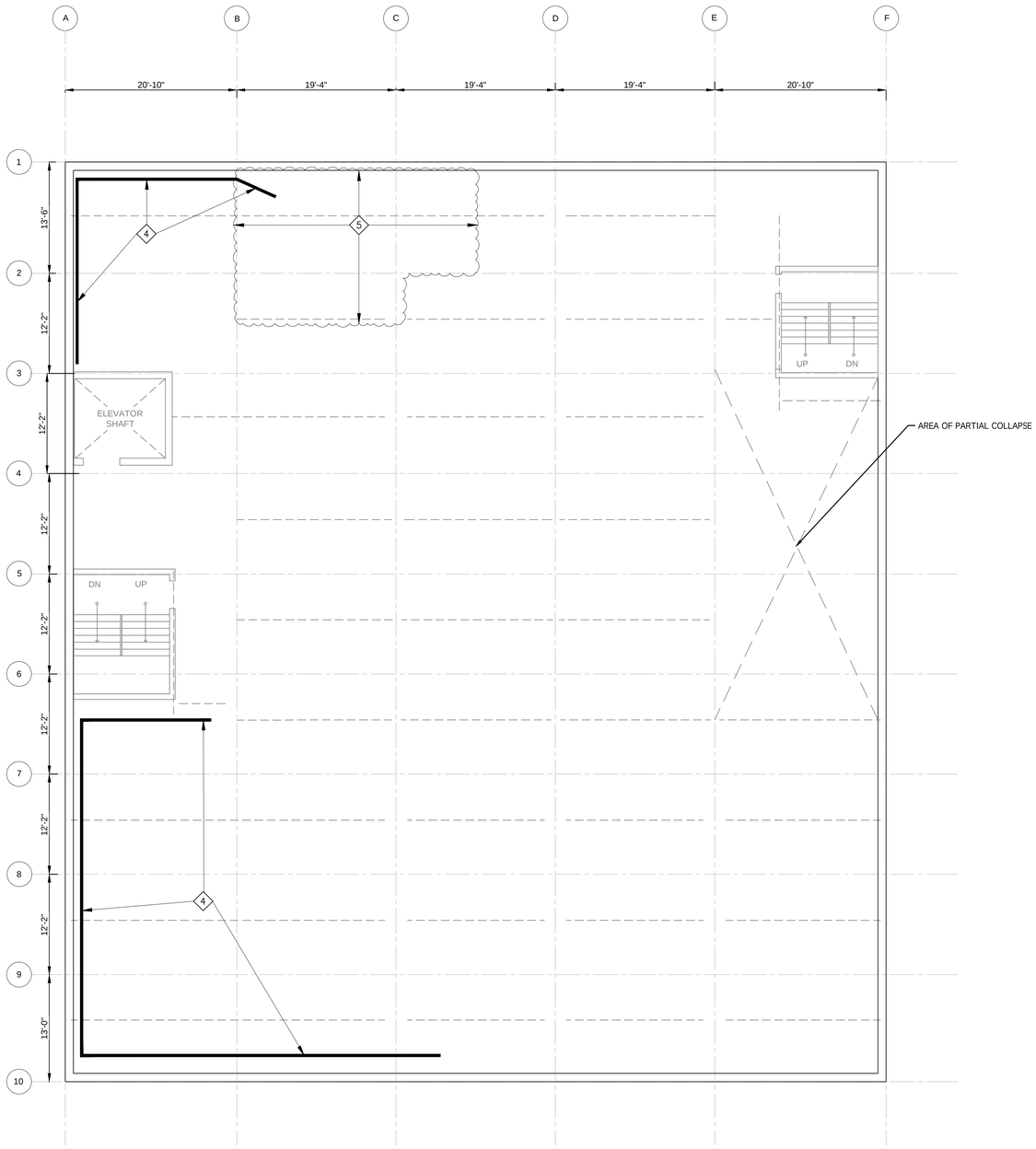
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JNM
DRAWN BY:	TRG
FIELD CHECK:	F.C.
APPROVED:	SHF

SHEET TITLE:
HAZARDOUS MATERIALS ABATEMENT – 2ND FLOOR

DRAWING NUMBER:
H–103

SHEET 5 OF 43

File: V:\PROJECTS\ANY\AT\Q90143.00\09_DESIGN\DRAWINGS\01_SHEETS\H-103 2ND FLOOR ABATEMENT PLAN.DWG Saved: 8/28/2025 5:30:56 PM Plotted: 8/27/2025 5:36:39 PM User: Grigo, Timmolyn LastSavedBy: 3511



THIRD FLOOR ABATEMENT PLAN
SCALE: 1/8" = 1'-0"

CODED NOTES

1. NOT APPLICABLE TO THIS SHEET
2. NOT APPLICABLE TO THIS SHEET
3. NOT APPLICABLE TO THIS SHEET
4. REMOVE INTACT ASBESTOS PIPE INSULATION AND DISPOSE OF AS REGULATED ASBESTOS WASTE.
5. ASBESTOS PIPE INSULATION DEBRIS IS PRESENT ON THE FLOOR WITHIN THE AREA SHOWN. ISOLATE THIS SPACE AND PERFORM THE ASBESTOS DEBRIS CLEANUP IN ACCORDANCE WITH THE SITE-SPECIFIC VARIANCE PROVIDED WITHIN THE PROJECT MANUAL. DISPOSE OF ALL REMOVED MATERIALS AS REGULATED ASBESTOS WASTE.
6. NOT APPLICABLE TO THIS SHEET
7. NOT APPLICABLE TO THIS SHEET
8. NOT APPLICABLE TO THIS SHEET
9. NOT APPLICABLE TO THIS SHEET

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REGISTRATION EXPIRES: 11/30/2026

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	08/28/2025	BID DOCUMENT

PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JNM
DRAWN BY:	TRG
FIELD CHECK:	F.C.
APPROVED:	SHF

SHEET TITLE:

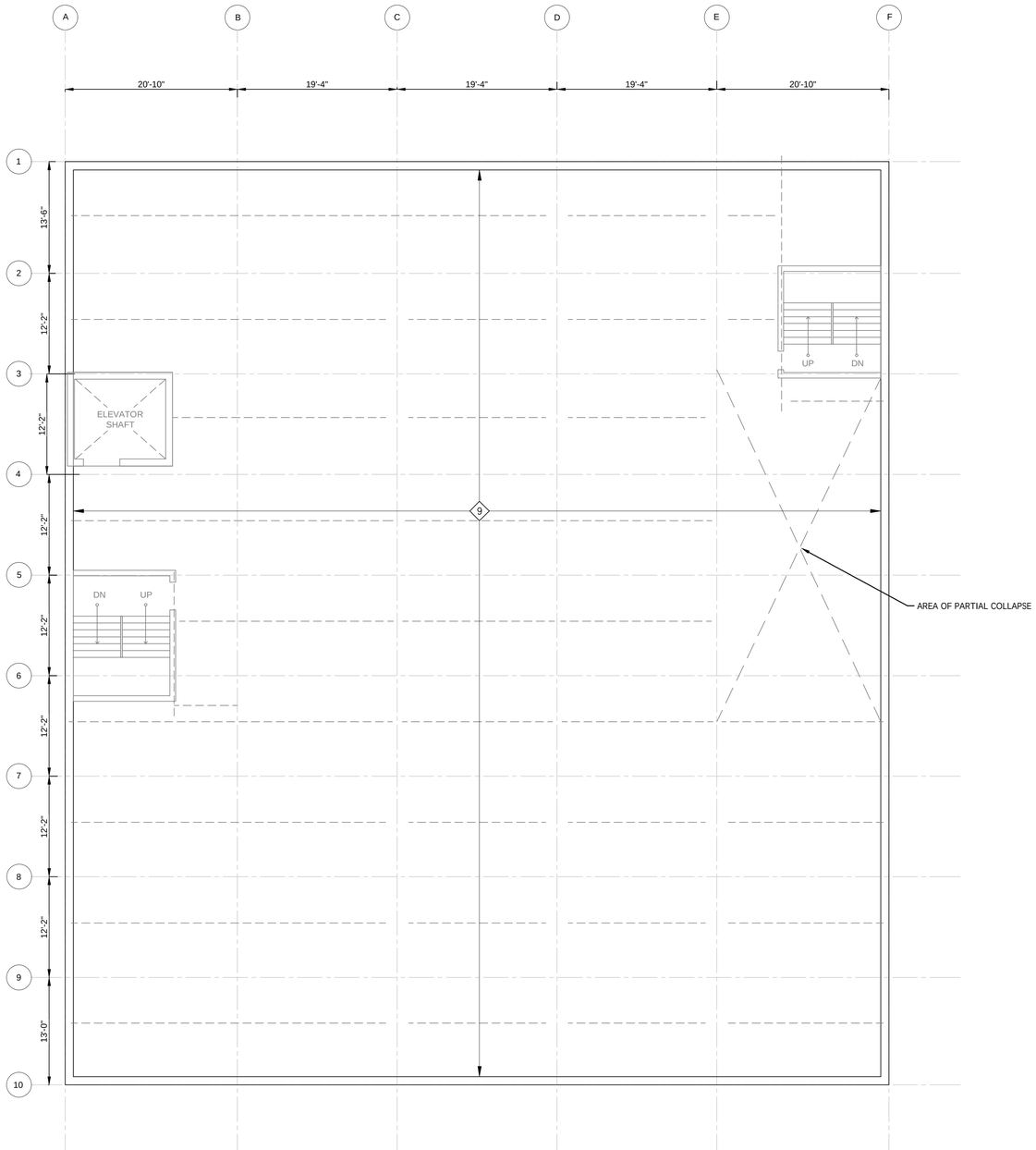
HAZARDOUS MATERIALS ABATEMENT – 3RD FLOOR

DRAWING NUMBER:

H–104

SHEET 6 OF 43

File: V:\PROJECTS\ANY\CY\Q0953.000\09_DESIGN\DRAWINGS\01_SHEETS\H-104 3RD FLOOR ABATEMENT PLAN.DWG Saved: 8/28/2025 5:30:17 PM Plotted: 8/27/2025 5:37:42 PM User: Gray, Timmolyn LastSavedBy: 3511



ROOF LEVEL ABATEMENT PLAN
SCALE: 1/8" = 1'-0"

CODED NOTES

1. NOT APPLICABLE TO THIS SHEET
2. NOT APPLICABLE TO THIS SHEET
3. NOT APPLICABLE TO THIS SHEET
4. NOT APPLICABLE TO THIS SHEET
5. NOT APPLICABLE TO THIS SHEET
6. NOT APPLICABLE TO THIS SHEET
7. NOT APPLICABLE TO THIS SHEET
8. NOT APPLICABLE TO THIS SHEET
9. REMOVAL BUILT-UP/LAYERED ROOFING SYSTEM, FLASHINGS, AND SEALANT ON PARAPET WALLS DOWN TO SUBSTRATE AND DISPOSE OF BY APPROPRIATE LEGAL MEANS.

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REGISTRATION EXPIRES: 11/30/2026

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	08/28/2025	BID DOCUMENT

PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JNM
DRAWN BY:	TRG
FIELD CHECK:	F.C.
APPROVED:	SHF

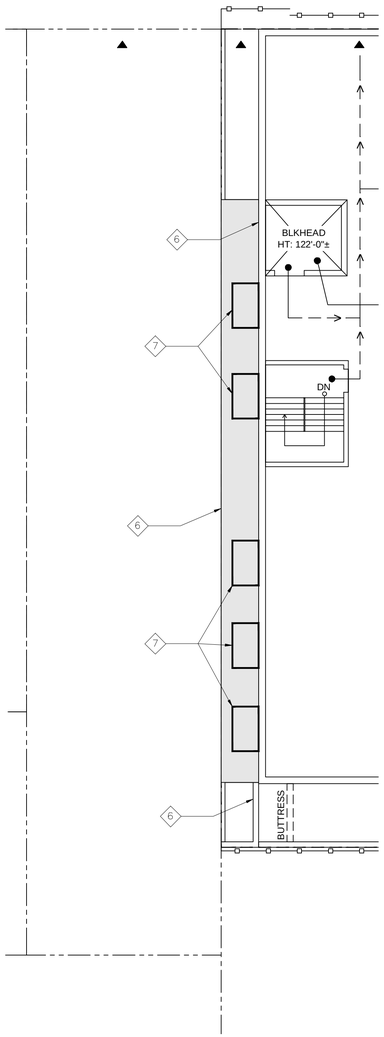
SHEET TITLE:

HAZARDOUS MATERIALS ABATEMENT – ROOF LEVEL

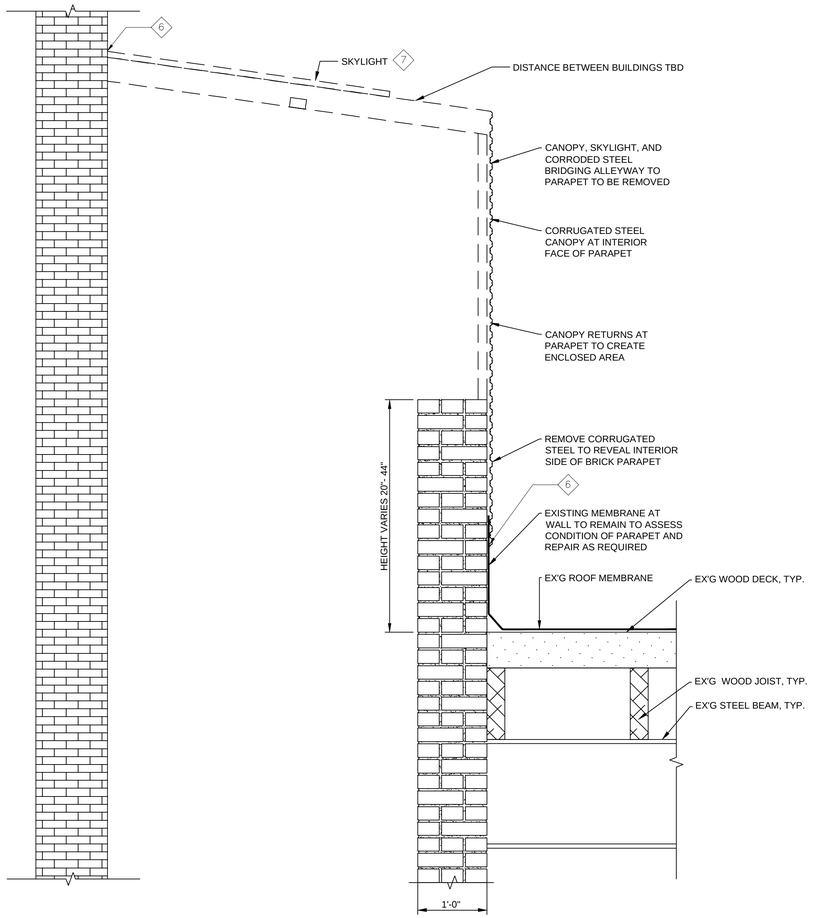
DRAWING NUMBER: H–105

SHEET 7 OF 43

File: v:\PROJECTS\ANY\V7\09014900\09_DESIGN\DRAWINGS\01_SHEETS\H-105 ROOF ABATEMENT PLAN.DWG Saved: 8/26/2025 5:29:32 PM Plotted: 9/27/2025 5:38:23 PM User: Gray, Timmolyn LastSavedBy: 3511



ROOF LEVEL ABATEMENT PLAN
SCALE: 3/32" = 1'-0"



METAL SHED/CANOPY SECTION
SCALE: 1" = 10'-0"

CODED NOTES

1. NOT APPLICABLE TO THIS SHEET
2. NOT APPLICABLE TO THIS SHEET
3. NOT APPLICABLE TO THIS SHEET
4. NOT APPLICABLE TO THIS SHEET
5. NOT APPLICABLE TO THIS SHEET
6. REMOVE ASBESTOS–CONTAINING GREY ROOF SEALANT FROM PARAPET WALL AND EXTERIOR WALLS ON 1016 AND 1024 FULTON STREET WHERE METAL SHED STRUCTURE WILL BE REMOVED AND DISPOSE OF BY APPROPRIATE LEGAL MEANS.
7. REMOVE ASBESTOS–CONTAINING SKYLIGHT GASKET AND DISPOSE OF BY APPROPRIATE LEGAL MEANS.
8. NOT APPLICABLE TO THIS SHEET
9. NOT APPLICABLE TO THIS SHEET



METAL SHED/CANOPY WITH ASBESTOS SKYLIGHT GASKETING.



ASBESTOS–CONTAINING GREY SEALANT ON UPPER WALL.



ASBESTOS–CONTAINING GREY SEALANT ON 1016 PERIMETER ROOF FLASHING.

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STATE OF NEW YORK · SCOTT M. SMITH · LICENSED PROFESSIONAL ENGINEER · 83885

REGISTRATION EXPIRES: 11/30/2026

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	08/28/2025	BID DOCUMENT

PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JNM
DRAWN BY:	TRG
FIELD CHECK:	F.C.
APPROVED:	SHF

SHEET TITLE: HAZARDOUS MATERIALS ABATEMENT – 1016 FULTON ROOF LEVEL

DRAWING NUMBER: H–106

SHEET 8 OF 43

File: V:\PROJECTS\VAV\V\00014.0000\05_DESIGN\DRAWINGS\01_SHEETS\01-106 1016 ROOF ABATEMENT PLAN.DWG Saved: 8/26/2025 5:28:57 PM Plotted: 8/27/2025 5:41:13 PM User: Gray, Timmolyn LastSavedBy: 3511

DEBRIS CHUTES

1. CHUTES USED IN ASSOCIATES WITH THE REMOVAL OF MATERIALS SHALL COMPLY WITH THE FOLLOWING
2. ENCLOSURES & OPENINGS
   - 2.1. DEBRIS CHUTE(S) SHALL BE SOLIDLY ENCLOSED ON ALL SIDES EXCEPT OPENINGS AT FLOOR LEVELS FOR RECEIVING OF MATERIALS. SUCH OPENINGS SHALL NOT EXCEED 48 INCHES IN HEIGHT.
   - 2.2. ALL OPENINGS, EXCEPT THE TOP OPENING, SHALL BE CLOSED AND SECURED WHEN NOT IN USE.
   - 2.3. OPENINGS RECEIVING MATERIALS SHALL BE ENCLOSED WITH A STANDARD GUARDRAIL AND WHEEL BUMPER PER DM-308. GUARDRAIL GATES MAY BE TEMPORARY OPEN WHEN CHUTE IS IN USE; AND PROMPTLY CLOSED WHEN NOT IN USE.
   - 2.4. FLOOR OPENINGS USED FOR REMOVAL OF DEBRIS SHALL BE TIGHTLY ENCLOSED WITH A SHAFTWAY PER BC 3306.9.12.1
3. PRE-FABRICATED DEBRIS CHUTES
   - 3.1. PRE-FABRICATED DEBRIS CHUTES MAY BE INSTALLED AT EXISTING SHAFTS OR NEW FLOOR OPENINGS.
   - 3.2. PRE-FABRICATED DEBRIS CHUTE(S) SHALL BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.
4. CHUTE CONSTRUCTION
   - 4.1. CHUTES SHALL BE RIGIDLY SUPPORTED AND BRACED THROUGHOUT HEIGHT.
   - 4.2. CHUTES EXCEEDING 75' IN HEIGHT SHALL BE CONSTRUCTED OF NONCOMBUSTIBLE MATERIALS.
   - 4.3. EVERY OPENING IN A FLOOR, USED FOR REMOVAL OF DEBRIS SHALL BE TIGHTLY ENCLOSED WITHIN A SHAFTWAY.
   - 4.4. EVERY SPACE BETWEEN CHUTE AND EDGE OF FLOOR OPENING OR PLATFORM SHALL BE SOLIDLY PLANKED.
5. WINDOW OPENINGS ADJOINING FLOOR OPENINGS AND W/IN 20' OF DEBRIS CHUTES SHALL BE ENCLOSED OR INFILLED WITH SOLID TIMBER.EXCLUDING WINDOW OPENINGS ABOVE THE CHUTE.
6. DEBRIS CHUTE LOCATION(S) ARE SUBJECT TO CHANGE AT CONTRACTOR'S DESCRETION AS APPROVED BY DIRECTOR'S REPRESENTATIVE.

DEBRIS MANAGEMENT

1. MASONRY/CONCRETE
   - 1.1. CONTRACTOR SHALL NOT DROP SECTIONS OF MASONRY/CONCRETE EXCEEDING 1'X1'X1 ONTO FLOOR.
   - 1.2. MASONRY/CONCRETE DEBRIS SHALL BE TRANSPORTED TO GRADE VIA DEBRIS CHUTE FOR USE AS BACKFILL.
2. STEEL
   - 2.1. STEEL MEMBERS SHALL HAVE A HOLE TORCH CUT TO ACCOMMODATE A SHACKLE FOR LOWERING (HOLE SIZE APPROX. 1" DIAMETER FOR MIN 2 TON SHACKLE.)
3. DEBRIS STOCKPILING LIMITATIONS. DEBRIS STOCKPILING ON FLOOR SHALL NOT EXCEED THE FOLLOWING:
   - 3.1. LOOSE CONCRETE, MASONRY AND STEEL SHALL NOT EXCEED 12" HIGH AVG.
   - 3.2. WOOD, SHEET-ROCK, AND OTHER NON-STRUCTURAL MATERIALS SHALL NOT EXCEED 24" HIGH AVG.
   - 3.3. DEBRIS STOCKPILING SHALL BE LIMITED TO ONE OF THE ABOVE STATED DEBRIS TYPES AND SHALL NOT BE COMBINED WITHIN A GIVEN AREA.
   - 3.4. DEBRIS STOCKPILING SHALL NOT BLOCK EGRESS.
   - 3.5. DEBRIS SHALL BE CLEARED FROM FLOORS BY THE END OF EACH DAY.
     - 3.5.1. EXCEPTION: DEBRIS IS STOCKPILED IN ACCORDANCE WITH THE ABOVE STATED LIMITATIONS.
   - 3.6. STOCKPILING OF FLAMMABLE MATERIALS OVERNIGHT IS STRICTLY PROHIBITED.
   - 3.7. COLUMN BAYS WITHIN THE PATH OF TRAVEL OF MECHANICAL EQUIPMENT SHALL BE KEPT CLEAR OF DEBRIS.

CONTRACTOR'S DUTIES & LIMIT OF ENGINEER'S RESPONSIBILITY

1. THE PLANS HEREIN PRESENT A GENERAL SCHEME FOR DEMOLITION MEANS AND METHODS. DUE TO THE NATURE OF DEMOLITION, IT IS IMPOSSIBLE FOR THE ENGINEER TO ANTICIPATE ALL CONDITIONS OR CONTINGENCIES. IF THE CONTRACTOR ENCOUNTERS A CONDITION OR CIRCUMSTANCE THAT REQUIRES ASSESSMENT, THE CONTRACTOR SHALL PROVIDE TIMELY NOTIFICATION TO THE DIRECTOR'S REPRESENTATIVE..
2. DESIGN ENGINEER HAS NO ONGOING PRESENCE ON SITE, NO CONTROL OF ACTIVITIES ONSITE, NO SUPERVISORY ROLE, AND NO FIELD RESPONSIBILITY FOR SITE SAFETY.
3. CONTRACTOR SHALL NOTIFY THE DIRECTOR'S REPRESENTATIVE BETWEEN 48 AND 72 HOURS PRIOR TO STARTING DEMOLITION.
4. CONTRACTOR SHALL NOTIFY THE DIRECTOR'S REPRESENTATIVE BETWEEN 48 AND 72 HOURS PRIOR TO SCHEDULING SPECIAL INSPECTIONS IN ORDER TO CARRY OUT DUTIES IMPOSED PER NYC BC CHAPTER 17 AND 33.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR PROMPTLY NOTIFYING THE DIRECTOR'S REPRESENTATIVE OF ANY DEVIATION FROM APPROVED PLANS, UNEXPECTED CONDITIONS, OR INCIDENTS INVOLVING INJURY, COLLAPSE, PROPERTY DAMAGE, OR VIOLATIONS ISSUED BY GOVERNMENT ENTITIES.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPERVISION OF WORK INCLUDING PERSONNEL PROTECTION, E.G., FALL PROTECTION, IN ACCORDANCE WITH OSHA AND OTHER APPLICABLE REGULATIONS, PUBLIC PROTECTION IN ACCORDANCE WITH THE NYC BUILDING CODE AND PROTECTION OF ADJOINING PROPERTIES.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING WORK SUCH THAT NO DAMAGE OR ADVERSE IMPACT TO THE ADJOINING PROPERTIES RESULTS.
8. CONTRACTOR SHALL NOT LOAD STRUCTURE WITH WEIGHT THAT MAY ENDANGER WORKERS, OVERLOAD STRUCTURES OR CAUSE EXCESSIVE STRUCTURAL DEFLECTION, FAILURE OR COLLAPSE.
9. CONTRACTOR SHALL MAKE EXPLORATORY PROBES AS NECESSARY TO ASCERTAIN EXISTING STRUCTURAL CONDITIONS, CHARACTERISTICS AND INTEGRITY.
10. CONTRACTOR SHALL PROVIDE ADEQUATE FIRE PROTECTION IN ACCORDANCE WITH LOCAL FIRE DEPARTMENT REQUIREMENTS.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY INSPECTIONS OF FLOOR DECK AND FRAMING AFTER EACH WORK SHIFT. IF AN AREA OF CONCERN IS OBSERVED, CONTRACTOR SHALL PROMPTLY NOTIFY THE DIRECTOR'S REPRESENTATIVE AND STOP WORK IN SUSPECT AREA.
12. CONSTRUCTION SUPERVISOR SHALL BE RESPONSIBLE FOR INFORMING ALL WORKERS OF THE PROPOSED MEANS AND METHODS; CONTROLLED ACCESS ZONES; EXISTING AND PREDICTABLE HAZARDS IN THE SURROUNDINGS OR WORKING CONDITIONS WHICH ARE UNSANITARY, HAZARDOUS, OR DANGEROUS TO WORKERS.
13. CONSTRUCTION SUPERVISOR SHALL BE RESPONSIBLE FOR DESIGNATING COMPETENT PERSONS.

CONTROLLED ACCESS ZONE

1. A CONTROLLED ACCESS ZONE (CAZ) SHALL BE USED TO CONTROL ACCESS TO AREAS WHERE A DEMOLITION PROJECT IS IN PROGRESS TO PREVENT WORKERS OTHER THAN AUTHORIZED PERSONNEL FROM ENTERING SUCH ZONE.
2. ESTABLISH CONTROLLED ACCESS ZONE (CAZ) AT A MINIMUM HORIZONTAL DISTANCE EQUAL TO ONE HALF THE HEIGHT OF STRUCTURE (2V:1H); OR AS SHOWN IN DRAWINGS. LIMITS OF THE CAZ MAY BE EXTENDED BEYOND THE MINIMUM DISTANCE SHOWN.
3. DELINEATE BOUNDARY OF CAZ BY USE OF DOT APPROVED MOVEABLE BARRIERS, STANDARD GUARDRAIL, OR SOLID CONSTRUCTION FENCE. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING BOUNDARY
4. THE CAZ SHALL ENCOMPASS AREAS WITHIN THE CAZ BOUNDARY... INCLUDING BUT NOT LIMITED TO:
   - 4.1. BUILDING INTERIOR
   - 4.2. BUILDING EXTERIOR
   - 4.3. STREET AND/OR SIDEWALK IN ACCORDANCE WITH DOT APPROVAL.
   - 4.4. SIDEWALK VAULT (BELOW SIDEWALK);
   - 4.5. TUNNEL (BELOW STREET);
   - 4.6. BUILDING EGRESS POINTS
     - 4.6.1. TEMP. CLOSURE OF BUILDING EGRESS POINTS SHALL BE IN ACCORDINACE WITH TENANT PROTECTION PLAN (TPP) BY SEP. APP.
   - 4.7. SCAFFOLD & SHED
   - 4.8. OTHER AREAS WITHIN THE CAZ LIMITS.
5. SIGNS SHALL BE POSTED WARNING UNAUTHORIZED PERSONNEL TO STAY OUT OF THE CONTROLLED ACCESS ZONE, E.G., "DANGER, CONTROLLED ACCESS ZONE, AUTHORIZED PERSONNEL ONLY"
6. FLAG PERSONS SHALL BE STATIONED OUTSIDE CAZ BOUNDARY TO CONTROL EGRESS/ENTRY.
7. CAZ SHALL BE CLEARED OF ALL PERSONNEL AND BE MAINTAINED CLEAR DURING THE FOLLOWING:
   - 7.1. PRIOR TO STARTING DEMOLITION OPERATIONS;
   - 7.2. DURING DEMOLITION OPERATIONS;
   - 7.3. DURING DEBRIS LOAD OUT;
   - 7.4. AT ALL TIMES UNTIL DEMOLITION IS COMPLETE.
8. PERSONNEL ARE PROHIBITED FROM ENTERING CAZ WITH EXCEPTION OF THE FOLLOWING AUTHORIZED PERSONNEL:
   - 8.1. REGISTERED CONSTRUCTION SUPERINTENDENT (CS)
   - 8.2. COMPETENT PERSONS DESIGNATED BY CONSTRUCTION SUPERINTENDENT. COMPETENT PERSONS SHALL BE CAPABLE OF IDENTIFYING EXISTING AND PREDICTABLE HAZARDS IN THE SOURROUNDINGS OR WORKING CONDITIONS WHICH ARE UNSANITARY, HAZARDOUS, OR DANGEROUS TO EMPLOYEES, AND WHO HAS AUTHORIZATION TO TAKE PROMPT CORRECTIVE MEASURES TO ELIMINATE THEM.
   - 8.3. CRANE OPERATOR
   - 8.4. MECHANICAL EQUIPMENT OPERATORS DURING MACHINE OPERATION. MACHINES SHALL BE EQUPPED WITH HARD TOP CANOPIES. OPERATORS SHALL ENTER/EXIT MECHANICAL EQUIPMENT OUTSIDE OF CAZ WHERE POSSIBLE.
   - 8.5. DIRECTOR'S REPRESENTATIVE; OR DESIGNATED PERSONNEL
   - 8.6. CONSIDER LANGUAGE FOR SPECIAL INSPECTORS.
9. PRIOR TO COMMENCEMENT OF DEMOLITION, AN OPERATIONAL SITE MEETING MUST BE HELD WITH CONTRACTOR, REGISTERED CONSTRUCTION SUPERVISOR, DESIGN DIRECTOR'S REPRESENTATIVE (OR REPRESENTATIVE), SPECIAL INSPECTIONS DIRECTOR'S REPRESENTATIVE, SAFETY MONITOR, SITE SAFETY MANAGER, CRANE OPERATOR, RIGGING ENGINEER, AND OTHER APPLICABLE PERSONNEL TO REVIEW THE DEMOLITION MEANS AND METHODS AND CONTROLLED ACCESS ZONE REQUIREMENTS. THIS MEETING MUST BE DOCUMENTED IN WRITING AND KEPT ON-SITE AT ALL TIMES AND MADE AVAILABLE UPON REQUEST BY DOB PERSONNEL.
10. CONTRACTOR IS RESPONSIBLE FOR DESIGNATING A COMPETENT PERSON TO MONITOR THE SAFETY OF OTHER PERSONNEL AND SHALL ENSURE THAT THE SAFETY MONITOR COMPLIES WITH THE FOLLOWING REQUIREMENTS.
    - 10.1. THE SAFETY MONITOR SHALL BE COMPETENT TO RECOGNIZE HAZARDS;
    - 10.2. THE SAFETY MONITOR SHALL WARN WORKERS WHEN IT APPEARS THAT THE WORKER IS UNAWARE OF A HAZARDS OR IS ACTING IN AN UNSAFE MANNER;
    - 10.3. THE SAFETY MONITOR SHALL BE WITHIN VISUAL SIGHTING DISTANCE OF THE WORKER AND SHALL ALWAYS BE IN COMMUNICATION VIA 2-WAY RADIOS WITH THE WORKER BEING MONITORED.
    - 10.4. THE SAFETY MONITOR SHALL NOT HAVE OTHER RESPONSIBILITIES WHICH COULD TAKE THE MONITOR'S ATTENTION FROM THE MONITORING FUNCTION.
11. EACH WORKER WORKING IN A CAZ SHALL BE DIRECTED TO COMPLY PROMPTLY WITH WARNINGS FROM SAFETY MONITORS.
12. CONSTRUCTION SUPERVISOR IS RESPONSIBLE FOR SUPERVISING THE WORK; INFORMING ALL WORKERS OF THE PROPOSED MEANS AND METHODS, CONTROLLED ACCESS ZONE REQUIREMENTS; EXISTING AND PREDICTABLE HAZARDS IN THE SURROUNDINGS OR WORKING CONDITIONS WHICH ARE UNSANITARY, HAZARDOUS, OR DANGEROUS TO WORKERS.

DEMOLITION REQUIREMENTS

1. THE DEMOLITION SHALL BE DONE IN COMPLIANCE WITH THE NYC BUILDING CODE (CHAPTER 33), NYC FIRE CODE, AND ALL APPLICABLE OSHA REGULATIONS.
   - 1.1. ALL WORK ABOVE EACH FLOOR SHALL BE COMPLETED BEFORE ANY OF THE SUPPORTING STRUCTURAL MEMBERS ARE DISTURBED.
   - 1.2. NO BEARING WALL OR LOAD RELIEVING PARTITION WALLS SHALL BE REMOVED FROM ANY FLOOR UNTIL THE FLOOR FRAMING SYSTEM ON THE FLOOR ABOVE HAS BEEN REMOVED AND LOWERED.
   - 1.3. ALL ENCLOSED VERTICAL SHAFTS AND STAIRS SHALL BE MAINTAINED ENCLOSED AT ALL FLOORS EXCEPT THE UPPERMOST FLOOR BEING DEMOLISHED, AND ALL WORK ON THE UPPERMOST FLOOR SHALL BE COMPLETED BEFORE STAIR AND SHAFT ENCLOSURES ON THE FLOOR BELOW ARE DISTURBED. ALL HAND RAILS AND BANISTERS SHALL BE LEFT IN PLACE UNTIL ACTUAL DEMOLITION OF SUCH FLOOR IS IN PROGRESS.
2. FALL PROTECTION
   - 2.1. FALL PROTECTION SHALL BE PROVIDED AT ALL LEADING EDGES IN COMPLIANCE WITH NYC BUILDING CODE AND OSHA REGULATIONS.
   - 2.2. WHEN WORKING WITHIN 6'-0" OF A LEADING EDGE, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING WORKERS WITH PROTECTION FROM FALLING BY USE OF A PERSONAL FALL ARREST SYSTEM, INCLUDING FULL-BODY HARNESS, SHOCK-ABSORBING LANYARD OR SELF-RETRACTING LIFELINE, ANCHORAGE AND ANCHORAGE CONNECTOR, IN ACCORDANCE WITH NYC BUILDING CODE AND OSHA REGULATIONS
3. DUST MITIGATION
   - 3.1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION OF THE EMISSION OF DUST FROM CONSTRUCTION RELATED ACTIVITIES IN ACCORDANCE WITH DEP CHAPTER 13 OF TITLE 15 OF THE RULES OF THE CITY OF NEW YORK.
   - 3.2. DUST CONTROL MEASURES SHALL INCLUDE SURFACE WETTING OF DUST PRODUCING OPERATIONS BY MEANS OF WATER SPRAYING TO THE EXTENT NECESSARY TO REDUCE THE SURFACE AND AIR TRANSPORT OF DUST.
   - 3.3. WATER FOR DUST MITIGATION SHALL BE SOURCED FROM THE NEARBY FIRE HYDRANT. THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) AND INSTALL A BACKFLOW PREVENTION VALVE PRIOR TO USE.
4. HOT WORK
   - 4.1. HOT WORK, INCLUDING CUTTING, WELDING & OTHER HOT WORK SHALL BE IN COMPLIANCE WITH 2022 NYC FIRE CODE (NYC FC) FIRE SAFETY REQUIREMENTS.
   - 4.2. COMBUSTIBLE MATERIAL AND COMBUSTIBLE WASTE SHALL BE PROTECTED DURING HOT WORK OPERATIONS IN ACCORDANCE WITH FC 2604.1
   - 4.3. A FIRE WATCH & FIRE GUARDS SHALL BE MAINTAINED DURING HOT WORK OPERATIONS IN ACCORDANCE WITH FC 2604.2.
5. THE DIRECTOR'S REPRESENTATIVE SHALL BE NOTIFIED BY THE CONTRACTOR OF ANY DEVIATION FROM CONTRACT DRAWINGS OR UNEXPECTED CONDITIONS.

ABBREVATIONS

ADJ	ADJOINING
APP	APPLICATION
BL	BUILDING LINE
BLDG	BUILDING
BO	BOTTOM OF
BOF	BOTTOM OF FOOTING
BOW	BOTTOM OF WALL
B/W	BETWEEN
CAZ	CONTROLLED ACCESS ZONE
CI	CAST IRON
CL	CENTERLINE
CLL	CONSTRUCTION LIVE LOAD
CONC	CONCRETE
CONT	CONTINUOUS
CMU	CONCRETE MASONRY UNIT
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DWG	DRAWING
DM	DEMOLITION
E	EXISTING
EA	EACH
EQUIP	EQUIPMENT
FE	FIRE ESCAPE
IN	INCH
IND	INDEPENDENT
INT	INTERIOR
FD	FULL DEMOLITION
FDC	FIRE DEPARTMENT CONNECTION AKA SIAMESE CONNECTION
FDN	FOUNDATION
FDNY	FIRE DEPARTMENT OF NEW YORK CITY
FL	FLOOR LEVEL
FT	FOOT
FN	FENCE
FTG	FOOTING
HVAC	HEATING, VENTILATION AND AIR CONDITIONING EQUIPMENT
JST	JOIST
LIRR	LONG ISLAND RAIL ROAD
LL	LIVE LOAD
LPC	LANDMARKS PRESERVATION COMMISSION
MAX	MAXIMUM
MECH	MECHANICAL
MEP	BUILDING MECHANICAL, ELECTRICAL, & PLUMBING SYSTEMS
MIN	MINIMUM
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NTS	NOT TO SCALE
NYC BC	NYC BUILDING CODE
NYC FC	NYC FIRE CODE
NYC DEP	NEW YORK CITY DEPT. OF ENVIRONMENTAL PROTECTION
NYC DOB	NEW YORK CITY DEPT. OF BUILDINGS
NYC DOT	NEW YORK CITY DEPT. OF TRANSPORTATION
PROVIDE NYC PARKS DEPT REGULATION TREE PROTECTION, TYP.	NEW YORK CITY DEPT. OF PARKS AND RECREATION
NYC TA	NEW YORK CITY TRANSIT AUTHORITY
NYS	NEW YORK STATE
NYS DEC	NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
OC	ON CENTER
OHP	OVERHEAD PROTECTION
OPNG	OPENING
℄	PROPERTY LINE
PL	PLATE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PWTB	PARTY WALL TIE-BACK
RC	REINFORCED CONCRETE
REQD	REQUIRED
RR	RAIL ROAD
SEP	SEPARATE
SPK	SPRINKLER
SP	STANDPIPE
SSEES	SITE SPECIFIC ENGINEERED ENCLOSURE SYSTEM
SSP	SITE SAFETY PLAN
SSM	SITE SAFETY MANAGER
STD	STANDARD
SZ	SAFETY ZONE
TBR	TO BE REMOVED
TO	TOP OF
TOB	TOP OF BEAM
TOC	TOP OF CURB OR TOP OF CONCRETE
TOF	TOP OF FOOTING
TOW	TOP OF WALL
TPP	TENANT PROTECTION PLAN
TR	TO REMAIN
SOG	SLAB ON GRADE
SOE	SUPPORT OF EXCAVATION
STL	STEEL
STY	STORY
UOA	UNLESS OTHERWISE APPROVED *BY DIRECTOR'S REPRESENTATIVE IN WRITING
VIF	VERIFY IN FIELD
WD	WOOD
WT	WEIGHT
W/O	WITHOUT

EMERGENCY CONTACT INFORMATION	
FIRE, POLICE OR MEDICAL EMERGENCIES	911
NON-EMERGENCY CITY SERVICES	311
NYC EMERGENCY MANAGEMENT	(212) 639-9675
CONSTRUCTION SAFETY ENFORCEMENT (CSE)	(212) 393-2404
CONSTRUCTION SAFETY COMPLIANCE (CSC)	(212) 393-2404

LOCAL FIRE DEPARTMENT	
FDNY ENGINE 235 BATALLION 57	(718) 965-8235
206 MONROE STREET, BROOKLYN, NEW YORK 11216	

LOCAL POLICE PRECINCT	
NYPD 88TH PRECINCT	(718) 636-6511
298 CLASSON AVE, BROOKLYN, NY 11205	

LOCAL EMS STATION	
FDNY EMS STATION 31	(718) 260-7500
100 N PORTLAND AVE, BROOKLYN, NY 11205	

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

ANCORA

Engineering + Architecture

ENERGY CODE STATEMENT:

TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 ENERGY CODE.

UNIFORM CODE STATEMENT:

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STATE OF NEW YORK · JAMES M. PAPPAGEORGE · LICENSED PROFESSIONAL ENGINEER · 092183

REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	10/09/2025	BID DOCUMENT & MTA 02

PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE: GENERAL NOTES

DRAWING NUMBER: C–001

SHEET 9 OF 43

36x24 PLOT SHEET

FIRE PREVENTION AND FIRE PROTECTION. FIRE[-]FIGHTING EQUIPMENT, FIREFIGHTING ACCESS AT THE CONSTRUCTION OR DEMOLITION SITE, AND THE CONDUCT OF ALL CONSTRUCTION OR DEMOLITION OPERATIONS AFFECTING FIRE PREVENTION AND FIRE FIGHTING SHALL COMPLY WITH THE NEW YORK CITY FIRE CODE.

WATER SUPPLY. A WATER SUPPLY FOR FIRE PROTECTION SHALL BE PROVIDED IN ACCORDANCE WITH THE *NEW YORK CITY FIRE CODE*.

FIRE EXTINGUISHERS. FIRE EXTINGUISHERS SHALL BE PROVIDED IN ACCORDANCE WITH THE *NEW YORK CITY FIRE CODE*.

SMOKING. SMOKING SHALL BE PROHIBITED AT ALL CONSTRUCTION AND DEMOLITION SITES. NO SMOKING SIGNS SHALL BE POSTED AT THE SITE IN ACCORDANCE WITH THE PROVISIONS OF THE *NEW YORK CITY FIRE CODE*.

SCOPE. ALL FULL DEMOLITION AND PARTIAL DEMOLITION OPERATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THIS SECTION SO THAT THE SAFETY OF THE PUBLIC AND PROPERTY WILL NOT BE ENDANGERED BY DEMOLITION OPERATIONS.

PROTECTION OF PEDESTRIANS AND ADJOINING PROPERTY. DEMOLITION OPERATIONS SHALL NOT COMMENCE UNTIL THE APPLICABLE PEDESTRIAN AND ADJOINING PROPERTY PROTECTION IS IN PLACE. IN ADDITION, SAFETY ZONES AND MEASURES TO PREVENT ACCESS SHALL BE IMPLEMENTED.

PREVENTING ACCESS. THE CONTRACTOR, SHALL INSTITUTE AND MAINTAIN MEASURES TO PREVENT PERSONS OTHER THAN WORKERS FROM ENTERING AREAS WHERE DEMOLITION WORK IS OCCURRING, DEBRIS IS STORED, OR EQUIPMENT IS LOCATED.

SAFETY ZONE FOR EXTERIOR DEMOLITION. WHERE DEMOLITION WORK OCCURS ON THE EXTERIOR OF A BUILDING, THE CONTRACTOR, SHALL INSTITUTE AND MAINTAIN A SAFETY ZONE AROUND THE SITE TO PREVENT PERSONS OTHER THAN WORKERS FROM ENTERING SUCH SAFETY ZONE.

SIZE OF SAFETY ZONE FOR MECHANICAL DEMOLITION. WHERE MECHANICAL DEMOLITION EQUIPMENT, OTHER THAN HANDHELD DEVICES, IS TO BE USED FOR THE FULL OR PARTIAL DEMOLITION OF A BUILDING, THE SAFETY ZONE SHALL BE EQUAL TO OR GREATER THAN HALF THE HEIGHT OF THE BUILDING TO BE DEMOLISHED; SUCH SAFETY ZONE MAY BE REDUCED BY THE SAME RATIO AS THE BUILDING IS BEING DEMOLISHED.

DEMOLITION SEQUENCE. ANY STRUCTURAL MEMBER THAT IS BEING DISMEMBERED SHALL NOT SUPPORT ANY LOAD OTHER THAN ITS OWN WEIGHT. NO WALL, CHIMNEY, OR OTHER STRUCTURAL PART SHALL BE LEFT IN SUCH CONDITION THAT IT MAY COLLAPSE OR BE TOPPLED BY WIND, VIBRATION OR ANY OTHER CAUSE. THE METHOD OF REMOVAL OF ANY STRUCTURAL MEMBER SHALL NOT DESTABILIZE REMAINING MEMBERS. ALL HANDLING AND MOVEMENT OF MATERIAL OR DEBRIS SHALL BE CONTROLLED SUCH THAT IT WILL NOT DEVELOP UNACCOUNTED IMPACT LOADS ON THE STRUCTURE.

STRUCTURAL STEEL, REINFORCED CONCRETE, AND HEAVY TIMBER BUILDINGS. STRUCTURAL STEEL, REINFORCED CONCRETE, AND HEAVY TIMBER BUILDINGS, OR PORTIONS THEREOF, SHALL BE DEMOLISHED COLUMN LENGTH-BY-COLUMN LENGTH AND TIER-BY-TIER. STRUCTURAL MEMBERS SHALL BE CHAINED OR LASHED IN PLACE TO PREVENT ANY UNCONTROLLED SWING OR DROP.

MASONRY BUILDINGS WITH WOODEN FLOORS. DEMOLITION OF MASONRY BUILDINGS WITH WOODEN FLOORS SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

1. DEMOLITION OF WALLS AND PARTITIONS SHALL PROCEED IN A SYSTEMATIC MANNER, AND ALL WORK ABOVE EACH TIER OF FLOOR BEAMS SHALL BE COMPLETED BEFORE ANY OF THE SUPPORTING STRUCTURAL MEMBERS ARE DISTURBED.
2. SECTIONS OF MASONRY WALLS SHALL NOT BE LOOSENED OR PERMITTED TO FALL IN SUCH MASSES AS TO AFFECT THE CARRYING CAPACITY OF FLOORS OR THE STABILITY OF STRUCTURAL SUPPORTS.
3. NO SECTION OF MASONRY WALL WITH A HEIGHT TO THICKNESS RATIO GREATER THAN 22 SHALL BE PERMITTED TO STAND WITHOUT THE WALL BEING BRACED. SUCH BRACING SHALL BE DESIGNED AND STAMPED BY THE CONTRACTORS.

SAFEGUARDS. DEMOLITION SHALL BE CONDUCTED IN ACCORDANCE WITH THE BELOW REQUIREMENTS:

DUST. DUST PRODUCING OPERATIONS SHALL BE WETTED DOWN TO THE EXTENT NECESSARY TO CONTROL THE DUST.

HAZARDS TO BE REMOVED. PRIOR TO THE COMMENCEMENT OF DEMOLITION OPERATIONS HAZARDS SHALL BE REMOVED.

COMBUSTIBLE CONTENT. PRIOR TO THE COMMENCEMENT OF DEMOLITION OPERATIONS, THE AREA AUTHORIZED TO BE DEMOLISHED BY THE WORK PERMIT SHALL BE THOROUGHLY CLEANED OF COMBUSTIBLE CONTENT AND DEBRIS, INCLUDING BUT NOT LIMITED TO BUILDING CONTENTS AND EXTERIOR FINISHES, DOWN TO THE STRUCTURAL ELEMENTS.

GLASS. PRIOR TO THE COMMENCEMENT OF DEMOLITION OPERATIONS, ALL GLASS LOCATED IN THE AREA AUTHORIZED TO BE DEMOLISHED BY THE WORK PERMIT, INCLUDING BUT NOT LIMITED TO GLASS IN WINDOWS, DOORS, SKYLIGHTS, AND FIXTURES, SHALL BE REMOVED.

STEAM AND FUEL. PRIOR TO THE COMMENCEMENT OF DEMOLITION OPERATIONS, ALL PIPES, TANKS, BOILERS, OR SIMILAR DEVICES CONTAINING STEAM OR FUEL AND LOCATED IN THE AREA TO BE DEMOLISHED SHALL BE PURGED OF SUCH STEAM OR FUEL.

EXCEPTION: PIPES, TANKS, BOILERS, OR SIMILAR DEVICES CONTAINING STEAM OR FUEL LOCATED IN THE AREA TO BE DEMOLISHED AND WHICH WILL NOT BE DISTURBED DURING THE COURSE OF THE DEMOLITION OPERATION MAY, IN LIEU OF BEING PURGED, BE SAFEGUARDED SO AS TO PREVENT THEIR BEING DAMAGED DURING THE COURSE OF DEMOLITION OPERATIONS.

ALL ENCLOSED VERTICAL SHAFTS AND STAIRS SHALL BE MAINTAINED ENCLOSED AT ALL FLOORS EXCEPT THE TOPMOST FLOOR BEING DEMOLISHED, AND ALL WORK ON THE TOPMOST FLOOR SHALL BE COMPLETED BEFORE STAIR AND SHAFT ENCLOSURES ON THE FLOOR BELOW ARE DISTURBED. ALL HAND RAILS AND BANISTERS SHALL BE LEFT IN PLACE UNTIL ACTUAL DEMOLITION OF SUCH FLOORS IS IN PROGRESS.

FLOORS. THE SAFEGUARDS SHALL APPLY TO DEMOLITION OPERATIONS INVOLVING FLOORS.

BEARING PARTITIONS AND HEADERS. NO BEARING PARTITION SHALL BE REMOVED FROM ANY FLOOR UNTIL THE FLOOR FRAMING SYSTEM ON THE FLOOR ABOVE HAS BEEN REMOVED AND LOWERED. ALL HEADER BEAMS AND HEADERS AT STAIR OPENINGS AND CHIMNEYS SHALL BE CAREFULLY EXAMINED AND, WHERE REQUIRED, SHALL BE SHORED FROM THE CELLAR FLOOR THROUGH SUCCESSIVE FLOORS. ALL OPERATIONS SHALL BE CONTINUALLY [INSPECTED] MONITORED BY THE CONTRACTOR'S LICENSED PROFESSIONAL ENGINEER AS THE WORK PROGRESSES TO DETECT ANY HAZARDS THAT MAY DEVELOP.

FLOOR OPENINGS NOT TO AGGREGATE MORE THAN 25 PERCENT OF THE GROSS FLOOR AREA. OPENINGS IN ANY FLOOR SHALL NOT AGGREGATE MORE THAN 25 PERCENT OF THE AREA OF THAT FLOOR UNLESS IT CAN BE SHOWN BY SUBMISSION FROM A REGISTERED DESIGN PROFESSIONAL TO THE SATISFACTION OF THE COMMISSIONER THAT LARGER OPENINGS WILL NOT IMPAIR THE STABILITY OF THE STRUCTURE.

COVERING OF FLOOR OPENINGS. EVERY OPENING NOT USED FOR THE REMOVAL OF DEBRIS IN ANY FLOOR SHALL BE CLEARLY MARKED AND SOLIDLY PLANKED OVER BY PLANKING NOT LESS THAN 2 INCHES (51 MM) IN THICKNESS, OR EQUIVALENT SOLID MATERIAL, LAID CLOSE.

STORAGE OF MATERIAL. MATERIAL SHALL NOT BE STORED ON CATCH PLATFORMS, WORKING PLATFORMS, FLOORS, OR STAIRWAYS OF ANY STRUCTURE, EXCEPT THAT ANY ONE FLOOR OF A BUILDING TO BE DEMOLISHED MAY BE USED FOR THE TEMPORARY STORAGE OF MATERIAL WHEN SUCH FLOOR CAN BE EVALUATED BY THE CONTRACTOR'S LICENSED PROFESSIONAL ENGINEER AND PROVEN TO BE OF ADEQUATE STRENGTH TO SUPPORT ONE AND ONE-HALF TIMES THE LOAD TO BE SUPERIMPOSED. SUCH EVALUATION BY THE CONTRACTOR'S LICENSED PROFESSIONAL ENGINEER SHALL BE PROVIDED TO THE DIRECTOR'S REPRESENTATIVE FOR REVIEW AND APPROVAL.
STORAGE SPACES SHALL NOT INTERFERE WITH ACCESS TO ANY STAIRWAY OR PASSAGEWAY, AND SUITABLE BARRICADES SHALL BE PROVIDED SO AS TO PREVENT MATERIAL FROM SLIDING OR REBOUNDING INTO ANY SPACE ACCESSIBLE TO THE PUBLIC. ALL MATERIAL SHALL BE SAFELY STORED OR PILED IN SUCH STORAGE LOCATIONS IN A MANNER THAT WILL NOT OVERLOAD ANY PART OF THE STRUCTURE OR CREATE ANY HAZARD.

AVOID INTERFERENCE. STORAGE SPACES SHALL NOT INTERFERE WITH ACCESS TO ANY STAIRWAY OR PASSAGEWAY, AND SUITABLE BARRICADES SHALL BE PROVIDED SO AS TO PREVENT MATERIAL FROM SLIDING OR REBOUNDING INTO ANY SPACE ACCESSIBLE TO THE PUBLIC. ALL MATERIAL SHALL BE SAFELY STORED OR PILED IN SUCH STORAGE LOCATIONS IN A MANNER THAT WILL NOT OVERLOAD ANY PART OF THE STRUCTURE OR CREATE ANY HAZARD.

EXAMINATION OF CONNECTIONS. BEFORE ANY MATERIAL IS STORED ON ANY FLOOR, THE EXISTING FLOORING ADJACENT TO BEARING WALLS, SHEAR WALLS, BEAMS AND COLUMNS SHALL BE REMOVED AND THE CONNECTIONS OF THE FLOOR FRAMING SYSTEM TO THE BEARING WALLS, SHEAR WALLS, BEAMS AND COLUMNS SHALL BE CAREFULLY EXAMINED BY A COMPETENT PERSON DESIGNATED BY THE PERMIT HOLDER TO ASCERTAIN THEIR CONDITION AND ADEQUACY TO SUPPORT SUCH MATERIAL. IF THE CONNECTIONS ARE FOUND TO BE IN POOR CONDITION OR INADEQUATE TO SUPPORT THE STORED MATERIAL, NO MATERIAL SHALL BE DEPOSITED ON THE FLOOR UNTIL THESE CONNECTIONS ARE SHORED FROM THE CELLAR FLOOR THROUGH EACH SUCCESSIVE FLOOR OR OTHERWISE STRENGTHENED TO SAFELY SUPPORT SUCH MATERIAL.

REMOVAL OF FLOOR SLABS FOR STORAGE. IN BUILDINGS OF NONCOMBUSTIBLE CONSTRUCTION, FLOOR SLABS TO AN ELEVATION OF NOT MORE THAN 25 FEET (7620 MM) ABOVE THE LEGALLY ESTABLISHED CURB LEVEL MAY BE REMOVED TO PROVIDE TEMPORARY STORAGE FOR DEBRIS, PROVIDED THAT:

1. THE STORED DEBRIS IS PILED WITH SUFFICIENT UNIFORMITY TO PREVENT LATERAL DISPLACEMENT OF INTERIOR WALLS OR COLUMNS AS DETERMINED BY THE CONTRACTOR'S LICENSED PROFESSIONAL ENGINEER.
2. THE HEIGHT OF THE PILED MATERIAL WILL NOT BURST THE EXTERIOR WALLS DUE TO HORIZONTAL LOADING AS DETERMINED BY THE CONTRACTOR'S LICENSED PROFESSIONAL ENGINEER.
3. THE OPERATION DOES NOT OTHERWISE ENDANGER THE STABILITY OF THE STRUCTURE.

CELLAR OR BASEMENT STORAGE. DEBRIS STORED IN THE CELLAR OR BASEMENT SHALL NOT BE PILED ABOVE THE LEVEL OF THE ADJACENT EXTERIOR GRADE UNLESS THE DEMOLITION CONTRACTOR PROVIDES SHEET-PILING, SHORING, BRACING, OR SUCH OTHER MEANS NECESSARY TO INSURE THE STABILITY OF THE WALLS AND TO PREVENT ANY WALL FROM COLLAPSING DUE TO HORIZONTAL LOADING CREATED BY THE DEBRIS AS DETERMINED BY THE CONTRACTOR'S LICENSED PROFESSIONAL ENGINEER. WHERE DEBRIS IS STORED AGAINST A PARTY WALL, THE REQUIREMENTS OF SECTION 3306.9.11.5 SHALL ALSO APPLY.

REMOVAL OF MATERIAL. DEBRIS, BRICKS, AND SIMILAR MATERIAL SHALL BE REMOVED THROUGH OPENINGS IN THE FLOORS OF THE STRUCTURE, OR BY MEANS OF CHUTES, BUCKETS, OR HOISTS THAT COMPLY WITH THE PROVISIONS OF THIS CHAPTER.

FLOOR OPENINGS USED FOR THE REMOVAL OF DEBRIS. EVERY OPENING IN A FLOOR USED FOR THE REMOVAL OF DEBRIS SHALL BE TIGHTLY ENCLOSED WITH A SHAFTWAY, EXTENDING FROM FLOOR TO FLOOR, WITH SUCH SHAFTWAY ENCLOSED WITH:

1. PLANKING NOT LESS THAN 2 INCHES (51 MM) IN THICKNESS, OR EQUIVALENT SOLID MATERIAL; OR
2. WHERE THE OPENING IS USED FOR THE REMOVAL OF NONCOMBUSTIBLE MATERIAL, WIRE MESH MAY BE UTILIZED IN LIEU OF PLANKING, PROVIDED SUCH MESH IS NOT LESS THAN NUMBER 18 GAUGE WIRE MESH, WITH OPENINGS IN THE WIRE NO LARGER THAN ½ INCH (13 MM), AND ALSO PROVIDED THAT THE WIRE MESH IS SECURELY ATTACHED, IN ACCORDANCE WITH DRAWINGS DEVELOPED BY THE CONTRACTOR'S LICENSED PROFESSIONAL ENGINEER, TO THE SHAFTWAY SO THAT THE WIRE MESH ENCLOSURE IN ANY LOCATION DOES NOT DEFLECT MORE THAN 2 INCHES (51 MM) WHEN A FORCE OF AT LEAST 200 POUNDS (890 N) IS APPLIED ALONG ANY HORIZONTAL PORTION OF SUCH WIRE MESH ENCLOSURE.

EXCEPTIONS:

1. IN BUILDINGS NOT MORE THAN SIX STORIES OR 75 FEET(22,860 MM) IN HEIGHT,WHICHEVER IS LESS, A SHAFTWAY IS NOT REQUIRED. INSTEAD OPENINGS IN THE FLOOR SHALL BE CLEARLY MARKED AND SOLIDLY PLANKED OVER WHILE NOT IN USE BY PLANKING NOT LESS THAN 2 INCHES (51 MM) IN THICKNESS, OR EQUIVALENT SOLID MATERIAL, AND LAID CLOSE.
2. A SHAFTWAY IS NOT REQUIRED AT THE WORKING DECK. INSTEAD, OPENINGS IN THE WORKING DECK SHALL BE CLEARLY MARKED AND SOLIDLY PLANKED OVER WHILE NOT IN USE BY PLANKING NOT LESS THAN 2 INCHES (51 MM) IN THICKNESS, OR EQUIVALENT SOLID MATERIAL, LAID CLOSE.

TEMPORARY REMOVAL OF PROTECTION. WHEREVER A SHAFTWAY OR PLANKING HAS BEEN TEMPORARILY REMOVED TO PERMIT DEBRIS REMOVAL, THE FLOOR OPENING[S] SHALL BE PROTECTED BY [STANDARD GUARDRAILS] SUCH [COVERING] PROTECTION SHALL BE PROMPTLY REPLACED IN POSITION UPON THE CEASING OF SUCH WORK AT THE END OF EACH WORKDAY.

PROTECTION OF WALL OPENINGS. IN ANY BUILDING MORE THAN 25 FEET HIGH (7620 MM), ANY WINDOW OR OTHER EXTERIOR WALL OPENING THAT IS WITHIN 20 FEET (6096 MM) OF A FLOOR OPENING USED FOR THE PASSAGE OF DEBRIS FROM LEVELS ABOVE SHALL BE SOLIDLY BOARDED UP OR OTHERWISE SUBSTANTIALLY COVERED, UNLESS SUCH WINDOW OR OPENING IS SO LOCATED AS TO PRECLUDE THE POSSIBILITY OF ANY PERSON BEING INJURED BY MATERIAL THAT MAY FALL FROM SUCH WINDOW OR OPENING.

CHUTES. CHUTES USED IN ASSOCIATION WITH THE REMOVAL OF MATERIALS SHALL COMPLY WITH SECTION 3303.5.5.

RODENT EXTERMINATION. THE CONTRACTOR SHALL ENGAGE WITH A LICENSED EXTERMINATOR TO EFFECTIVELY TREAT THE PREMISES FOR RODENT EXTERMINATION AS PER THE REQUIREMENTS OF THE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

CHIMNEYS. WHERE BRICK OR MASONRY CHIMNEYS CANNOT BE SAFELY TOPPLED OR DROPPED, ALL MATERIALS SHALL BE DROPPED DOWN ON THE INSIDE OF SUCH CHIMNEYS.

PARTITIONS. PARTITIONS REQUIRED FOR THE STABILITY OF THE STRUCTURE OR REQUIRED FOR EGRESS, AS IDENTIFIED IN THE SUBMITTAL DOCUMENTS, SHALL BE CLEARLY MARKED PRIOR TO THE COMMENCEMENT OF DEMOLITION OPERATIONS. SUCH PARTITIONS SHALL NOT BE REMOVED UNTIL THE CONTRACTOR HAS DETERMINED THE DEMOLITION SEQUENCE, AS IDENTIFIED IN THE SUBMITTAL DOCUMENTS, HAS REACHED THE POINT THE PARTITIONS CAN BE SAFELY REMOVED, AND AUTHORIZES THEIR REMOVAL.

TEMPORARY WEATHER PROTECTION. TEMPORARY WEATHER PROTECTION SHALL BE INSTALLED AND MAINTAINED BY THE DEMOLITION CONTRACTOR, AS NECESSARY, TO PROTECT BUILDING SYSTEMS OR ELEMENTS THAT MAY BE SUSCEPTIBLE TO EXPOSURE TO THE WEATHER DURING PERIODS WHERE THE PERMANENT WEATHER PROTECTION HAS BEEN BREACHED, DIMINISHED, OR IS NOT YET IN PLACE. SUCH BUILDING SYSTEMS OR ELEMENTS INCLUDE, BUT ARE NOT LIMITED TO, WALLS, PARTY WALLS, ROOFS, AREAS OF MISSING BRICK, LOOSE LAIN BRICK, AND EXPOSED ELECTRICAL CONDUIT.

REMOVAL OF FOUNDATIONS AND SLABS. WHERE A BUILDING, OR ANY PORTION, HAS BEEN DEMOLISHED TO GRADE, THE FLOOR SLAB OR FOUNDATION OF SUCH BUILDING, OR PORTION, SHALL BE REMOVED AND THE SITE BACKFILLED TO GRADE.

EXCEPTIONS:

1. CELLAR FLOORS MAY REMAIN PROVIDED THE CELLAR FLOOR SLAB IS BRO-KEN UP TO THE EXTENT NECESSARY TO PROVIDE GROUND DRAINAGE AND PREVENT ACCUMULATION OF WATER, AND ALSO PROVIDED THAT ALL FIXTURES OR EQUIPMENT THAT WOULD CAUSE VOIDS IN THE FILL ARE REMOVED.

COMPLETION OF DEMOLITION OPERATIONS. ALL WORK REQUIRED FOR STRUCTURAL STABILITY AND PERMANENT WATERPROOFING OF ADJACENT BUILDINGS MUST BE COMPLETED PRIOR TO DEMOLITION SIGN-OFF.

PROTECTION REQUIRED. ADJOINING PUBLIC AND PRIVATE PROPERTY, INCLUDING PERSONS THEREON, SHALL BE PROTECTED FROM DAMAGE AND INJURY DURING CONSTRUCTION OR DEMOLITION WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THIS SECTION. PROTECTION MUST BE PROVIDED FOR FOOTINGS, FOUNDATIONS,PARTY WALLS, CHIMNEYS, SKYLIGHTS AND ROODS. PROVISIONS SHALL BE MADE TO CONTROL WATER RUN-OFF AND EROSION DURING CONSTRUCTION OR DEMOLITION ACTIVITIES

NOTIFICATION. WHERE A CONSTRUCTION OR DEMOLITION PROJECT WILL REQUIRE ACCESS TO ADJOINING PROPERTY IN ACCORDANCE WITH THIS SECTION, WRITTEN NOTIFICATION SHALL BE PROVIDED TO THE ADJOINING PROPERTY OWNER AT LEAST 60 CALENDAR DAYS PRIOR TO THE COMMENCEMENT OF WORK. SUCH NOTIFICATION SHALL DESCRIBE THE NATURE OF WORK, ESTIMATED SCHEDULE AND DURATION, DETAILS OF INSPECTIONS OR MONITORING TO BE PERFORMED ON THE ADJOINING PROPERTY, PROTECTION TO BE INSTALLED ON THE ADJOINING PROPERTY, AND CONTACT INFORMATION FOR THE PROJECT. WHERE NO RESPONSE IS RECEIVED, A SECOND WRITTEN NOTIFICATION SHALL BE MADE NO MORE THEN 45 CALENDAR DAYS, AND NOT LESS THAN 30 CALENDAR DAYS, PRIOR TO COMMENCEMENT OF WORK.

LICENSE TO ENTER ADJOINING PROPERTY. THE RESPONSIBILITY OF AFFORDING ANY LICENSE TO ENTER ADJOINING PROPERTY SHALL REST UPON THE OWNER OF THE ADJOINING PROPERTY INVOLVED AND IN CASE ANY TENANT OF SUCH OWNER FAILS OR REFUSES TO PERMIT THE OWNER TO AFFORD SUCH LICENSE, SUCH FAILURE OR REFUSAL SHALL BE A CAUSE FOR THE OWNER TO DISPOSSESS SUCH TENANT THROUGH APPROPRIATE LEGAL PROCEEDINGS FOR RECOVERING POSSESSION OF REAL PROPERTY. NOTHING IN THIS CHAPTER SHALL BE CONSTRUED TO PROHIBIT THE OWNER OF THE PROPERTY UNDERTAKING CONSTRUCTION OR DEMOLITION WORK FROM PETITIONING FOR A SPECIAL PROCEEDING PURSUANT TO SECTION 881 OF THE REAL PROPERTY ACTIONS AND PROCEEDINGS LAW.

PHYSICAL EXAMINATION WHEN PERMISSION TO ENTER UPON ADJOINING PROPERTY HAS BEEN OBTAINED, A PHYSICAL EXAMINATION OF SUCH PROPERTY SHALL BE CONDUCTED BY THE DIRECTOR'S REPRESENTATIVE AND CONTRACTOR PRIOR TO THE COMMENCEMENT OF THE OPERATIONS AND AT REASONABLE PERIODS DURING THE PROGRESS OF THE WORK. OBSERVED CONDITIONS SHALL BE RECORDED BY THE DIRECTOR'S REPRESENTATIVE AND CONTRACTOR, AND SUCH RECORDS SHALL BE MADE AVAILABLE TO THE DEPARTMENT UPON REQUEST.

36x24 PLOT SHEET

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

ANCORA
Engineering + Architecture

ENERGY CODE STATEMENT:

TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 ENERGY CODE.

UNIFORM CODE STATEMENT:

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WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND A CLASS 'A' MISDEMEANOR.

STATE OF NEW YORK · JAMES M. PAPPAS · LICENSED PROFESSIONAL ENGINEER · 092183

REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING
JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET
BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	10/09/2025	BID DOCUMENT & MTA 02

PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE:

DEMOLITION NOTES

DRAWING NUMBER:

C–002

SHEET 10 OF 43

EXTERNAL PARTNER PROGRAM
NEW YORK CITY TRANSIT
ADJACENCY GENERAL NOTES

ALL NOTES LISTED BELOW SHALL BE INCLUDED IN THE PROJECT'S CONTRACT DRAWINGS.

1. THE NYC TRANSIT (NYCT) RESERVES THE RIGHT TO PLACE INSPECTORS, FLAGMEN OR OTHER PERSONNEL IN THE SUBWAY STRUCTURES DURING CONSTRUCTION OF THE PROJECT LINKED BY A TELEPHONE SYSTEM, IF DEEMED NECESSARY, TO OBSERVE THE EFFECTS OF THE CONSTRUCTION ON THE TRANSIT FACILITIES. NYCT FURTHER RESERVES THE RIGHT TO PLACE SUCH PERSONNEL WHENEVER, IN ITS OPINION, THE PROJECT CONDITIONS WARRANT SUCH PLACEMENT, REGARDLESS OF DISTANCE. THE COST OF SUCH PERSONNEL, TELEPHONE INSTALLATION AND ANY RE-ROUTES, DIVERSIONS OF SERVICE, WORK TRAINS, ETC., MADE NECESSARY BY THE PROJECT, MUST BE BORNE BY THE PROJECT OR THE RESPONSIBLE NEW YORK CITY/STATE AGENCY.
2. ALL ROCK EXCAVATION ADJACENT TO THE TRANSIT STRUCTURE SHALL BE CHANNEL DRILLED TWO FEET BELOW SUBGRADE.
3. IF TOP OF ROCK IS FOUND BELOW SUBWAY STRUCTURE, THE SUBWAY STRUCTURE SHALL BE UNDERPINNED IN ACCORDANCE WITH DRAWINGS SUBMITTED TO NYCT FOR REVIEW AND APPROVAL. UNDERPINNING DRAWINGS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK.
4. IF THE ROCK STRATUM QUALITY IS SOFT OR SEAMY, LATERAL SUPPORTS SHALL BE PROVIDED BELOW THE SUBWAY STRUCTURE IN ACCORDANCE WITH DRAWINGS AND CALCULATIONS SUBMITTED TO NYCT FOR REVIEW AND APPROVAL. LATERAL SUPPORT SYSTEM DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK.
5. BLASTING WITH LIGHT CHARGES ONLY SHALL BE PERMITTED SUBJECT TO THE APPROVAL OF NYCT'S ENGINEER AND IN ACCORDANCE WITH THE REGULATIONS OF THE FIRE DEPARTMENT. THE CONTRACTOR SHALL PROVIDE A DETAILED MONITORING PLAN, PROVIDING FOR MEASUREMENTS OF BOTH PARTICLE VELOCITY AND DISPLACEMENTS AT CRITICAL LOCATIONS OF THE NYCT STRUCTURE. THE MONITORING PLAN SHALL INCLUDE THRESHOLD AND UPSET LEVELS OF BOTH PARTICLE VELOCITY AND SETTLEMENT TOGETHER WITH AN ACTION PLAN FOR THEIR IMPLEMENTATION. THE CONTRACTOR SHALL SECURE AN APPROVED SEISMOLOGIST TO INSTALL AND OPERATE SUITABLE VELOCITY GAUGES TO CONTINUOUSLY MONITOR PARTICLE VELOCITY AND AN INDEPENDENT LICENSED SURVEYOR TO MONITOR DISPLACEMENTS. A QUALIFIED TECHNICIAN FROM THE MONITORING COMPANY SHALL BE ON SITE TO PROVIDE VIBRATION READINGS UPON THE REQUEST OF A NYCT ENGINEER. THE THRESHOLD MAXIMUM PARTICLE VELOCITY ABOVE THE AMBIENT CAUSED BY THE BLASTING SHALL BE 0.5 INCH PER SECOND. VALUES EXCEEDING THIS LEVEL SHALL BE REVIEWED AND EVALUATED BY NYCT'S ENGINEER. MEASURED PARTICLE VELOCITIES UNDER THE BLASTING WORK SHALL NOT EXCEED THE UPSET LEVEL OF 2.0 INCHES PER SECOND AT ANY TIME.
6. BEFORE PLACING CONCRETE, THE SUBGRADE OF THE FOUNDATIONS IN THE VICINITY OF THE SUBWAY STRUCTURE SHALL BE INSPECTED AND APPROVED BY NYCT'S ENGINEER.
7. ANY DAMAGE TO NYCT STRUCTURES OR ARCHITECTURAL ELEMENTS SHALL BE REPAIRED AND/OR REPLACED WITH THE SAME IN KIND, SUBJECT TO THE APPROVAL OF THE NYCT ENGINEER AT THE EXPENSE OF THE PROJECT.
8. EXCAVATION EMBANKMENTS SHALL BE SHORED AND BRACED. DRAWINGS INDICATING A SUGGESTED METHOD OF CONSTRUCTION SHALL BE SUBMITTED TO NYCT FOR REVIEW AND APPROVAL IN CONJUNCTION WITH THE PROJECT'S CONTRACT DRAWINGS. IF IT IS DETERMINED THAT EXCAVATION MAY UNDERMINE NYCT'S STRUCTURAL FOUNDATION, UNDERPINNING SHALL BE REQUIRED. DRAWINGS AND CALCULATIONS FOR THE UNDERPINNING SHALL BE SUBMITTED TO NYCT FOR REVIEW AND APPROVAL PRIOR TO EXCAVATION. DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK.
9. TEMPORARY SHORING MAY BE PLACED IN DIRECT CONTACT WITH NYCT STRUCTURES ONLY IF THE NYCT STRUCTURE IS SHOWN TO BE ABLE TO SUPPORT ALL ANTICIPATED (EXISTING AND TEMPORARY) LOADS THAT CAN BE TRANSFERRED THROUGH THE TEMPORARY STRUCTURES WITHOUT DAMAGING OR ALTERING THE EXISTING STRUCTURE. ALL CALCULATIONS AND DRAWINGS FOR THE TEMPORARY SHORING INSTALLATION AND REMOVAL SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK. THE CALCULATIONS AND DRAWINGS SHALL BE SUBMITTED TO NYCT FOR REVIEW AND APPROVAL. AT THE COMPLETION OF THE PROJECT, THESE TEMPORARY SHORING AND BRACING SYSTEMS SHALL BE REMOVED, OR CUT-OFF AS APPROVED BY NYCT. ANY DAMAGES INCURRED DURING THE INSTALLATION AND REMOVAL OF THE TEMPORARY SHORING SHALL BE REPAIRED AND/OR REPLACED TO THE SATISFACTION OF THE NYCT ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
10. WHEN PILES ARE DRIVEN OR DRILLED ADJACENT TO THE SUBWAY STRUCTURE, BORING DATA, PILE LAYOUTS, SPECIFICATIONS AND INSTALLATION PROCEDURES SHALL BE SUBMITTED TO NYCT FOR APPROVAL. VELOCITY METERS SHALL BE INSTALLED IN THE SUBWAY TUNNEL AT CRITICAL LOCATIONS TO MONITOR INDUCED VIBRATIONS. INDUCED DISPLACEMENTS ALONG THE TUNNEL STRUCTURE AND TRACK INVERT SHALL BE MONITORED DURING DRIVING OR DRILLING. THE THRESHOLD MAXIMUM PARTICLE VELOCITY ABOVE THE AMBIENT CAUSED BY THE DRIVING OR DRILLING SHALL BE 0.5 INCH PER SECOND. VALUES EXCEEDING THIS LEVEL SHALL BE REVIEWED AND EVALUATED BY THE NYCT ENGINEER. MEASURED PARTICLE VELOCITIES DUE TO DRIVING OR DRILLING PILE WORK SHALL NOT EXCEED THE UPSET LEVEL OF 2.0 INCHES PER SECOND AT ANY TIME
11. NO PILES SHALL BE INSTALLED BY ANY METHOD WITHIN THREE FEET OF SUBWAY STRUCTURE, MEASURED FROM THE EDGE OF THE PILE OR CASING TO THE WALL. CLOSED-END PILES SHALL NOT BEDRIVEN WITHIN TEN FEET OF THE SUBWAY STRUCTURE.
12. ALL PILES SHALL BE PLACED WITHIN A PRE-AUGERED CASED HOLE TO THE INFLUENCE LINE. THE CASING SHALL BE CLEANED WITHOUT DISTURBING THE SOIL OUTSIDE THE CASING AND THE PILE SHALL BE PLACED WITHIN THE CASING FOR INSTALLATION. THE PILES MAY THEN BE DRIVEN BEYOND THE INFLUENCE LINE WITHIN THE CASING.
13. THE INFLUENCE LINE SHALL START AT THE BOTTOM OF THE SUBWAY STRUCTURE AND EXTEND FROM 1H:1V TO 2H:1V SLOPE DEPENDING ON THE SOIL PROPERTIES AND GROUND WATER TABLE. FOR PILES INSTALLED WITHIN TEN FEET OF THE SUBWAY STRUCTURE, THE CASING SHALL EXTEND TO THE BOTTOM OF THE SUBWAY STRUCTURE.
14. ALL PILES SHALL BE DRIVEN OR DRILLED A MINIMUM OF TEN FEET BELOW THE INTERSECTION OF THE PILE CENTERLINE AND THE INFLUENCE LINE OF THE SUBWAY STRUCTURE.
15. THE USE OF "DOWN-THE-HOLE-HAMMERS" FOR INSTALLATION OF PILES THROUGH OVERBURDEN AND FILL SHALL BE PERMITTED ONLY TO REMOVE BOULDERS. THIS METHOD SHALL NOT BE PERMITTED AS A MATTER OF COURSE TO ADVANCE THE HOLE. FURTHERMORE, THIS METHOD USED TO CONSTRUCT ROCK SOCKETS SHALL NOT BE ALLOWED WITHIN 5 FEET OF THE NYCT STRUCTURE. THE USE OF MACHINE UTILIZING AIR FOR SOIL REMOVAL SHALL NOT BE ALLOWED.
16. VIBRATORY HAMMERS SHALL NOT BE PERMITTED WITHIN 75 FEET OF SUBWAY STRUCTURES. HOE RAMS SHALL NOT BE PERMITTED WITHIN 25 FEET OF SUBWAY STRUCTURES.
17. DYNAMIC COMPACTION METHODS USING DROPPED HEAVY WEIGHTS SHALL NOT BE CONDUCTED WITHIN 1000 FEET OF ANY NYCT STRUCTURE UNLESS IT IS SHOWN THAT INDUCED SETTLEMENTS AND VIBRATIONS WILL NOT DAMAGE THESE STRUCTURES. A SUITABLE MONITORING PLAN INCLUDING SETTLEMENT AND VIBRATION MEASUREMENTS SHALL BE APPROVED BY THE NYCT ENGINEER FOR ALL SUCH OPERATIONS WITHIN THESE DISTANCES PRIOR TO WORK.
18. THERE SHALL BE NO MACHINE EXCAVATION WITHIN 3 FEET OF NYCT STRUCTURES, POWER DUCT LINES, OR ANY OTHER FACILITIES UNTIL THEY HAVE BEEN CAREFULLY EXPOSED BY HAND EXCAVATION.
19. ALL DEWATERING OPERATIONS CONDUCTED WITHIN 500 FEET OF THE NYCT STRUCTURE SHALL BE PERFORMED IN ACCORDANCE WITH DRAWINGS, CALCULATIONS AND PROCEDURES SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK. THESE DRAWINGS, CALCULATIONS AND PROCEDURES SHALL BE SUBMITTED TO NYCT FOR REVIEW AND APPROVAL. THE DISTANCE FROM THE STRUCTURE TO THE DEWATERING OPERATION MAY BE REDUCED PROVIDED THAT SOIL CONDITIONS AT THE SITE INDICATE THAT THE RADIUS OF INFLUENCE OF THE DEWATERING IS LESS THAN 500 FEET. FOR DEWATERING WITHIN THE RADIUS OF INFLUENCE, THE DEWATERING PROGRAM SHALL BE SHOWN TO HAVE NEGLIGIBLE INFLUENCE ON SETTLEMENTS OF THE NYCT STRUCTURE.
20. SUBWAY ENTRANCES, VENTILATORS, VAULTS AND ANY NYCT APPURTENANCES AT THE SIDEWALK SHALL BE UNDERPINNED OR SHORED AND BRACED IF DIRECTED BY NYCT'S ENGINEER.
21. NYCT, AT ITS DISCRETION, RESERVES THE RIGHT TO REQUIRE THE PROJECT TO CLOSE OR MAINTAIN AND PROTECT EXISTING SUBWAY ENTRANCES, VENTILATORS, STRUCTURES AND PROPERTY ADJACENT TO THE PROJECT DURING CONSTRUCTION. SUCH CONSTRUCTION MAY INCLUDE UNDERPINNING, SHORING, BRACING AND ERECTION OF SUITABLE BARRICADES AND/OR CANOPIES AND SHIELDS. SUCH PROTECTION SHALL BE IN ACCORDANCE WITH DRAWINGS AND CALCULATIONS SUBMITTED TO NYCT FOR REVIEW AND APPROVAL. ALL DRAWINGS AND CALCULATIONS SUBMITTED TO NYCT SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK.
22. TEMPORARY AND PERMANENT SHIELD INSTALLATION PLANS AND CALCULATIONS PROTECTING NYCT FACILITIES AND/OR THE PUBLIC SHALL BE SUBMITTED TO NYCT FOR APPROVAL. THE PLANS SHALL INCLUDE THE LOCATION, DESIGN LOAD, TYPE AND METHOD OF ATTACHMENT TO THE TRANSIT STRUCTURE. THESE PLANS AND CALCULATIONS SUBMITTED TO NYCT SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK.
23. ALL LUMBER AND PLYWOOD USED FOR PROTECTION OF SUBWAY FACILITIES SHALL BE FIRE RETARDANT.
24. SUBWAY EMERGENCY EXITS SHALL BE KEPT CLEAR AT ALL TIMES.
25. SPECIAL CARE SHALL BE EXERCISED WHEN EXCAVATING OVER OR NEAR THE SUBWAY ROOF SO THAT THE THIN CONCRETE PROTECTION OF THE SUBWAY WATERPROOFING IS NOT DAMAGED. REPAIR PLANS FOR DAMAGE TO THE WATER PROTECTION WATERPROOFING LAYER DURING EXCAVATION SHALL BE SUBMITTED FOR NYCT APPROVAL. REPAIR WORK SHALL BE PERFORMED BEFORE EXCAVATED AREA IS FILLED, CLOSED OR COVERED UP AT NO EXPENSE TO NYCT.
26. BURNING OF, WELDING TO OR DRILLING THROUGH EXISTING STEEL STRUCTURES SHALL NOT BE PERMITTED EXCEPT AS SHOWN ON DRAWINGS APPROVED BY NYCT.
27. HORIZONTAL AND VERTICAL CONTROL SURVEY DATA OF THE EXISTING NYCT STRUCTURE SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR TO MONITOR ANY MOVEMENTS THAT OCCUR DURING CONSTRUCTION AND TO CERTIFY THAT THE INDUCED MOVEMENTS ARE WITHIN THE LIMITS NOTED BELOW. IF ANY MOVEMENTS REQUIRE WORK TO BE STOPPED BASED ON THE VALUES BELOW, A REMEDIATION PLAN SHALL BE SUBMITTED TO NYCT FOR APPROVAL BY NYCT PRIOR TO THE REHABILITATION AND REPAIR WORK.

STRUCTURE TYPE	MONITORED & MEASURED MOVEMENT	ACTION TO TAKE
ELEVATED	1/8 INCH OR MORE	NOTIFY NYCT ENGINEER
ELEVATED	1/4 INCH OR MORE	STOP WORK
SUBWAY	1/4 INCH OR MORE	NOTIFY NYCT ENGINEER
SUBWAY	1/2 INCH OR MORE	STOP WORK

28. BUS ROUTES AFFECTED BY THE PROJECT MAY REQUIRE BUS DIVERSIONS. THESE ARRANGEMENTS SHALL BE MADE THROUGH:

MS. SARAH WYSS
SENIOR DIRECTOR, OPERATIONS PLANNING
NEW YORK CITY TRANSIT
2 BROADWAY, ROOM A17.82
NEW YORK, NEW YORK 10004
TELEPHONE NUMBER (646) 252-5517

WHEN IMPACTING ANY BUS STOP, SPECIAL OPERATIONS SHALL BE NOTIFIED TWO WEEKS IN ADVANCE.

29. DUCT LINES SHALL BE MAINTAINED AND PROTECTED DURING CONSTRUCTION. ANY INTERFERENCE WITH DUCT LINES SHALL BE REPORTED TO THE NYCT ENGINEER. WHEN A DUCT LINE CONTAINING CABLES IS TO BE REMOVED, OR WHEN MASONRY ADJACENT THERETO IS TO BE REMOVED, PENETRATED, OR DRILLED, THE WORK SHALL BE DONE WITH HAND LABOR ENTIRELY, USING HAMMER AND CHISEL. JACKHAMMERS, BULL POINTS OR OTHER POWER EQUIPMENT SHALL NOT BE USED.

30. WHERE MANHOLES ARE ENCOUNTERED:
a) THEY SHALL BE PROTECTED AND RAISED OR LOWERED AS REQUIRED, TO MATCH THE NEW STREET GRADE.
b) IF MANHOLE COVERS ARE RAISED OR LOWERED, PROTECT CABLES IN MANHOLE BY WOOD SHEETING OF 2" NOMINAL THICKNESS.
c) PRIOR TO THE START OF CONSTRUCTION OPERATIONS AFFECTING MANHOLES AND DUCT LINES, SEVEN DAYS NOTICE MUST BE GIVEN TO MR. LIONEL SAINT LOUIS P.E., ASSISTANT CHIEF OFFICER, INSPECTIONS AND EMERGENCY RESPONSE, MOW ENGINEERING, AT 347-672-2448, LIONEL.SAINTLOUIS@NYCT.COM.

31. CONSTRUCTION WORK DONE NEAR VENT GRATINGS AND HATCHES SHALL BE AS FOLLOWS:
a) UNLESS APPROVED BY THE NYCT ENGINEER, ALL VENT GRATINGS AND HATCHES SHALL REMAIN OUTSIDE THE CONSTRUCTION SITE, SEPARATED BY A CONSTRUCTION FENCE. PROTECTIVE SHIELDS SHALL BE PROVIDED OVER VENT GRATINGS AS REQUIRED BY THE NYCT ENGINEER.
b) NO BUILDING MATERIAL, VEHICLES OR CONSTRUCTION EQUIPMENT SHALL BE STORED OR COVER OVER VENT, GRATINGS, HATCHES OR EMERGENCY EXITS.
c) DETAILS OF SIDEWALK RECONSTRUCTION AROUND VENT GRATINGS, ENTRANCES, HATCHES AND EMERGENCY EXITS SHALL BE

SUBMITTED TO NYCT FOR APPROVAL.

32. TRACTORS, CRANES, EXCAVATORS, AND ANY HEAVY EQUIPMENT USED IN THE VICINITY OF THE ELEVATED STRUCTURES SHALL BE SOLATED FROM THE GROUND. SINCE THE ELEVATED STRUCTURE IS USED AS A NEGATIVE RETURN PATH, WITH A CONSEQUENT POTENTIAL BETWEEN IT AND THE GROUND, ANY CONTACT BETWEEN THE STRUCTURE AND GROUNDED EQUIPMENT COULD RESULT IN BURNING OF THE STEEL.
33. TEMPORARY CONSTRUCTION SHEDS, BARRICADES OR PLYWOOD PARTITIONS SHALL BE A MINIMUM OF 5'-0" FROM EDGE OF FINISHED PLATFORM. ALL BARRICADE PLANS SHALL BE SUBMITTED TO NYCT'S OFFICE OF STATION PROGRAMS FOR REVIEW AND APPROVAL.
34. THE GENERAL REQUIREMENTS FOR NYCT STATION AREAS OR STAIRWAY/CLOSINGS ARE AS FOLLOWS:
a) ONLY ONE STAIRWAY AT EACH STATION SHALL BE PERMITTED TO BE CLOSED AT THE SAME TIME. APPROVALS FOR CLOSING ANY STAIRWAY SHALL BE OBTAINED FROM THE DIVISION OF STATION PROGRAMS AT LEAST THREE WEEKS IN ADVANCE.
b) MS. SUSANNAH HARRINGTON, DIRECTOR, OFFICE OF STATION PROGRAMS; TELEPHONE 718-694-4891, EMAIL SUSANNAH.HARRINGTON@NYCT.COM OF THE DIVISION OF STATIONS SHALL BE NOTIFIED THREE WEEKS PRIOR TO THE ACTUAL CLOSING AND REOPENING OF THE ENTRANCE.
c) SIGNAGE SHALL BE SUPPLIED AND POSTED AT LEAST TWO WEEKS IN ADVANCE, ADVISING THE PUBLIC OF THE PROPOSED SUBWAY STAIR CLOSING. HOWEVER, IF IT IS AN ENTIRE ENTRANCE CLOSING, SIGNAGE SHALL BE POSTED TWO WEEKS IN ADVANCE.
d) THE STREET ENTRANCE STAIRWAY SHALL NOT BE CLOSED UNLESS MANPOWER AND MATERIALS ARE AVAILABLE TO COMMENCE WORK ON DATES PERMITTED.
e) ONCE THE CLOSING IS EFFECTIVE, CONSTRUCTION SIGNS SHALL BE PLACED AT APPROPRIATE LOCATIONS ON THE BARRICADES AT THE STREET AND MEZZANINE LEVELS, STATING THE CONTRACTOR'S NAME, 24 HOUR EMERGENCY TELEPHONE NUMBER, CONTRACT NUMBER, THE DURATION OF THE CLOSING, DIRECTION TO AN ALTERNATE ENTRANCE/EXIT, AND AN APOLOGY FOR THE INCONVENIENCE TO OUR CUSTOMERS.

F) EXISTING STATION SIGNAGE SHALL BE ADJUSTED TO REFLECT ANY CHANGES IN ACCESS/EGRESS.
g) BARRICADES SHALL BE PAINTED FEDERAL BLUE AND BE MADE OF FIRE RATED MATERIAL. BARRICADES SHALL BE KEPT GRAFFITI FREE AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN THE BARRICADED AREA CLEAN OF ALL DEBRIS.
h) ALL MATERIALS SHALL BE PROPERLY STORED AND SECURED AWAY FROM CUSTOMER TRAFFIC.
i) THE CONTRACTOR SHALL REMOVE ALL WASTE MATERIAL AND BARRICADES FROM ALL STATION AREAS WHEN CONSTRUCTION IS COMPLETED.
j) INSPECTION OF THE AREA UNDER CONSTRUCTION BY AUTHORIZED NYCT STATION DEPARTMENT EMPLOYEES SHALL NOT BE INHIBITED.
k) IF STREETLIGHTS ON THE SIDEWALKS ARE AFFECTED, TEMPORARY LIGHTS SHALL BE PROVIDED.

35. IF NEW CONCRETE CONSTRUCTION IS DESIGNED TO JOIN TO EXISTING CONCRETE, DOWELS, LAP SPLICES AND KEYWAYS SHALL BE USED IN ACCORDANCE WITH NYCT STANDARDS. OTHERWISE, COLD JOINTS SHALL BE DESIGNED IN ACCORDANCE WITH NYCT STANDARDS.
36. IF THE PROJECT INVOLVES CONSTRUCTION OR ALTERATION OF A SUBWAY FACILITY ON PRIVATE PROPERTY, THE PROPERTY OWNERS SHALL ENTER INTO AN AGREEMENT WITH NYCT PERTAINING TO ALL WORK AFFECTING THE TRANSIT FACILITIES WITH CLEARLY DEFINED LIMITS AND RESPONSIBILITY FOR MAINTENANCE AND LIABILITY.
37. WHEREVER A NEW SIDEWALK IS BEING PLACED ADJACENT TO NYCT STRUCTURES THE FOLLOWING SHALL BE REQUIRED:
a) THE TOP OF THE NEW SIDEWALK SHALL BE FLUSH WITH THE SUBWAY VENT GRATINGS, HATCHES AND EMERGENCY EXITS.
b) THE SLOPE OF THE NEW SIDEWALK SHALL BE SUCH THAT THE DRAINAGE BE AWAY FROM THESE STRUCTURES.
c) A 1/2" PREMOLDED FILLER SHALL BE INSTALLED BETWEEN THE NEW SIDEWALK AND THE NYCT STRUCTURE.
d) WHERE SIDEWALK ELEVATIONS ARE BEING CHANGED, DETAILS OF PROPOSED WORK AROUND NYCT STRUCTURES SHALL BE SUBMITTED FOR APPROVAL.

38. BEFORE ENTERING NYCT PROPERTY, CONTRACTOR OR SUBCONTRACTOR'S PERSONNEL SHALL HAVE ATTENDED NYCT TRACK SAFETY TRAINING AND EXPECT TO FOLLOW NYCT RULES AND REGULATIONS AS PER TRAINING AND INSTRUCTIONS.
39. BEFORE THE START OF ANY WORK, THE CONTRACTOR SHALL MAKE AN EXAMINATION, IN THE PRESENCE OF NYCT'S ENGINEER, OF THE INTERIOR AND EXTERIOR OF NYCT SUBWAY OR OTHER STRUCTURE ADJACENT TO THE PROPOSED WORK. THE PERSON OR PERSONS AUTHORIZED BY THE CONTRACTOR TO MAKE THESE EXAMINATIONS SHALL BE APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL TAKE ALL PHOTOGRAPHS AS MAY BE NECESSARY OR ORDERED TO INDICATE THE EXISTING CONDITION OF NYCT STRUCTURE. ANY STRUCTURALLY DEFICIENT CONDITION SHALL BE MADE SAFE PRIOR TO THE COMMENCEMENT OF THE WORK. A COPY OF THE FIELD REPORT WITH PHOTOS SHALL BE SUBMITTED TO MR. LIONEL SAINT LOUIS, P.E., ASSISTANT CHIEF OFFICER, INSPECTIONS AND EMERGENCY RESPONSE, MOW ENGINEERING, 130 LIVINGSTON STREET, ROOM 8046, BROOKLYN, NEW YORK 11201, TELEPHONE 347-672-2448, EMAIL LIONEL.SAINTLOUIS@NYCT.COM BEFORE THE START OF CONSTRUCTION.
40. ALL ARCHITECTURAL DETAILS (SERVICE BOOTHS, RAILINGS, DOORS, ETC.) SHALL CONFORM TO THE LATEST NYCT STANDARDS. THESE STANDARDS ARE AVAILABLE AT NYCT.
41. STANDARD NYCT INSURANCE CLAUSES SHALL BE MADE PART OF THE PROJECT'S CONTRACT DRAWINGS. PROOF THAT THE NECESSARY INSURANCE IS IN EFFECT SHALL BE REQUIRED BEFORE WORK CAN COMMENCE.
42. AT THE CLOSE OF ANY PROJECT INVOLVING CONSTRUCTION OR ALTERATIONS TO TRANSIT FACILITIES, A PDF AND ELECTRONIC COPIES COMPLYING TO MICROSTATION.DGN FORMAT OF "APPROVED AS-BUILTS' MUST BE PROVIDED TO NYCT FOR ITS RECORDS. FOR DETAILS OF SPECIFIC REQUIREMENTS, CONTACT MTA CONSTRUCTION AND DEVELOPMENT EXTERNAL PARTNER PROGRAM.
43. AT LEAST THREE WEEKS PRIOR TO THE START OF CONSTRUCTION OPERATIONS, NOTIFICATION SHALL BE GIVEN TO MR. LIONEL SAINT LOUIS, P.E., ASSISTANT CHIEF OFFICER, INSPECTIONS AND EMERGENCY RESPONSE, MOW ENGINEERING.
44. IF CHANGED FIELD CONDITIONS ARE FOUND OR DEVIATIONS ARE MADE FROM THE APPROVED DRAWINGS, REVISED DRAWINGS SHALL BE RESUBMITTED FOR MTA APPROVAL.

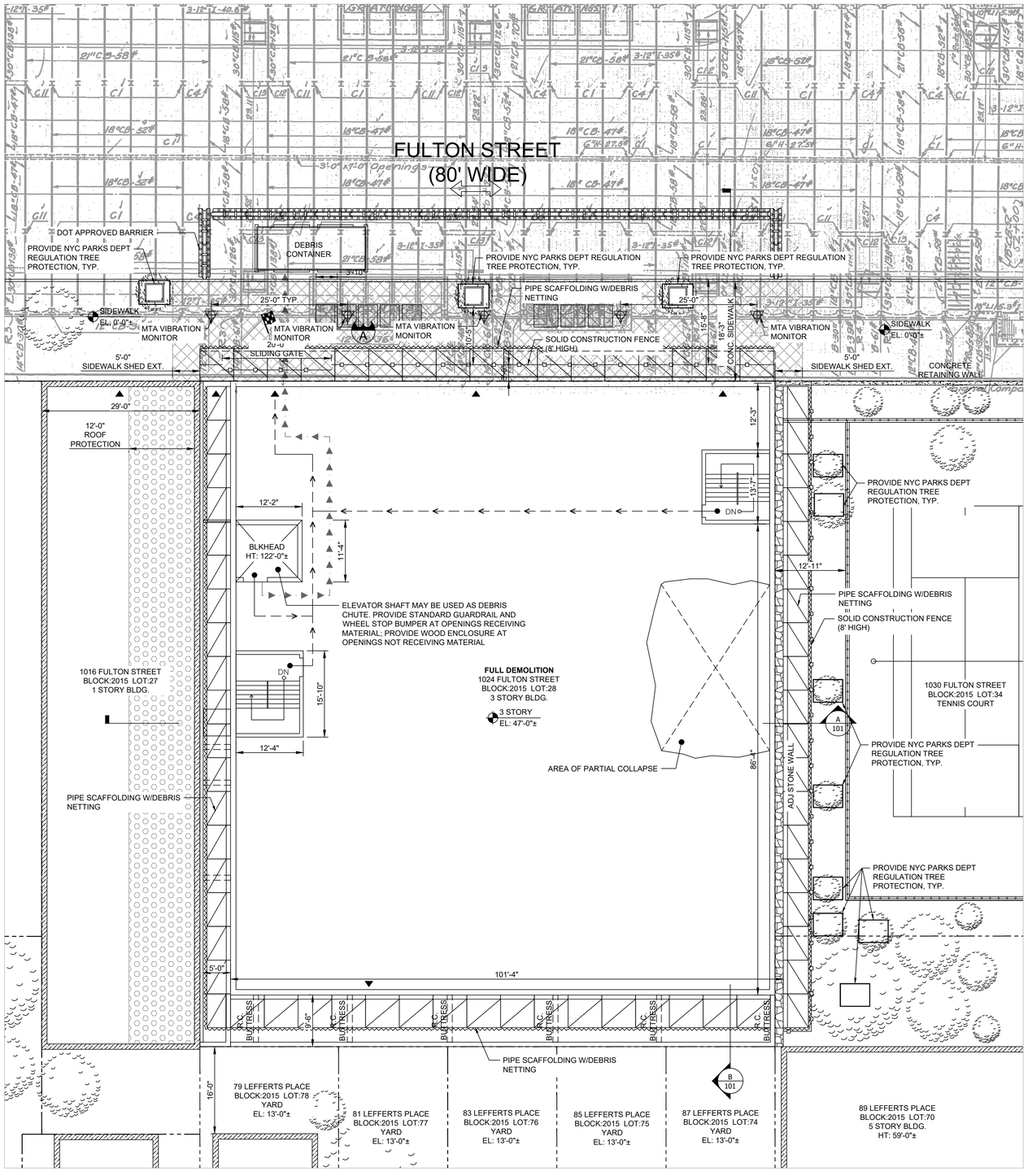
NEW YORK CITY TRANSIT AUTHORITY (THE "AUTHORITY") - NOT FOR BENEFIT INSURANCE REQUIREMENTS

SECTION A. INSURANCE COVERAGES

THE PERMITTEE, AT ITS SOLE COST AND EXPENSE, SHALL OBTAIN AND MAINTAIN AT ALL TIMES DURING THE PERFORMANCE OF THE WORK SUCH POLICIES OF INSURANCE AS SET FORTH BELOW:

1. WORKERS' COMPENSATION INSURANCE AS REQUIRED BY STATUTE IN THE STATE IN WHICH THE WORK WILL BE PERFORMED. EMPLOYER'S LIABILITY INSURANCE WITH LIMITS OF NOT LESS THAN $1,000,000 BODILY INJURY PER ACCIDENT; $1,000,000 BODILY INJURY PER DISEASE; AND $1,000,000 ANNUAL AGGREGATE. FOR WORK CONDUCTED OUTSIDE THE STATE OF NEW YORK, EMPLOYER'S LIABILITY INSURANCE REQUIRES LIMITS OF NOT LESS THAN $2,000,000 BODILY INJURY PER ACCIDENT; $2,000,000 BODILY INJURY PER DISEASE; AND $2,000,000 ANNUAL AGGREGATE AND MUST PROVIDE PROOF THAT ITS WORKERS' COMPENSATION INSURANCE POLICY HAS BEEN ENDORSED TO INCLUDE "OTHER STATES COVERAGE."

   IF THE REQUESTING PARTY LEASES ONE OR MORE EMPLOYEES THROUGH THE USE OF A PAYROLL, EMPLOYEE MANAGEMENT, OR OTHER SIMILAR COMPANY, THEN THE PERMITTEE MUST PROCURE WORKER'S COMPENSATION INSURANCE WRITTEN ON AN "IF ANY" POLICY FORM, INCLUDING AN ENDORSEMENT PROVIDING COVERAGE FOR ALTERNATE EMPLOYER/LEASED EMPLOYEE LIABILITY.
2. COMMERCIAL GENERAL LIABILITY ("CGL") INSURANCE, COVERING CLAIMS FOR PERSONAL AND ADVERTISING INJURY, BODILY INJURY (INCLUDING DEATH) AND PROPERTY DAMAGE ARISING OUT OF THE WORK AND IN A FORM PROVIDING COVERAGE NO LESS BROAD THAN THAT OF THE CURRENT ISO COMMERCIAL GENERAL LIABILITY INSURANCE POLICY (OCCURRENCE FORM, NUMBER CG 00 01). SUCH INSURANCE SHALL PROVIDE COVERAGE FOR ALL OPERATIONS INCLUDING THE PRODUCTS-COMPLETED OPERATIONS HAZARD, AND SHALL BE MAINTAINED FOR A PERIOD OF AT LEAST THREE (3) YEARS AFTER FINAL COMPLETION, SUBJECT TO THE LIMITATION OF ANY APPLICABLE STATUTE. THE LIMITS OF SUCH INSURANCE SHALL RENEW ANNUALLY AND NOT BE LESS THAN $2,000,000 PER OCCURRENCE; $4,000,000 PRODUCTS AND COMPLETED OPERATIONS AGGREGATE; AND $4,000,000 PER PROJECT GENERAL AGGREGATE. THIS REQUIREMENT MAY BE SATISFIED BY A COMBINATION OF A PRIMARY CGL POLICY COVERAGE WITH LIMITS OF NOT LESS THAN $1,000,000 PER OCCURRENCE, AND FOLLOWING-FORM EXCESS OR UMBRELLA LIABILITY INSURANCE POLICY(IES) WHICH EQUAL THE TOTAL LIMITS REQUIRED ABOVE AND FOR EXCESS OR UMBRELLA LIABILITY INSURANCE IN SECTION 4 BELOW. THE CGL AND EXCESS OR UMBRELLA LIABILITY INSURANCE POLICIES MUST BE WRITTEN ON AN OCCURRENCE BASIS FORM, AND MUST COMPLY WITH THE FOLLOWING PROVISIONS:
   - THE POLICY SHALL INCLUDE INDEPENDENT CONTRACTOR AND CONTRACTUAL LIABILITY COVERAGES;
   - THE POLICY SHALL NOT CONTAIN ANY CONTRACTUAL EXCLUSION RELATIVE TO LABOR LAWS OR ANY OTHER EXCLUSIONS OR LIMITATIONS DIRECTED TOWARD ANY TYPES OF PROJECTS, MATERIALS OR PROCESSES INVOLVED IN THE WORK;
   - THE POLICY SHALL NOT CONTAIN ANY OF THE FOLLOWING EXCLUSIONS: SUBCONTRACTOR'S EXCLUSION; CONSTRUCTION DEFECT EXCLUSION; LEASED WORKER EXCLUSION; CROSS LIABILITY EXCLUSION; CRANE EXCLUSION; AND DEMOLITION EXCLUSION OR "EXPLOSION, COLLAPSE AND UNDERGROUND" EXCLUSION;
   - CONSTRUCTION WORK TAKING PLACE WITHIN 50 FEET OF A RAILROAD MUST INCLUDE:
     - CONTRACTUAL LIABILITY - RAILROADS CG 24 17 LISTING THE SCHEDULED RAILROAD AND DESIGNATED JOB SITE.
     - COVERAGE FOR CLAIMS FOR BODILY INJURY ASSERTED BY A RAILROAD EMPLOYEE OF AN ADDITIONAL INSURED AND ANY EMPLOYER'S LIABILITY EXCLUSION WHICH MAY OTHERWISE OPERATE TO EXCLUDE SUCH COVERAGE SHALL BE REMOVED.
3. BUSINESS AUTOMOBILE LIABILITY INSURANCE, IF ANY OWNED, NON-OWNED OR HIRED VEHICLES ARE USED BY THE PERMITTEE WHETHER ON OR OFF-SITE, COVERING THE LIABILITY OF THE PERMITTEE ARISING OUT OF ANY VEHICLE THAT BEARS, OR IS REQUIRED TO BEAR, LICENSE PLATES ACCORDING TO THE LAWS OF THE JURISDICTION IN WHICH THEY ARE OPERATED AND ARE COVERED BY THE PERMITTEE'S COMMERCIAL GENERAL LIABILITY. SUCH INSURANCE SHALL PROVIDE COVERAGE AT LEAST AS BROAD AS THE STANDARD ISO COMPREHENSIVE AUTOMOBILE LIABILITY POLICY (CA 00 01, CA 00 05, CA 00 12, CA 0020), WITH LIMITS NOT LESS THAN $2,000,000 EACH ACCIDENT ON A COMBINED SINGLE BASIS. IF THE WORK INVOLVES TRANSPORTATION OF HAZARDOUS OR REGULATED SUBSTANCES, HAZARDOUS OR REGULATED WASTES AND/OR HAZARDOUS OR REGULATED MATERIALS, THE PERMITTEE SHALL PROVIDE POLLUTION AUTO COVERAGE EQUIVALENT TO THAT PROVIDED UNDER THE ISO POLLUTION LIABILITY-BROADENED COVERAGE FOR COVERED AUTOS ENDORSEMENT (CA 99 48), AND THE MOTOR CARRIER ACT ENDORSEMENT (MCS 90). ANY STATUTORILY REQUIRED "NO-FAULT" BENEFITS AND UNINSURED/UNDERINSURED MOTORIST COVERAGE SHALL BE INCLUDED.
4. UMBRELLA/EXCESS LIABILITY INSURANCE, WITH LIMITS NOT LESS THAN $3,000,000 PER OCCURRENCE IN EXCESS OF THE LIMITS FOR COMMERCIAL GENERAL LIABILITY, EMPLOYER'S LIABILITY, AND BUSINESS AUTOMOBILE LIABILITY INSURANCE WHICH IS AT LEAST AS BROAD AS EACH OF THE UNDERLYING POLICIES. THE UMBRELLA/EXCESS LIABILITY POLICY SHALL BE WRITTEN ON A "FOLLOW-ON" AND "FOLLOWING FORM" BASIS, WITH ONLY SUCH EXCEPTIONS EXPRESSLY APPROVED BY THE AUTHORITY/MTA.
5. RAILROAD PROTECTIVE LIABILITY INSURANCE (ISO-RIMA OR EQUIVALENT FORM), IF ANY WORK WILL BE TAKING PLACE WITHIN 50 FEET OF A RAILROAD, SUBWAY OR SIMILAR TRACKED CONVEYANCE OR REQUIRES FLAG OR PROTECTIVE MEASURES BY THE AUTHORITY OR ITS AFFILIATES OR THEIR RESPECTIVE EMPLOYEES, COVERING THE WORK TO BE PERFORMED AT THE DESIGNATED JOB SITE AND AFFORDING PROTECTION FOR DAMAGES ARISING OUT OF BODILY INJURY OR DEATH, PHYSICAL DAMAGE TO OR DESTRUCTION OF PROPERTY, INCLUDING DAMAGE TO THE INSURED'S OWN PROPERTY AND CONFORMING TO THE FOLLOWING:
   - THE POLICY SHALL BE ISSUED TO AND SHALL NAME AS THE "NAMED INSUREDS" EACH OF THE INDEMNIFIED PARTIES LISTED UNDER SECTION D BELOW.
   - THE LIMIT OF LIABILITY SHALL BE NOT LESS THAN $2,000,000 PER OCCURRENCE, SUBJECT TO A $6,000,000 ANNUAL AGGREGATE;
   - POLICY MUST BE ENDORSED TO PROVIDE COVERAGE FOR



1 NYCT PLAN
SCALE: 3/32" = 1'-0"

GUIDELINES FOR SUBMISSION OF INSURANCE

1. INSURANCE REQUIREMENTS:
REFER TO YOUR AGREEMENT FOR REQUIRED INSURANCE COVERAGES, LIMITS, AND ENDORSEMENTS AND REVIEW WITH
YOUR AUTHORIZED INSURANCE BROKER FOR COMPLIANCE.

2. ACCEPTABLE FORMS OF INSURANCE:
- ACORD 25: CERTIFICATE OF INSURANCE
- ACORD 855: NY CONSTRUCTION CERTIFICATE OF LIABILITY ADDENDUM
- ACORD 28: CERTIFICATE OF COMMERCIAL PROPERTY INSURANCE
- ACORD BINDER OR INSURANCE POLICY
- WORKERS' COMPENSATION (ALTERNATIVE OPTIONS):
  - C-105.2 – CERTIFICATE OF WORKERS' COMPENSATION INSURANCE; OR
  - U-26.3 – CERTIFICATE OF WORKERS' COMPENSATION FROM THE STATE INSURANCE FUND; OR
  - GSI-105/SI-12 – CERTIFICATE OF WORKERS' COMPENSATION SELF INSURANCE; OR
  - CE-200 – ATTESTATION OF EXEMPTION WHEN CONTRACTOR MEETS THE REQUIREMENTS (E.G.) SOLE PROPRIETOR

3. CERTIFICATE OF INSURANCE MUST INCLUDE AT A MINIMUM:
- POLICY COVERAGE DETAILS (E.G.) POLICY TERM, PER OCCURRENCE/PER PROJECT; LIMITS/SUB-LIMITS, AGGREGATE LIMITS, DEDUCTIBLES, SELF-INSURED RETENTIONS, AND INSURANCE CARRIER NAME AND CORRESPONDING NAIC #
- CONTRACT IDENTIFIER (E.G.) CONTRACT #, RFP #, OR ENTRY PERMIT #
- LOCATION AND DESCRIPTION OF WORK
- INDEMNIFIED PARTIES AS AN ADDITIONAL INSURED INCLUDING PRIMARY AND NONCONTRIBUTORY COVERAGE AND WAIVER OF SUBROGATION IN FAVOR OF THE MTA AGENCY
- CERTIFICATE HOLDER MUST LIST THE MTA AGENCY'S NAME AND ADDRESS
- CERTIFICATE OF INSURANCE MUST BE SIGNED BY AN AUTHORIZED INSURANCE REPRESENTATIVE

4. INSURANCE BINDER / POLICY MUST INCLUDE AT A MINIMUM:
(APPLICABLE FOR RAILROAD PROTECTIVE LIABILITY AND BUILDER'S RISK/INSTALLATION FLOATER)
- POLICY COVERAGES AND DETAILS (E.G.) POLICY TERM, LIMITS/SUB-LIMITS, AGGREGATE LIMITS, DEDUCTIBLES, SELFINSURED RETENTIONS, INSURANCE CARRIER NAME AND APPLICABLE NAIC #
- CONTRACT NUMBER OR ENTRY PERMIT NUMBER; DESIGNATED CONTRACTOR; LOCATION AND DESCRIPTION OF
- WORK
- INDEMNIFIED PARTIES AS EITHER A NAMED INSURED OR ADDITIONAL NAMED INSURED
- BINDER MUST BE ISSUED AND SIGNED BY THE AUTHORIZED INSURANCE COMPANY OR THEIR AUTHORIZED INSURANCE AGENT

5. SUBMISSION OF INSURANCE:
(EVIDENCE OF ALL REQUIRED INSURANCE MUST BE SENT TO YOUR AGENCY OR PROCUREMENT REPRESENTATIVE)
- ACORD CERTIFICATE OF INSURANCE
- ADDITIONAL INSURED ENDORSEMENTS (E.G.) CG 20 26
- PRIMARY AND NON-CONTRIBUTORY ENDORSEMENTS
- WAIVER OF SUBROGATION ENDORSEMENTS
- ENVIRONMENTAL ENDORSEMENTS (E.G.) MCS 90 AND CA 99 48, AND OR NODS, WHEN APPLICABLE
- INSURANCE POLICY - A BINDER MAY BE ACCEPTED PENDING ISSUANCE OF THE POLICY. POLICY MUST BE SUBMITTED WITHIN 30 DAYS FROM BINDER EFFECTIVE DATE.
- JOINT VENTURE (JV) – IF THE CONTRACTOR/CONSULTANT IS A JOINT VENTURE, GENERAL LIABILITY INSURANCE MUST BE PROVIDED IN THE NAME OF THE JOINT VENTURE. ALTERNATIVELY, A NAMED INSURED ENDORSEMENT LISTING THE JOINT VENTURE MAY BE ACCEPTED.

6. INSURANCE COMPLIANCE:
THE PERMITTEE WILL BE NOTIFIED WHEN INSURANCE IS COMPLIANT THROUGH THE ASSIGNED "CONTRACT SPECIFIC" EMAIL ADDRESS.

NEW YORK CITY TA REQUIREMENTS FOR APPROVAL OF DEMOLITION PERMITS
THE APPLICANT MUST SUBMIT:
1. A SITE PLAN SHOWING THE LOCATION OF THE BUILDING TO BE DEMOLISHED, NORTH POINT AND DISTANCE TO THE NEAREST INTERSECTIONS. THIS SITE PLAN MUST HAVE A P.E. OR R.A. SEAL.
2. GRATINGS, EMERGENCY EXITS, SUBWAY STAIRS AND OTHER NYC TRANSIT APPURTENANCES MUST BE SHOWN ON THE SITE PLAN.
3. ADDITIONAL INFORMATION MAY BE REQUIRED WHERE BUILDINGS TO BE DEMOLISHED ARE ADJACENT TO NYC TRANSIT FACILITIES.
4. IF THE BUILDING TO BE DEMOLISHED HAS A BASEMENT SUFFICIENTLY DEEP TO HAVE A POTENTIAL IMPACT ON THE NYC TRANSIT FACILITIES, BRACING MAY BE REQUIRED. SUBSEQUENT EXCAVATION FOR CONSTRUCTION OF A NEW BUILDING ON THIS SITE WILL REQUIRE SHEETING AND SHORING DRAWINGS SUBMITTED FOR NYC TRANSIT APPROVAL.
5. IF AN IMPACT CONDITION DOES EXIST, A PLAN SHALL BE SUBMITTED, SEALED BY A P.E., SHOWING THE SITE, EXISTING NYC TRANSIT FACILITIES, APPROPRIATE CROSS SECTIONS AS REQUIRED, AND PROTECTIVE EQUIPMENT AND FACILITIES TO BE PROVIDED BY THE DEMOLITION CONTRACTOR.
6. AN APPROVAL FEE OF $250.00 IS PAYABLE BY CHECK ONLY, MADE OUT TO "NEW YORK CITY TRANSIT."

METROPOLITAN TRANSIT AUTHORITY DEMOLITION NOTES:
1. DEMOLITION SHALL BE BY CONVENTIONAL DEMOLITION METHODS.
2. THE BASEMENT SHALL BE FILLED WITH DEMOLITION DEBRIS OR BRACED UP TO 3 FEET BELOW THE GRADE LEVEL BEFORE THE FIRST FLOOR IS REMOVED.
3. AT OR ADJACENT TO SUBWAY ENTRANCE STAIRS OR VENTILATING GRATINGS OR EMERGENCY EXITS, A STANDARD SIDEWALK SHED SHALL BE ERECTED A MINIMUM FOUR FOOT- HIGH SOLID FENCE, SUCH AS PLYWOOD, SHALL BE PLACED ON THE OUTSIDE OF THE SHED ADJACENT TO THE BUILDING AND SHOWN ON THE SITE PLAN.
4. DEMOLITION MATERIALS AND EQUIPMENT ARE NOT TO BE STORED ON SUBWAY VENTILATORS OR GRATINGS. SUBWAY GRATING, SHALL BE PROTECTED WITH 1" STEEL PLATES FOR 8' ADJACENT TO TRUCK ENTRANCE. AFTER DEMOLITION IS COMPLETED, GRATING DRAINS MUST BE CLEANED OF ALL DEBRIS.
5. IF ANY PORTION OF THE SUBWAY STRUCTURE OR FINISH IS DAMAGED, IT SHALL BE REPAIRED OR REPLACED WITH THE SAME MATERIAL NOW IN PLACE AT THE CONTRACTORS EXPENSE.
6. THE SUBWAY FACILITIES ARE TO BE PROTECTED DURING DEMOLITION SO THAT NO DANGEROUS CONDITION WILL RESULT.
7. NYC TRANSIT SHALL BE NOTIFIED AT LEAST 72 HOURS BEFORE ANY DEMOLITION WORK IS STARTED TO SCHEDULE NYCT INSPECTORS. CONTACT: MR. LIONEL SAINT LOUIS, P.E., ASSISTANT CHIEF OFFICER, INSPECTIONS AND EMERGENCY RESPONSE, MOW, AT (718) 694-1499 AND EMAIL: CONTRACT.INSPECTION@NYCT.COM
8. EMERGENCY EXIT IS TO BE KEPT CLEAR AT ALL TIMES.
9. STANDARD NYCT INSURANCE CLAUSES SHALL BE MADE PART OF THE PROJECT'S CONTRACT DRAWINGS. PROOF THAT THE NECESSARY INSURANCE IS IN EFFECT SHALL BE REQUIRED BEFORE WORK CAN COMMENCE.
10. ALL LUMBER AND PLYWOOD USED FOR PROTECTION OF SUBWAY FACILITIES MUST BE FIRE RETARDED. BELOW STREET LEVEL, FIREPROOF MATERIALS MUST BE USED.
11. BEFORE THE START OF ANY WORK, THE CONTRACTOR SHALL MAKE AN EXAMINATION, IN THE PRESENCE OF NYCT'S ENGINEER, OF THE INTERIOR AND EXTERIOR OF NYCT SUBWAY OR OTHER STRUCTURE ADJACENT TO THE PROPOSED WORK. THE PERSON OR PERSONS AUTHORIZED BY THE CONTRACTOR TO MAKE THESE EXAMINATIONS SHALL BE APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL TAKE ALL PHOTOGRAPHS AS MAY BE NECESSARY OR ORDERED TO INDICATE THE EXISTING CONDITION OF NYCT STRUCTURE. ANY STRUCTURALLY DEFICIENT CONDITION SHALL BE MADE SAFE PRIOR TO THE COMMENCEMENT OF THE WORK. A COPY OF THE FIELD REPORT WITH PHOTOS SHALL BE SUBMITTED TO MR. LIONEL SAINT LOUIS, P.E., ASSISTANT CHIEF OFFICER, INSPECTIONS AND EMERGENCY RESPONSE, MOW ENGINEERING, 130 LIVINGSTON STREET, ROOM 8046, BROOKLYN, NEW YORK 11201, TELEPHONE 347-672- 2448, EMAIL: LIONEL.SAINTLOUIS@NYCT.COM BEFORE THE START OF CONSTRUCTION.

NOTES
A. THE CONTRACTOR IS ADVISED THAT THERE SHALL BE NO MACHINE EXCAVATION WITHIN 3' (THREE FEET) OF NEW YORK CITY TRANSIT STRUCTURE, POWER DUCT LINES OR ANY OTHER FACILITIES UNTIL THEY HAVE BEEN CAREFULLY EXPOSED BY HAND EXCAVATION.
B. THE CONTRACTOR SHALL EXERCISE EXTREME CARE WHEN WORKING WITHIN THE VICINITY OF THE NYCT STRUCTURES. THE CONTRACTOR SHALL BE DEEMED RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING NYCT STRUCTURES CAUSED BY CONTRACTOR OPERATIONS. ANY DAMAGE TO NYCT PROPERTY CAUSED BY CONTRACTOR OPERATIONS SHALL BE REPAIRED BY THE CONTRACTOR, AS DIRECTED BY THE NYCT ENGINEER, AT NO COST TO NYCT.
C. NYCT INSPECTOR IS REQUIRED DURING CONSTRUCTION. PLEASE CONTACT MOW ENGINEERING TO SCHEDULE A NYCT INSPECTOR AT LEAST 72 HOURS PRIOR TO CONSTRUCTION. TELEPHONE 718-694-1499 OR EMAIL **CONTRACT.INSPECTION@NYCT.COM** AND CC **EPP-SAFETY@MTACD.ORG**

NEW YORK STATE OF OPPORTUNITY. Office of General Services
DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

ANCORA
Engineering + Architecture

ENERGY CODE STATEMENT:
TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 ENERGY CODE.

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STATE OF NEW YORK · JAMES M. PAPPAYIANIS · 092183 · LICENSED PROFESSIONAL ENGINEER
REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	10/09/2025	BID DOCUMENT & MTA 02

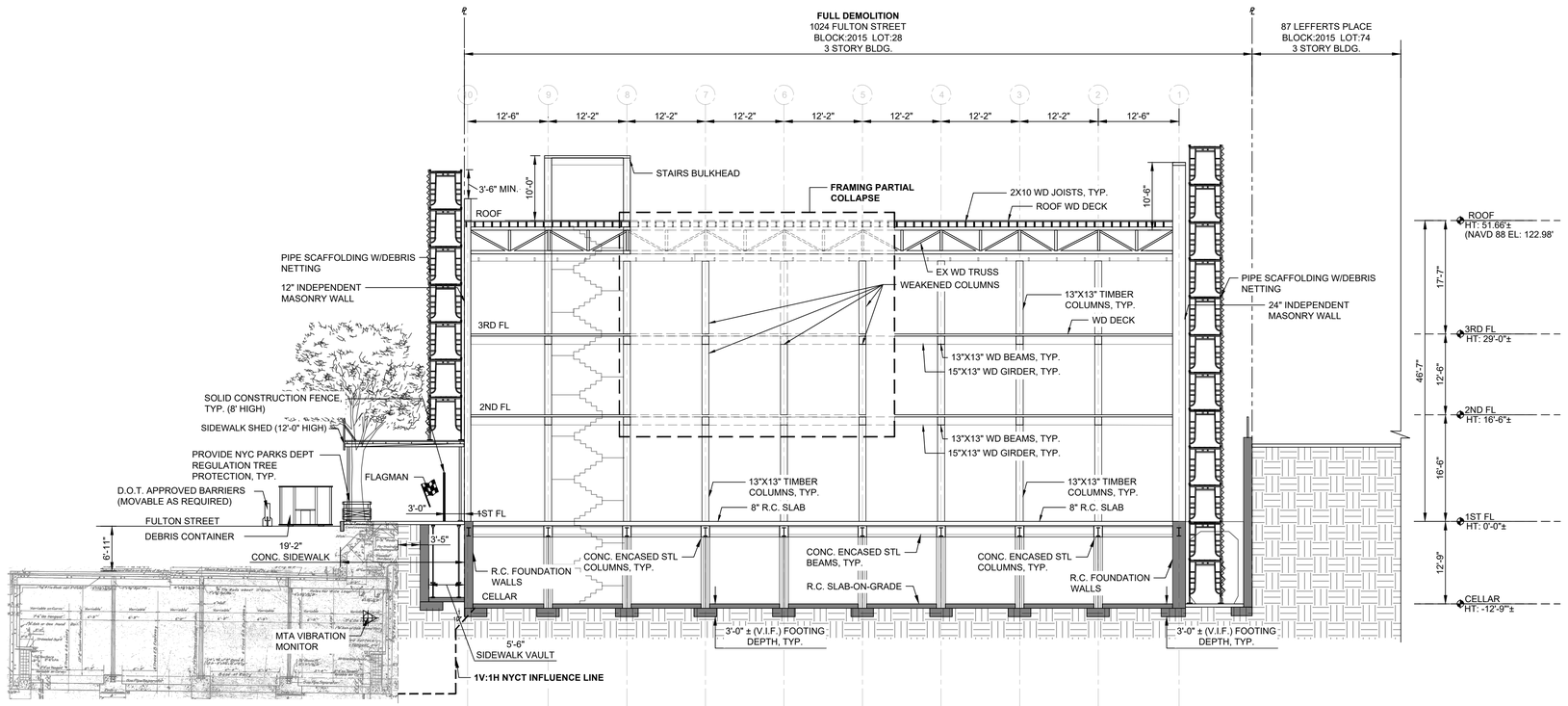
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE: MTA PLAN

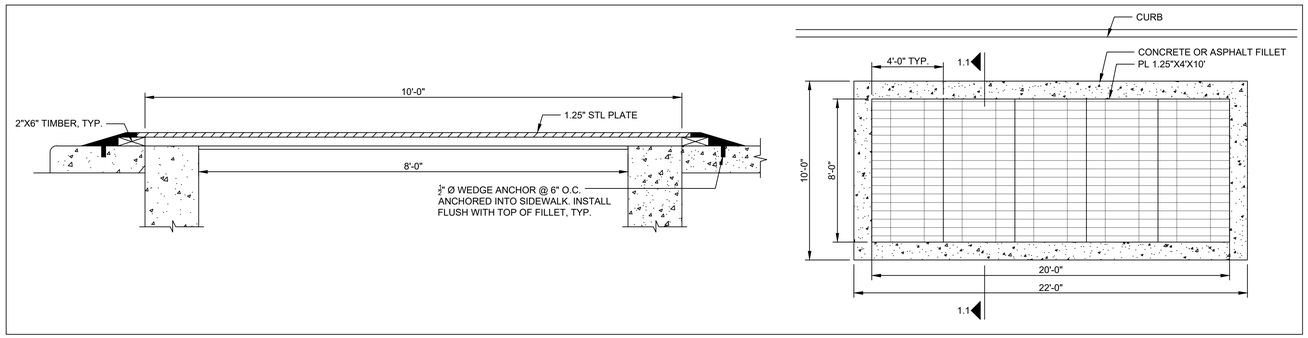
DRAWING NUMBER: C–011

SHEET 12 OF 43

36x24 PLOT SHEET



B NYCT SECTION
SCALE: 3/32" = 1'-0"



1.1 GRATING PROTECTION DETAIL - SECTION
Scale: 3/4" = 1'-0"

1.2 GRATING PROTECTION DETAIL - PLAN
Scale: 1/4" = 1'-0"

1 SUBWAY GRATING PROTECTION DETAIL

NEW YORK CITY TA REQUIREMENTS FOR APPROVAL OF DEMOLITION PERMITS

THE APPLICANT MUST SUBMIT:

1. A SITE PLAN SHOWING THE LOCATION OF THE BUILDING TO BE DEMOLISHED, NORTH POINT AND DISTANCE TO THE NEAREST INTERSECTIONS. THIS SITE PLAN MUST HAVE A P.E. OR R.A. SEAL.
2. GRATINGS, EMERGENCY EXITS, SUBWAY STAIRS AND OTHER NYC TRANSIT APPURTENANCES MUST BE SHOWN ON THE SITE PLAN.
3. ADDITIONAL INFORMATION MAY BE REQUIRED WHERE BUILDINGS TO BE DEMOLISHED ARE ADJACENT TO NYC TRANSIT FACILITIES.
4. IF THE BUILDING TO BE DEMOLISHED HAS A BASEMENT SUFFICIENTLY DEEP TO HAVE A POTENTIAL IMPACT ON THE NYC TRANSIT FACILITIES, BRACING MAY BE REQUIRED. SUBSEQUENT EXCAVATION FOR CONSTRUCTION OF A NEW BUILDING ON THIS SITE WILL REQUIRE SHEETING AND SHORING DRAWINGS SUBMITTED FOR NYC TRANSIT APPROVAL.
5. IF AN IMPACT CONDITION DOES EXIST, A PLAN SHALL BE SUBMITTED, SEALED BY A P.E., SHOWING THE SITE, EXISTING NYC TRANSIT FACILITIES, APPROPRIATE CROSS SECTIONS AS REQUIRED, AND PROTECTIVE EQUIPMENT AND FACILITIES TO BE PROVIDED BY THE DEMOLITION CONTRACTOR.
6. AN APPROVAL FEE OF $250.00 IS PAYABLE BY CHECK ONLY, MADE OUT TO "NEW YORK CITY TRANSIT."

METROPOLITAN TRANSIT AUTHORITY DEMOLITION NOTES:

1. DEMOLITION SHALL BE BY CONVENTIONAL DEMOLITION METHODS.
2. THE BASEMENT SHALL BE FILLED WITH DEMOLITION DEBRIS OR BRACED UP TO 3 FEET BELOW THE GRADE LEVEL BEFORE THE FIRST FLOOR IS REMOVED.
3. AT OR ADJACENT TO SUBWAY ENTRANCE STAIRS OR VENTILATING GRATINGS OR EMERGENCY EXITS, A STANDARD SIDEWALK SHED SHALL BE ERECTED. A MINIMUM FOURFOOT- HIGH SOLID FENCE, SUCH AS PLYWOOD, SHALL BE PLACED ON THE OUTSIDE OF THE SHED ADJACENT TO THE BUILDING AND SHOWN ON THE SITE PLAN.
4. DEMOLITION MATERIALS AND EQUIPMENT ARE NOT TO BE STORED ON SUBWAY VENTILATORS OR GRATINGS. SUBWAY GRATING, SHALL BE PROTECTED WITH 1" STEEL PLATES FOR 8' ADJACENT TO TRUCK ENTRANCE. AFTER DEMOLITION IS COMPLETED, GRATING DRAINS MUST BE CLEANED OF ALL DEBRIS.
5. IF ANY PORTION OF THE SUBWAY STRUCTURE OR FINISH IS DAMAGED, IT SHALL BE REPAIRED OR REPLACED WITH THE SAME MATERIAL NOW IN PLACE AT THE CONTRACTORS EXPENSE.
6. THE SUBWAY FACILITIES ARE TO BE PROTECTED DURING DEMOLITION SO THAT NO DANGEROUS CONDITION WILL RESULT.
7. NYC TRANSIT SHALL BE NOTIFIED AT LEAST 72 HOURS BEFORE ANY DEMOLITION WORK IS STARTED TO SCHEDULE NYCT INSPECTORS. CONTACT: MR. LIONEL SAINT LOUIS, P.E., ASSISTANT CHIEF OFFICER, INSPECTIONS AND EMERGENCY RESPONSE, MOW, AT (718) 694-1499 AND EMAIL: CONTRACT.INSPECTION@NYCT.COM
8. EMERGENCY EXIT IS TO BE KEPT CLEAR AT ALL TIMES.
9. STANDARD NYCT INSURANCE CLAUSES SHALL BE MADE PART OF THE PROJECT'S CONTRACT DRAWINGS. PROOF THAT THE NECESSARY INSURANCE IS IN EFFECT SHALL BE REQUIRED BEFORE WORK CAN COMMENCE.
10. ALL LUMBER AND PLYWOOD USED FOR PROTECTION OF SUBWAY FACILITIES MUST BE FIRE RETARDED. BELOW STREET LEVEL, FIREPROOF MATERIALS MUST BE USED.
11. BEFORE THE START OF ANY WORK, THE CONTRACTOR SHALL MAKE AN EXAMINATION, IN THE PRESENCE OF NYCT'S ENGINEER, OF THE INTERIOR AND EXTERIOR OF NYCT SUBWAY OR OTHER STRUCTURE ADJACENT TO THE PROPOSED WORK. THE PERSON OR PERSONS AUTHORIZED BY THE CONTRACTOR TO MAKE THESE EXAMINATIONS SHALL BE APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL TAKE ALL PHOTOGRAPHS AS MAY BE NECESSARY OR ORDERED TO INDICATE THE EXISTING CONDITION OF NYCT STRUCTURE. ANY STRUCTURALLY DEFICIENT CONDITION SHALL BE MADE SAFE PRIOR TO THE COMMENCEMENT OF THE WORK. A COPY OF THE FIELD REPORT WITH PHOTOS SHALL BE SUBMITTED TO MR. LIONEL SAINT LOUIS, P.E., ASSISTANT CHIEF OFFICER, INSPECTIONS AND EMERGENCY RESPONSE, MOW ENGINEERING, 130 LIVINGSTON STREET, ROOM 8046, BROOKLYN, NEW YORK 11201, TELEPHONE 347-672- 2448, EMAIL: LIONEL.SAINTLOUIS@NYCT.COM BEFORE THE START OF CONSTRUCTION.

NEW YORK STATE OF OPPORTUNITY. Office of General Services
DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

ANCORA
Engineering + Architecture

ENERGY CODE STATEMENT:

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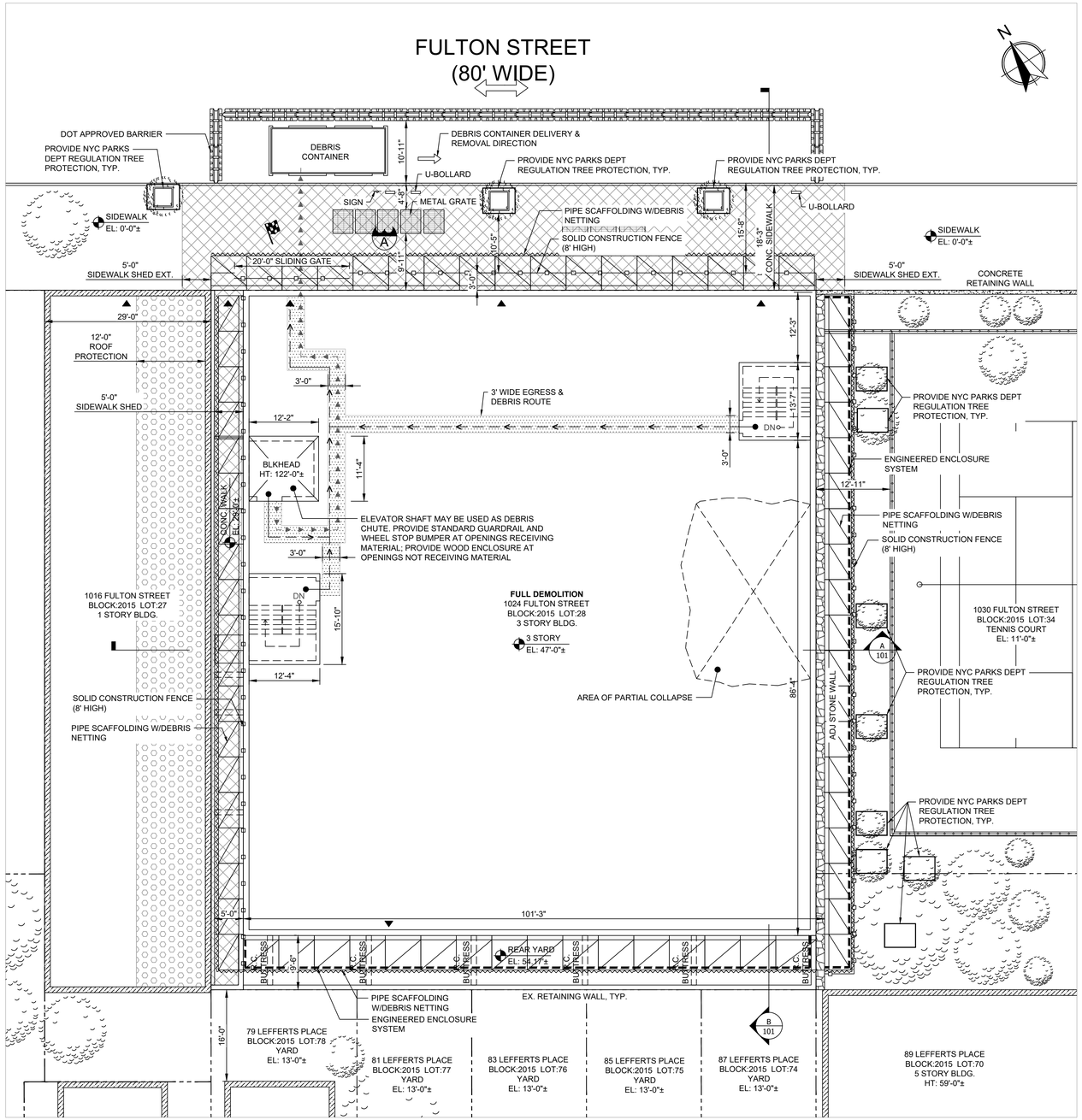
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DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE: MTA SECTION

DRAWING NUMBER: C–012

SHEET 13 OF 43

36x24 PLOT SHEET



1 SITE LOGISTICS PLAN
SCALE: 3/32" = 1'-0"

PRE-DEMOLITION

THE FOLLOWING PRE-DEMOLITION MEASURES SHALL BE COMPLETED PRIOR TO THE START OF DEMOLITION:

1. A PRE-CONSTRUCTION (PRE-CONDITION) SURVEY OF THE ADJACENT STRUCTURES SHALL BE DONE PRIOR TO DEMOLITION. THE DIRECTOR'S REPRESENTATIVE AND CONTRACTOR SHALL REVIEW AND BECOME FAMILIAR WITH THE RESULTS OF THE SURVEY. THE DIRECTOR'S REPRESENTATIVE SHALL MAKE A VISUAL INSPECTION OF THE ADJACENT STRUCTURES (INSIDE AND OUT) PRIOR TO STARTING THE WORK.
2. PROVIDE CONSTRUCTION SIGNAGE, SOLID CONSTRUCTION FENCE, SIDEWALK SHED, PIPE SCAFFOLDING, DEBRIS NETTING AND OTHER SAFETY PROTECTION TO ESTABLISH A SAFETY ZONE AROUND PERIMETER OF DEMOLITION AREA AS SHOWN IN THE PLANS. PRIOR TO INSTALLATION, A LICENSE TO ENTER ADJOINING PROPERTY SHALL BE OBTAINED BY THE DIRECTOR'S REPRESENTATIVE.
3. PRIOR TO THE COMMENCEMENT OF DEMOLITION OPERATIONS, HAZARDS SHALL BE REMOVED AS FOLLOWS:
   - 3.1. COMBUSTIBLE CONTENT. THE AREA AUTHORIZED TO BE DEMOLISHED BY THE WORK PERMIT SHALL BE THOROUGHLY CLEANED OF COMBUSTIBLE CONTENT AND DEBRIS, INCLUDING BUT NOT LIMITED TO BUILDING CONTENTS AND EXTERIOR FINISHES, DOWN TO STRUCTURAL ELEMENTS
   - 3.2. ASBESTOS. ALL ASBESTOS SHALL BE REMOVED FROM THE IMPACTED AREAS PRIOR TO DISTURBANCE. IN SOME CASES THE INITIAL DEMOLITION WORK WILL REQUIRE WORKERS TO BE ALLIED TRADES CERTIFIED (NYSDOL ASBESTOS CERTIFIED) AS REMOVALS WILL BE HANDLED AS ASBESTOS ABATEMENT WORK.
   - 3.3. GLASS. ALL GLASS LOCATED IN THE AREA AUTHORIZED TO BE DEMOLISHED BY THE WORK PERMIT, INCLUDING BUT NOT LIMITED TO GLASS IN WINDOWS, DOORS, SKYLIGHTS AND FIXTURES SHALL BE REMOVED.
   - 3.4. STEAM AND FUEL. ALL PIPES, TANKS, BOILERS, OR SIMILAR DEVICES CONTAINING STEAM OR FUEL AND LOCATED IN THE AREA AUTHORIZED TO BE DEMOLISHED BY THE WORK PERMIT SHALL BE PURGED OF SUCH STEAM OR FUEL.
4. PROVIDE TREE PROTECTION, IF APPLICABLE.
5. OBTAIN D.O.T. APPROVAL FOR SIDEWALK AND STREET LANE CLOSURES, IF APPLICABLE.
6. PRIOR TO DEMOLITION, UTILITY CONNECTIONS SHALL BE DISCONNECTED AND CAPPED, AND CERTIFICATIONS TO THAT EFFECT ISSUED BY THE REPRESENTATIVE UTILITY COMPANY SHALL BE FILED WITH DOB. PERMITS OF UTILITIES TERMINATION MUST BE OBTAINED FOR DISCONNECTS BY THE CONTRACTOR.
7. INSTALL DEBRIS CHUTES. REFER TO PLAN VIEW FOR LOCATIONS.
8. EXISTING CANOPY IS TO BE REMOVED IN THIS PHASE. REFER TO C-507 FOR DETAIL.

LEGEND - SITE LOGISTICS

	PROPERTY LINE
	FLAG PERSON
A	CONSTRUCTION SIGNAGE
B	LANE CLOSED, MERGE
C	SIDEWALK CLOSED, USE WALKWAY
	PLASTIC WATER-FILLED BARRIER
	CONC. JERSEY BARRIER
	SOLID CONSTRUCTION FENCE
x	CHAIN LINK FENCE
	GUARDRAIL
	DEBRIS NETTING
	DEBRIS REMOVAL ROUTE
	EGRESS PATH
	SCAFFOLD W/ DEBRIS NETTING
	PIPE SCAFFOLD W/ DEBRIS NETTING; AND SITE SPECIFIC ENGINEERED ENCLOSURE SYSTEM
	OUTRIGGER BEAMS
	SIDEWALK SHED
	ROOF PROTECTION
	OVERHEAD PROTECTION (BC 3309.13)
	CONTROLLED ACCESS ZONE (C.A.Z.)
	ADJACENT PROPERTY
	EGRESS POINTS
	FIRE DEPARTMENT CONNECTION (FDC)
	FIRE SUPPRESSION RISER
	FIRE SUPPRESSION STANDPIPE RISER & FIRE HOSE
	FIRE HYDRANT
	SOURCE OF WATER FOR DUST MITIGATION
T.S.	STREET LIGHT
	TRAFFIC SIGN
	METAL GRATING
	SEWER MANHOLE
	TREE

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CONSULTANT

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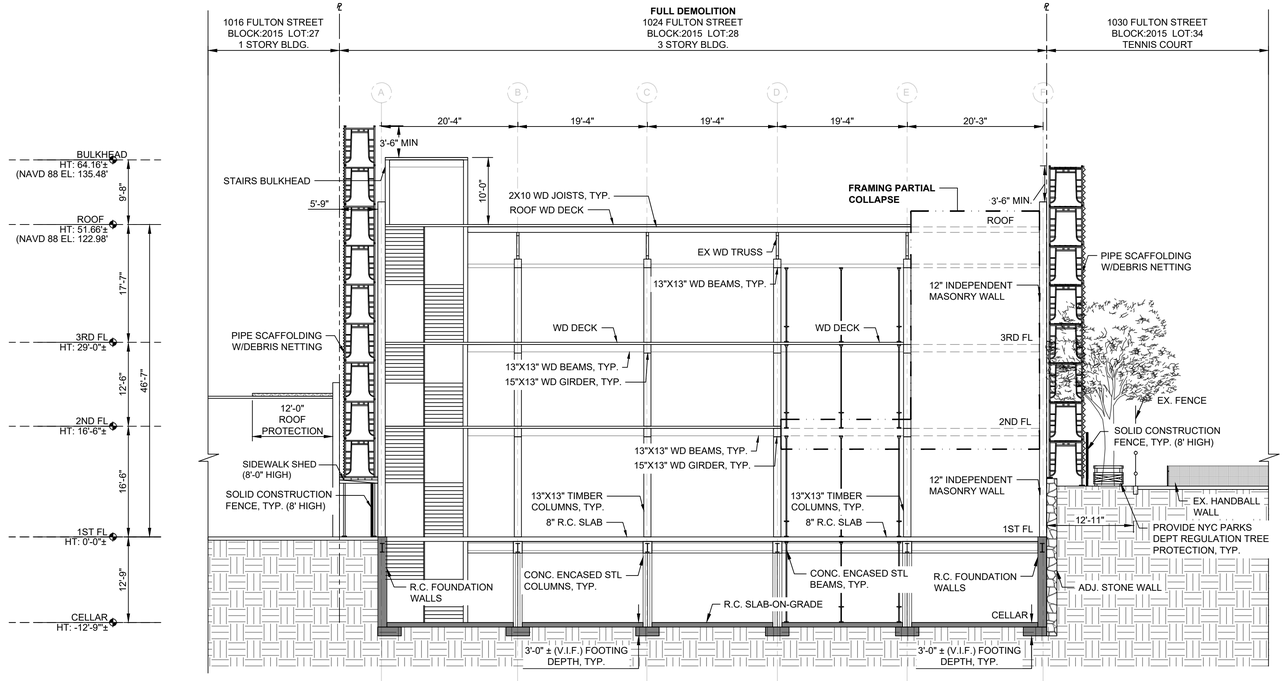
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DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE: SITE LOGISTICS PLAN

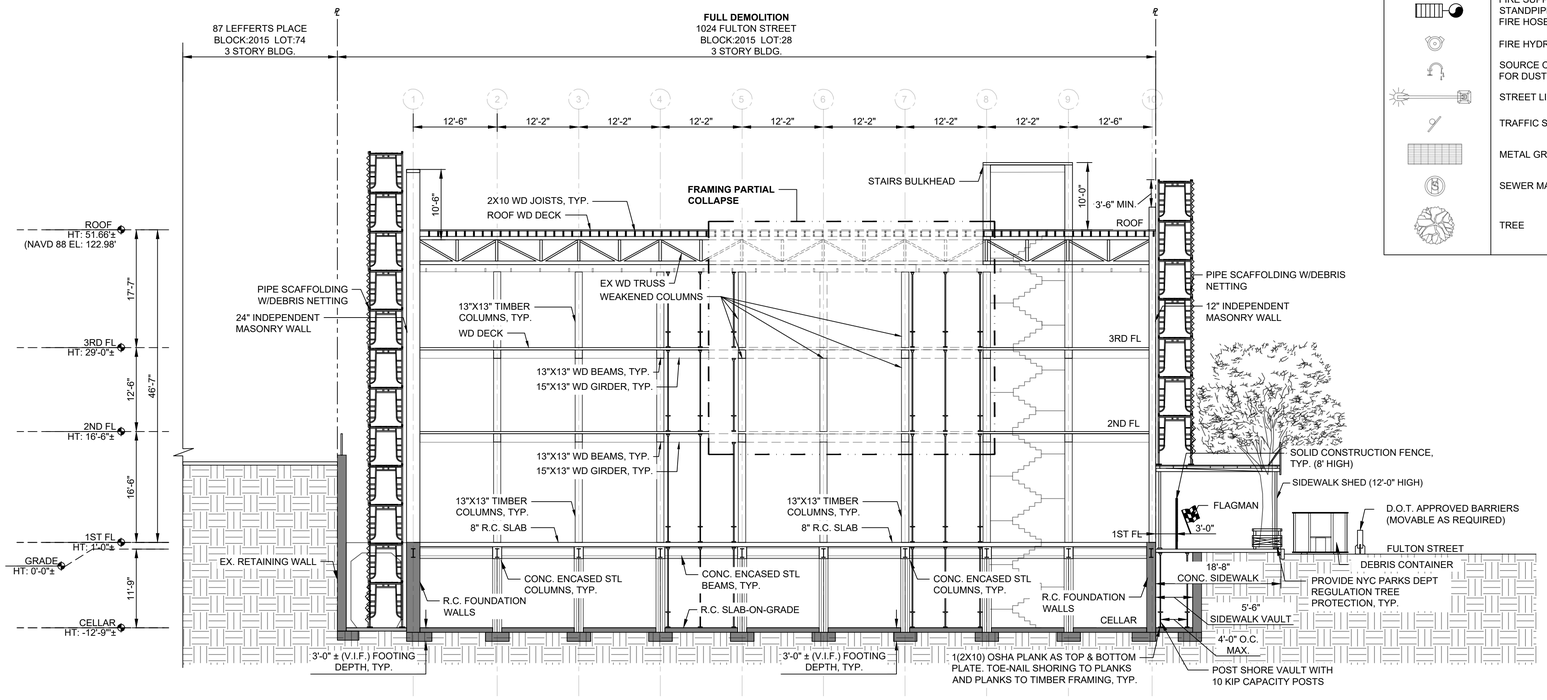
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SHEET 14 OF 43

36x24 PLOT SHEET



A SITE LOGISTICS SECTION
SCALE: 3/32" = 1'-0"



B SITE LOGISTICS SECTION
SCALE: 3/32" = 1'-0"

LEGEND - SITE LOGISTICS

- PROPERTY LINE
- FLAG PERSON
- CONSTRUCTION SIGNAGE (A)
- LANE CLOSED, MERGE (B)
- SIDEWALK CLOSED, USE WALKWAY (C)
- PLASTIC WATER-FILLED BARRIER
- CONC. JERSEY BARRIER
- SOLID CONSTRUCTION FENCE
- CHAIN LINK FENCE
- GUARDRAIL
- DEBRIS NETTING
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- METAL GRATING
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- TREE

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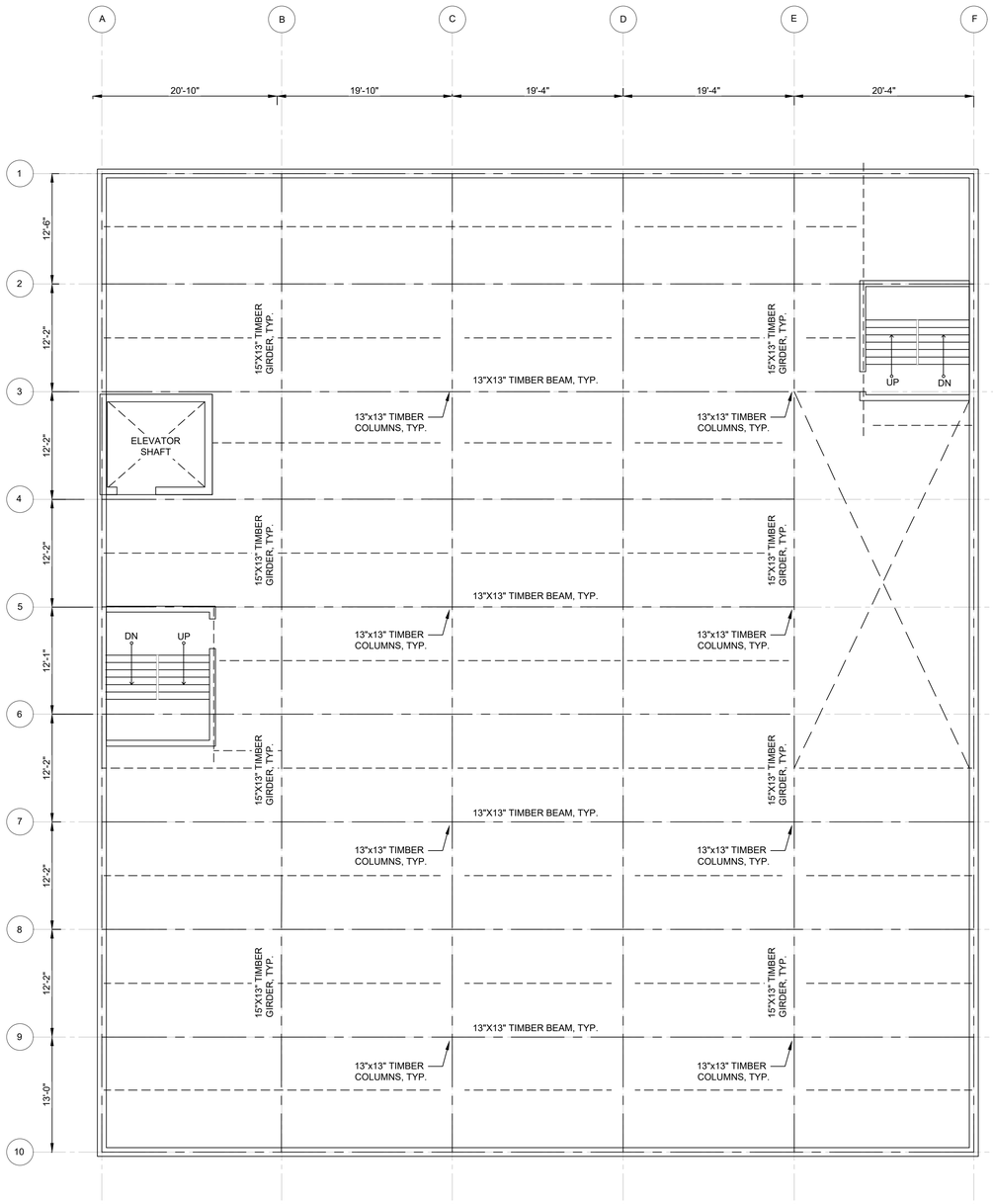
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FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE: SITE LOGISTICS SECTIONS

DRAWING NUMBER: C–101

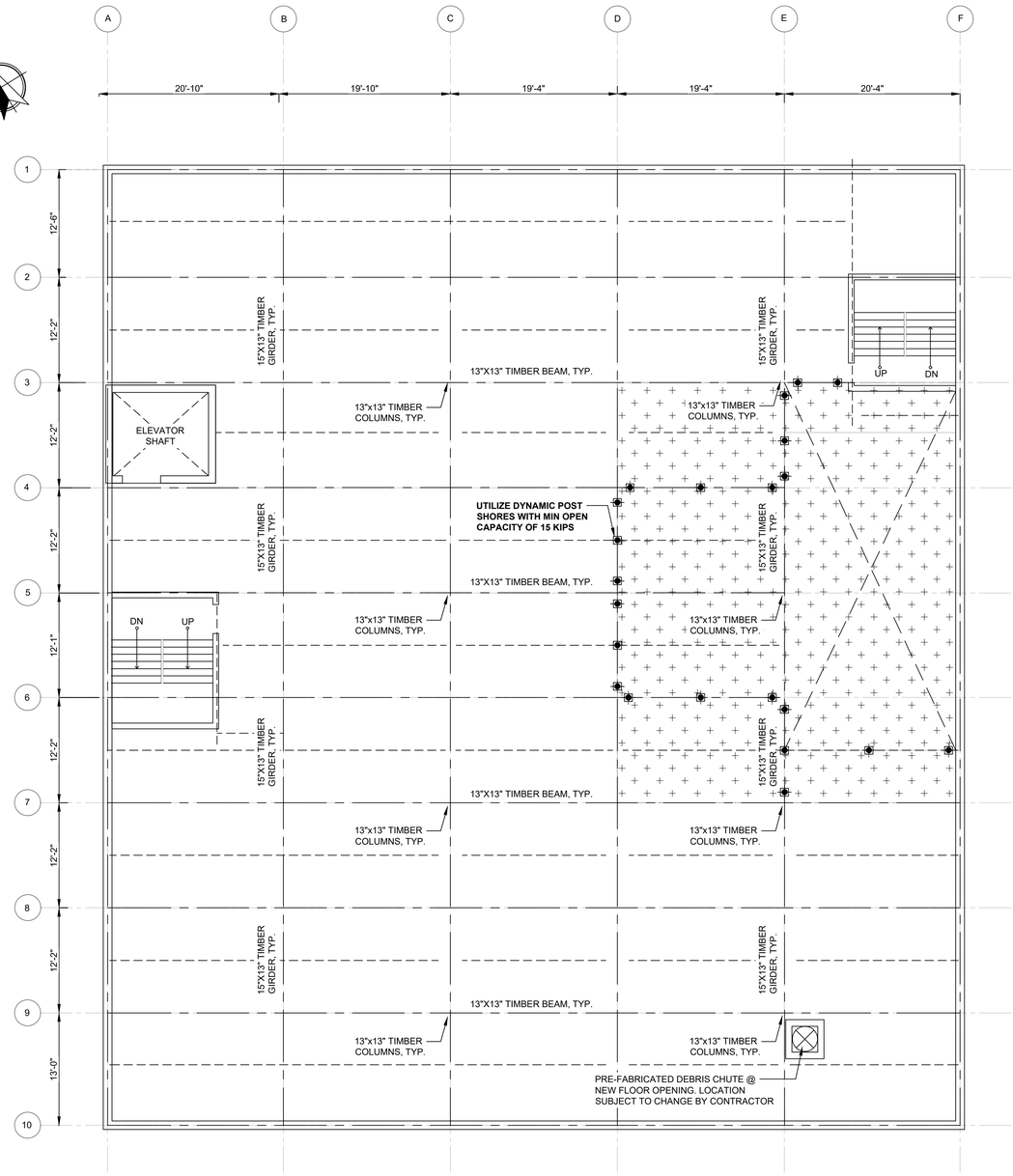
SHEET 15 OF 43

36x24 PLOT SHEET



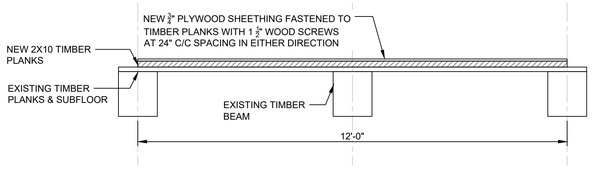
1 EXISTING CONDITIONS @ ROOF FRAMING

SCALE: 1/8" = 1'-0"



2 PROPOSED PROTECTION @ ROOF FRAMING

SCALE: 1/8" = 1'-0"



3 TIMBER DECK REINFORCEMENT DETAIL

SCALE: 1/2" = 1'-0"

LEGEND

	CONTROLLED ACCESS ZONE (C.A.Z.)
	TIMBER DECK REINFORCEMENT
	SHORING

NOTES:

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2. CONTRACTOR TO UTILIZE REINFORCEMENT IN LOCATIONS BEYOND WHAT IS CURRENTLY DEPICTED ON PLANS.
3. NO STOCKPILING OF DEBRIS IS PERMITTED ON REINFORCED DECKING.
4. CONTRACTOR TO UTILIZE TIMBER DECK REINFORCEMENT, AT THEIR DISCRETION, IF ADDITIONAL AREAS ARE OBSERVED WITH WEAKENED DECKING.

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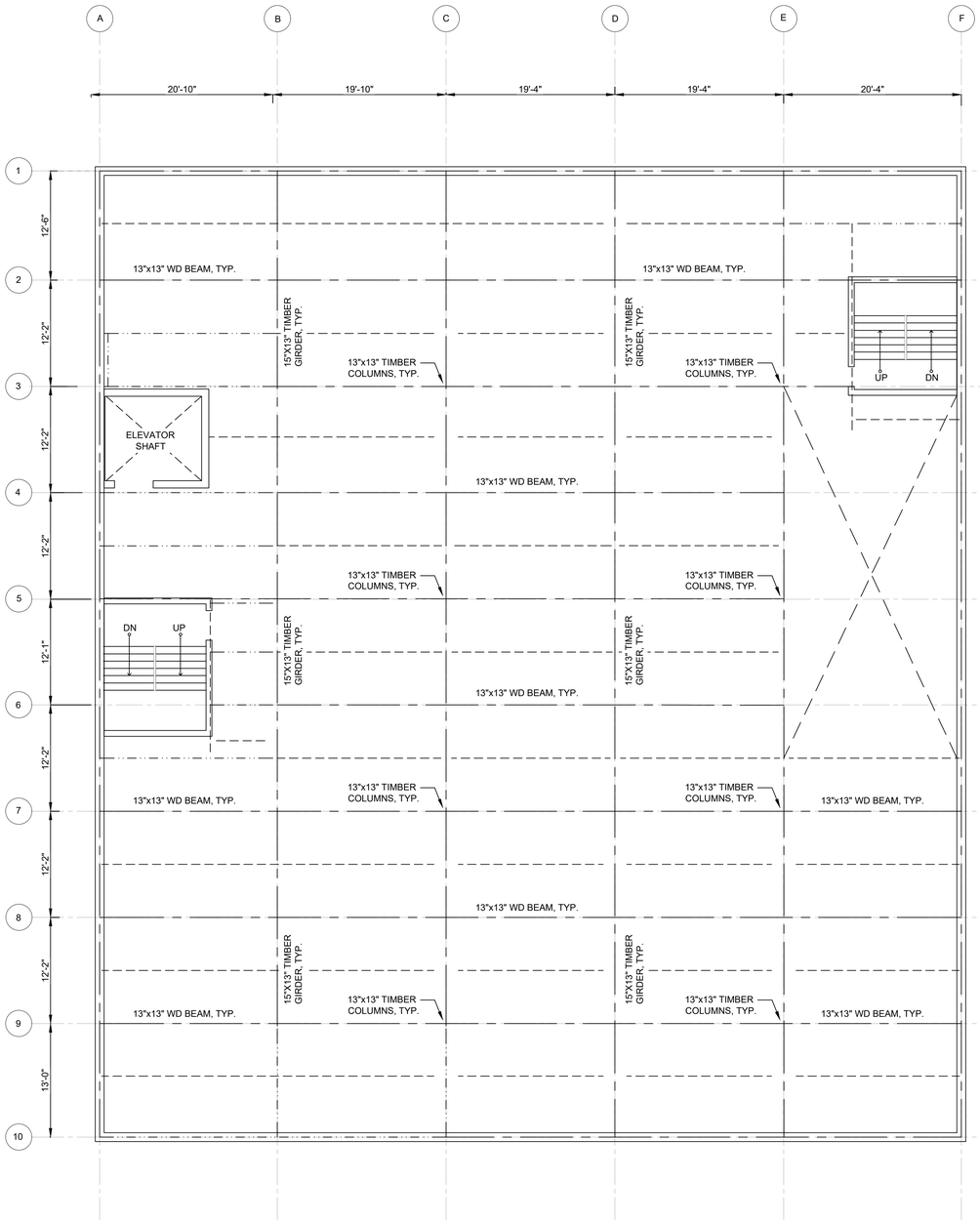
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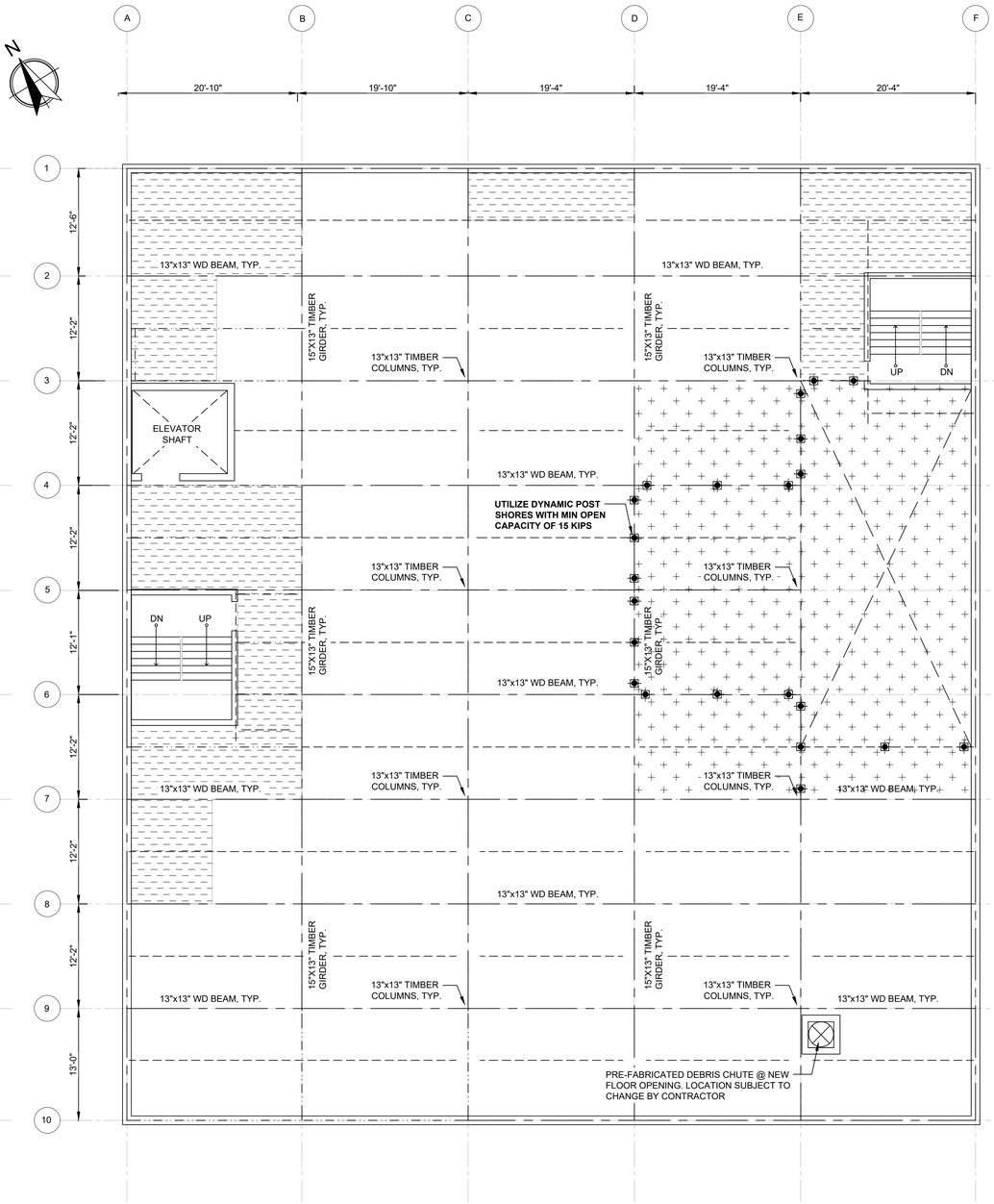
SHEET 16 OF 43

36x24 PLOT SHEET



1 EXISTING CONDITIONS @ 3RD FL FRAMING

SCALE: 1/8" = 1'-0"



2 PROPOSED PROTECTION @ 3RD FL FRAMING

SCALE: 1/8" = 1'-0"

LEGEND

	CONTROLLED ACCESS ZONE (C.A.Z.)
	TIMBER DECK REINFORCEMENT
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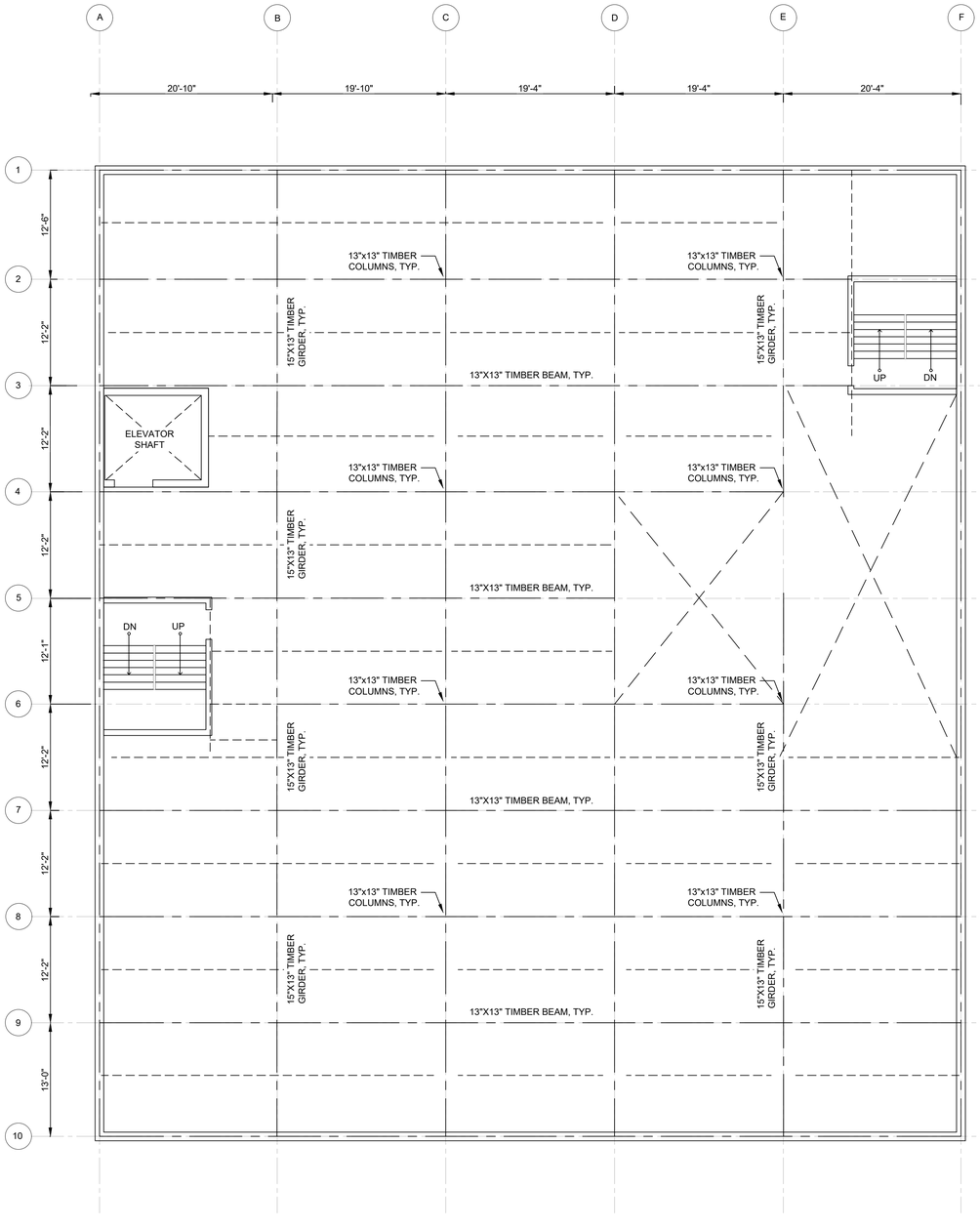
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DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE: FRAMING PLAN – 3RD FL

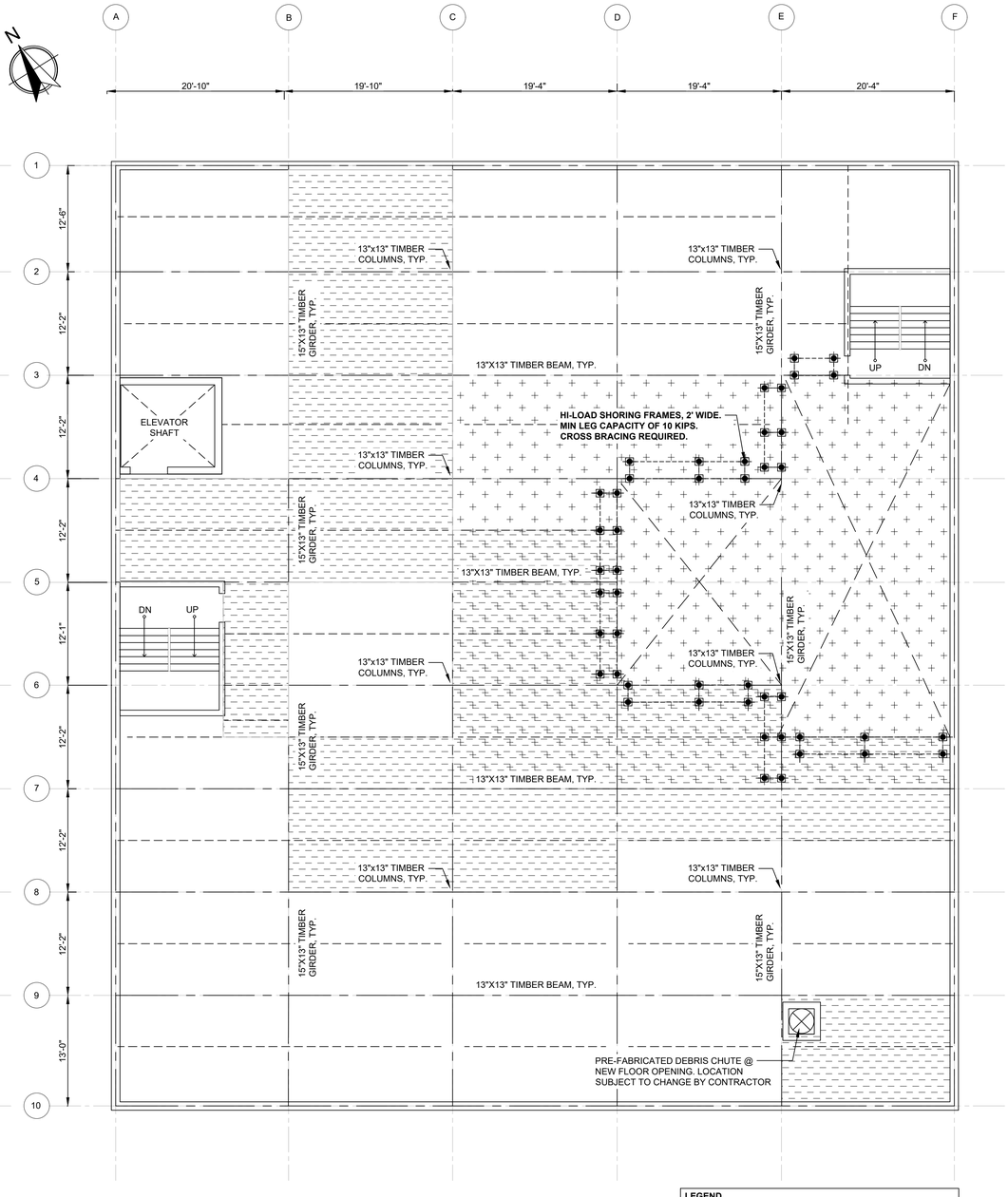
DRAWING NUMBER: C–103

SHEET 17 OF 43

36x24 PLOT SHEET



1 EXISTING CONDITIONS @ 2ND FL FRAMING
SCALE: 1/8" = 1'-0"



2 PROPOSED PROTECTION @ 2ND FL FRAMING
SCALE: 1/8" = 1'-0"

LEGEND

	CONTROLLED ACCESS ZONE (C.A.Z.)
	TIMBER DECK REINFORCEMENT
	SHORING

NOTES:
1. TIMBER DECK REINFORCEMENT TO BE UTILIZED WHERE WEAKENED DECK IS OBSERVED.
2. CONTRACTOR TO UTILIZE REINFORCEMENT IN LOCATIONS BEYOND WHAT IS CURRENTLY DEPICTED ON PLANS.
3. NO STOCKPILING OF DEBRIS IS PERMITTED ON REINFORCED DECKING.
4. CONTRACTOR TO UTILIZE TIMBER DECK REINFORCEMENT, AT THEIR DISCRETION, IF ADDITIONAL AREAS ARE OBSERVED WITH WEAKENED DECKING.

NEW YORK STATE OF OPPORTUNITY. Office of General Services
DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

ANCORA
Engineering + Architecture

ENERGY CODE STATEMENT:

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STATE OF NEW YORK · JAMES M PAPPAS · 092183 · LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING
JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET
BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	10/09/2025	BID DOCUMENT & MTA 02

PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

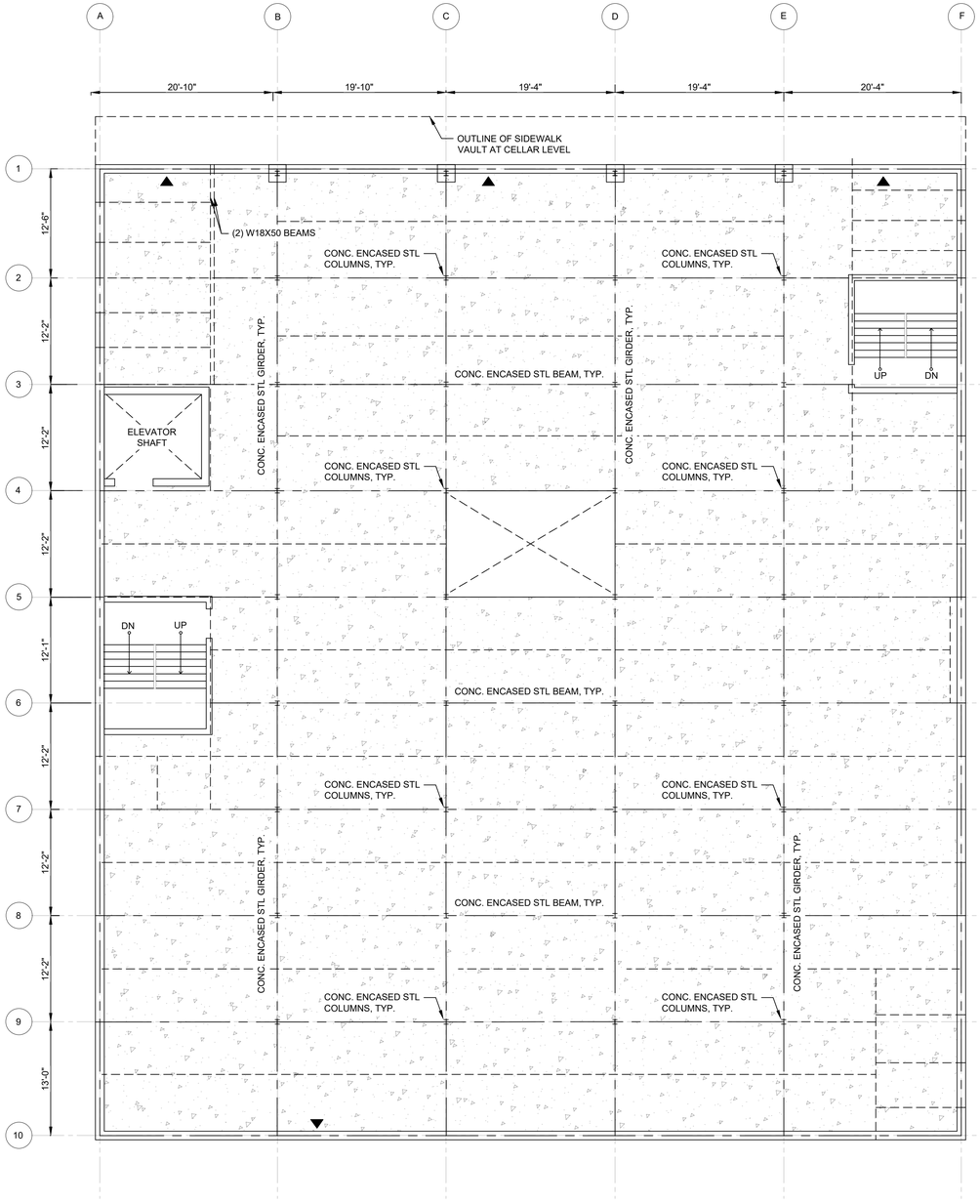
SHEET TITLE:

FRAMING PLAN – 2ND FL

DRAWING NUMBER: C–104

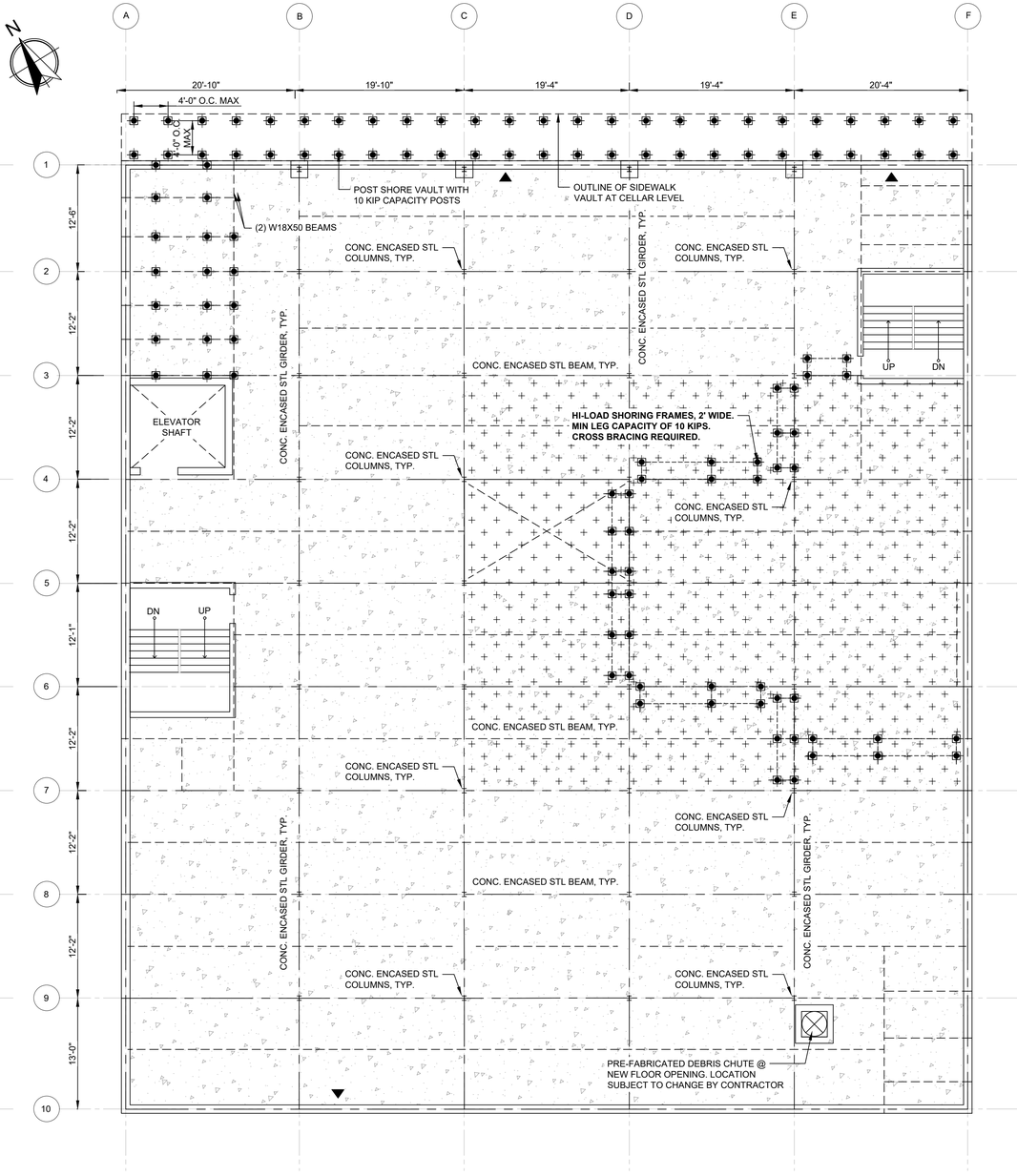
SHEET 18 OF 43

36x24 PLOT SHEET



1 EXISTING CONDITIONS @ 1ST FL FRAMING

SCALE: 1/8" = 1'-0"



2 PROPOSED PROTECTION @ 1ST FL FRAMING

SCALE: 1/8" = 1'-0"

LEGEND

	CONTROLLED ACCESS ZONE (C.A.Z.)
	TIMBER DECK REINFORCEMENT
	SHORING

NOTES:

1. TIMBER DECK REINFORCEMENT TO BE UTILIZED WHERE WEAKENED DECK IS OBSERVED.
2. CONTRACTOR TO UTILIZE REINFORCEMENT IN LOCATIONS BEYOND WHAT IS CURRENTLY DEPICTED ON PLANS.
3. NO STOCKPILING OF DEBRIS IS PERMITTED ON REINFORCED DECKING.
4. CONTRACTOR TO UTILIZE TIMBER DECK REINFORCEMENT, AT THEIR DISCRETION, IF ADDITIONAL AREAS ARE OBSERVED WITH WEAKENED DECKING.

NEW YORK STATE OF OPPORTUNITY. | Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

ANCORA
Engineering + Architecture

ENERGY CODE STATEMENT:

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STATE OF NEW YORK · JAMES M PAPPAGEORGE · 092183 · LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	10/09/2025	BID DOCUMENT & MTA 02

PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE:

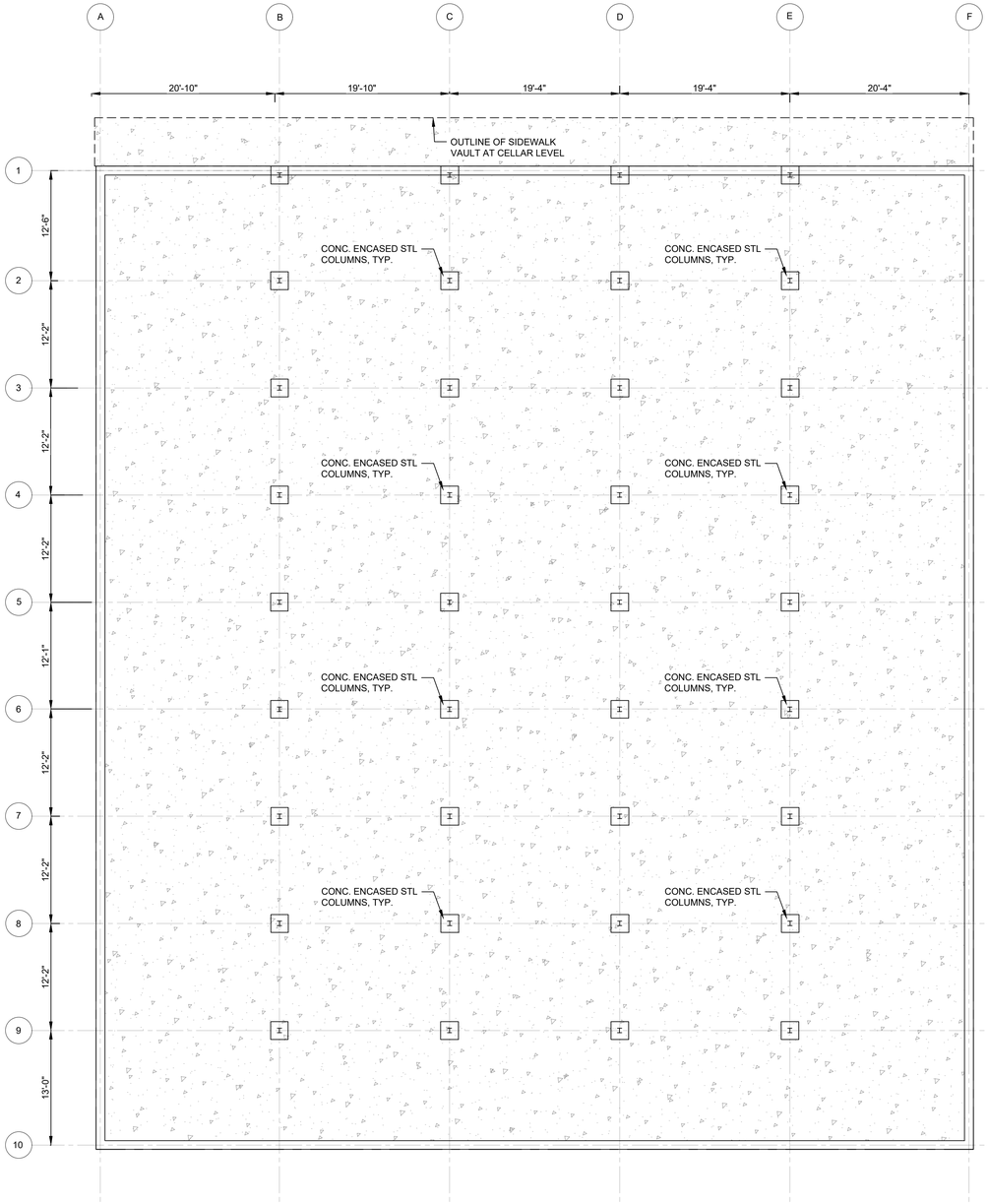
FRAMING PLAN – 1ST FL

DRAWING NUMBER:

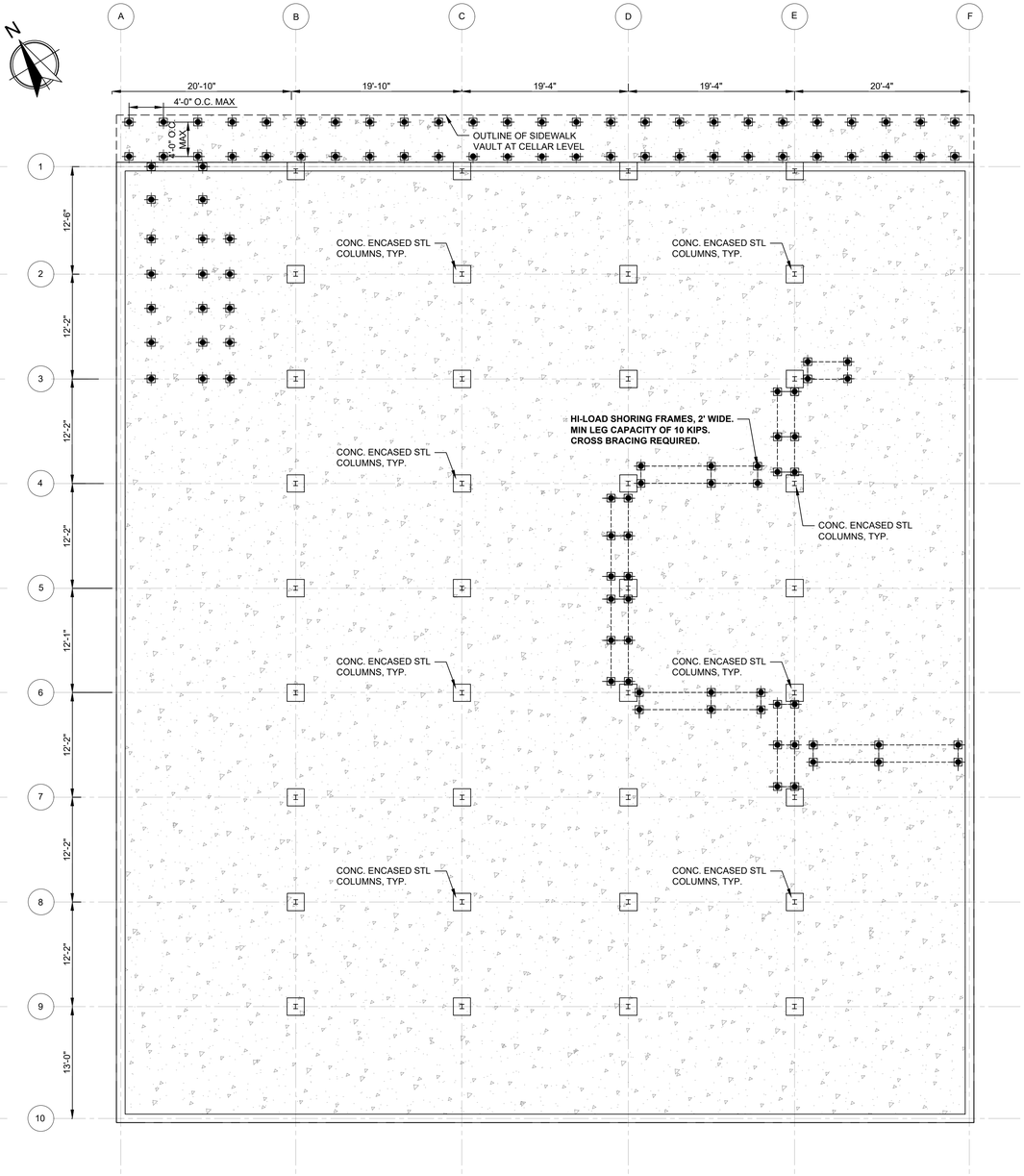
C–105

SHEET 19 OF 43

36x24 PLOT SHEET



1 EXISTING CONDITIONS @ CELLAR FRAMING
SCALE: 1/8" = 1'-0"



2 PROPOSED PROTECTION @ CELLAR FRAMING
SCALE: 1/8" = 1'-0"

LEGEND

	CONTROLLED ACCESS ZONE (C.A.Z.)
	TIMBER DECK REINFORCEMENT
	SHORING

NOTES:
1. TIMBER DECK REINFORCEMENT TO BE UTILIZED WHERE WEAKENED DECK IS OBSERVED.
2. CONTRACTOR TO UTILIZE REINFORCEMENT IN LOCATIONS BEYOND WHAT IS CURRENTLY DEPICTED ON PLANS.
3. NO STOCKPILING OF DEBRIS IS PERMITTED ON REINFORCED DECKING.
4. CONTRACTOR TO UTILIZE TIMBER DECK REINFORCEMENT, AT THEIR DISCRETION, IF ADDITIONAL AREAS ARE OBSERVED WITH WEAKENED DECKING.

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DESIGN & CONSTRUCTION

CONSULTANT
CERTIFICATE OF AUTHORIZATION No.: 0115759

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Engineering + Architecture

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STATE OF NEW YORK · JAMES M PAPPAGEOT · 092183 · LICENSED PROFESSIONAL ENGINEER
REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	10/09/2025	BID DOCUMENT & MTA 02

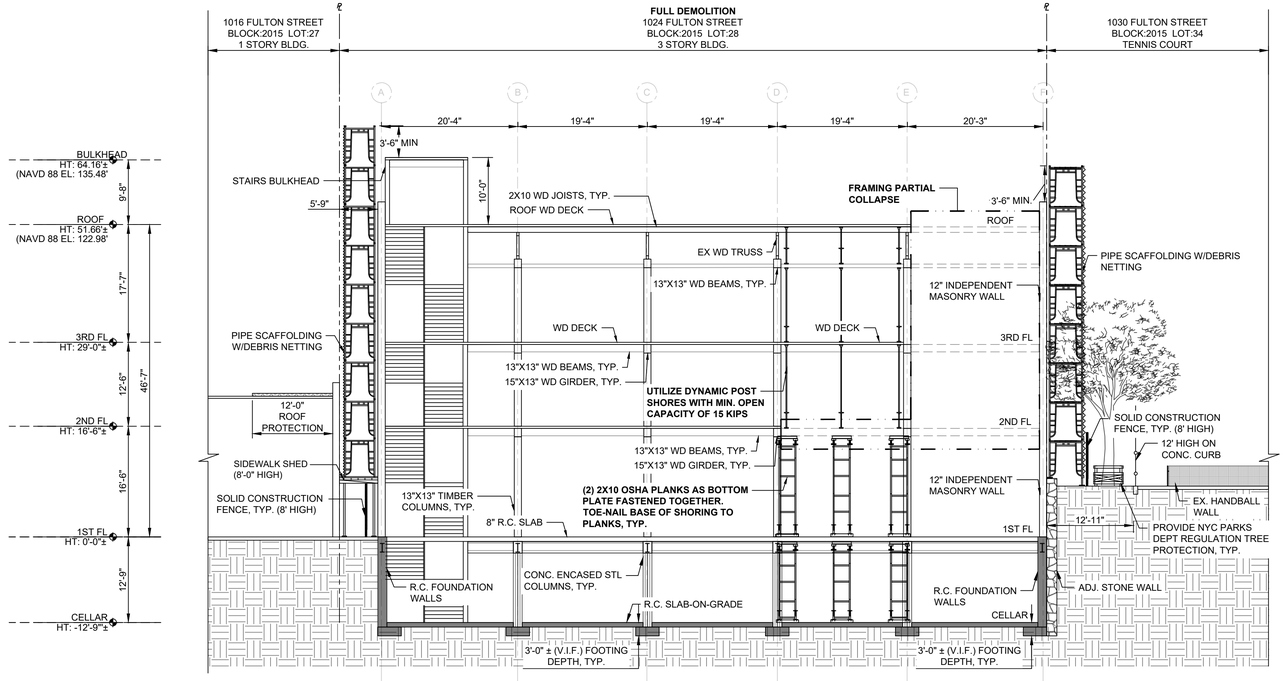
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE: FRAMING PLAN – CELLAR

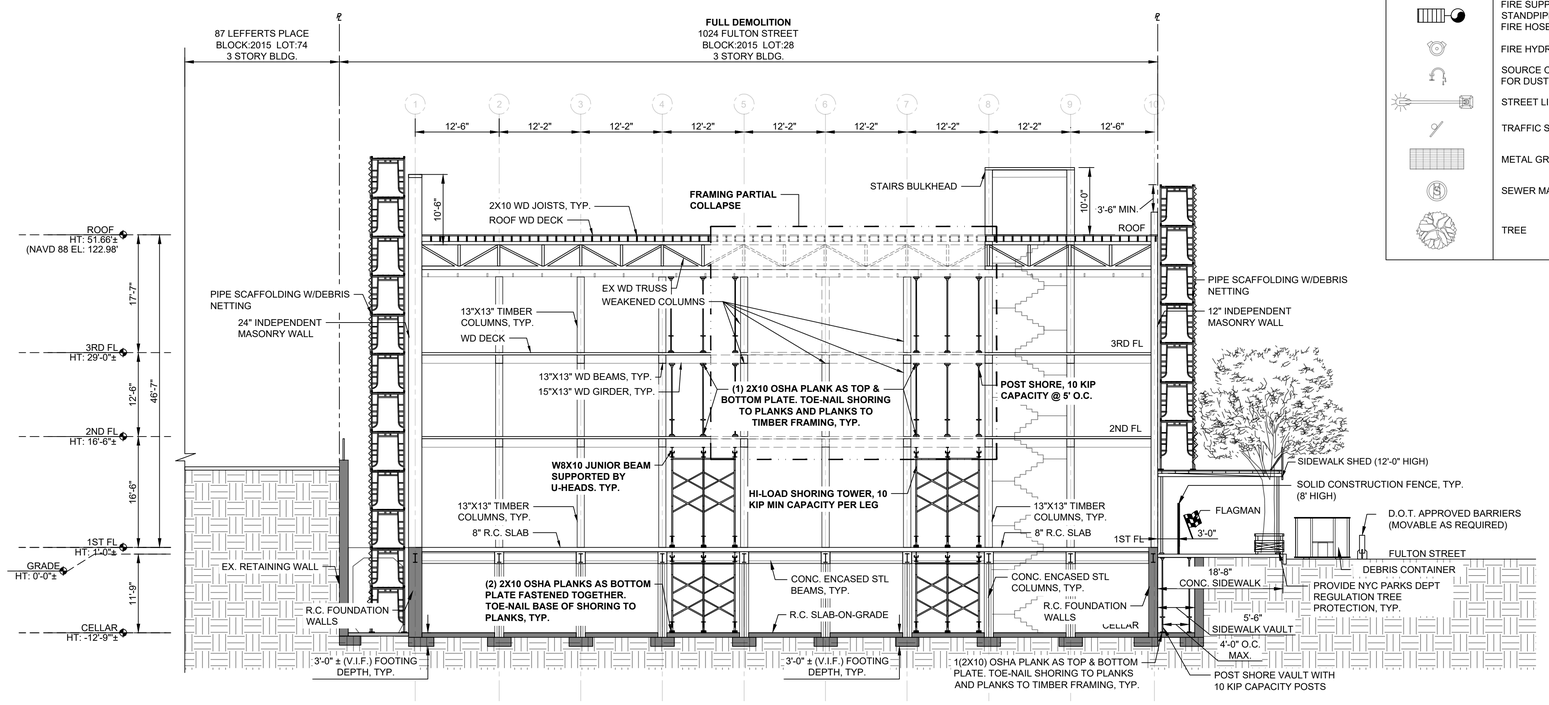
DRAWING NUMBER: C–106

SHEET 20 OF 43

36x24 PLOT SHEET



A SHORING SECTION
SCALE: 3/32" = 1'-0"



B SHORING SECTION
SCALE: 3/32" = 1'-0"

LEGEND - SITE LOGISTICS

- PROPERTY LINE
- FLAG PERSON
- CONSTRUCTION SIGNAGE
- LANE CLOSED, MERGE
- SIDEWALK CLOSED, USE WALKWAY
- PLASTIC WATER-FILLED BARRIER
- CONC. JERSEY BARRIER
- SOLID CONSTRUCTION FENCE
- CHAIN LINK FENCE
- GUARDRAIL
- DEBRIS NETTING
- DEBRIS REMOVAL ROUTE
- EGRESS PATH
- SCAFFOLD W/ DEBRIS NETTING
- PIPE SCAFFOLD W/ DEBRIS NETTING; AND SITE SPECIFIC ENGINEERED ENCLOSURE SYSTEM
- OUTRIGGER BEAMS
- SIDEWALK SHED
- ROOF PROTECTION
- OVERHEAD PROTECTION (BC 3309.13)
- CONTROLLED ACCESS ZONE (C.A.Z.)
- ADJACENT PROPERTY
- EGRESS POINTS
- FIRE DEPARTMENT CONNECTION (FDC)
- FIRE SUPPRESSION RISER
- FIRE SUPPRESSION STANDPIPE RISER & FIRE HOSE
- FIRE HYDRANT
- SOURCE OF WATER FOR DUST MITIGATION
- STREET LIGHT
- TRAFFIC SIGN
- METAL GRATING
- SEWER MANHOLE
- TREE

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DESIGN & CONSTRUCTION

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CERTIFICATE OF AUTHORIZATION No.: 0115759

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STATE OF NEW YORK · JAMES M. FAZIO PERSON · LICENSED PROFESSIONAL ENGINEER · 092183

REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
JACKIE ROBINSON YOUTH CENTER

LOCATION:
1024 FULTON STREET
BROOKLYN, NEW YORK 11238

CLIENT:
NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	10/09/2025	BID DOCUMENT & MTA 02

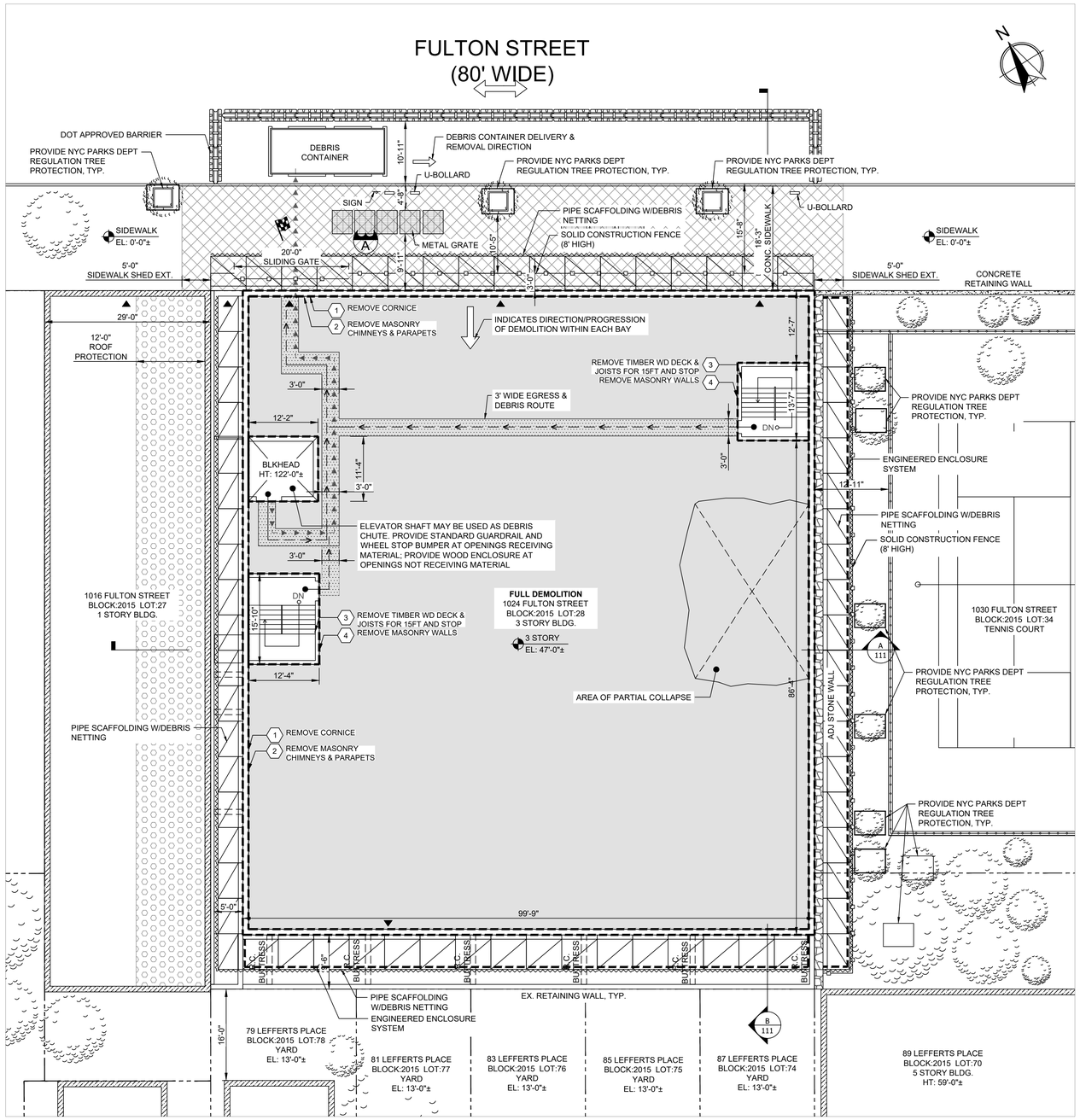
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE:
SHORING SECTIONS

DRAWING NUMBER:
C–108

SHEET 21 OF 43

36x24 PLOT SHEET



1 ROOF PROJECTIONS DEMO PLAN
SCALE: 3/32" = 1'-0"

DEMOLITION SEQUENCE - ROOF TOP STRUCTURES

THE CONTRACTOR SHALL REMOVE BULKHEADS, CHIMNEY'S, PARAPETS AND OTHER ROOF TOP STRUCTURES BY HAND IN THE FOLLOWING SEQUENCE:

1. REMOVE CORNICE
   - 1.1. REMOVE BY HAND WORKING FROM SCAFFOLD.
   - 1.2. REMOVE PLASTER AND SHEATHING
   - 1.3. REMOVE TIMBER FRAMING, PIECE BY PIECE, CUTTING FRAMING MEMBERS IN SECTIONS NOT EXCEEDING 50 LBS.
2. REMOVE MASONRY CHIMNEY'S & PARAPETS
   - 2.1. REMOVE BY HAND.
   - 2.2. REMOVE MASONRY PARAPETS/CHIMNEYS FROM TOP DOWN TO ROOF DECK.
   - 2.3. REMOVAL SHALL BE LIMITED TO PORTIONS OF MASONRY NOT EXCEEDING 1'-0"X1'-0"X1'-0" AT A TIME.
   - 2.4. IN NO CASE SHALL MASONRY WALLS BE PUSHED, PULLED OR TOPPLED.
   - 2.5. PARAPETS ARE TO BE REMOVED VIA WORKERS ON SCAFFOLDING.

BULKHEAD REMOVALS

3. REMOVE TIMBER ROOF DECK AND JOISTS BY HAND, FOR A DISTANCE OF 15 FT OR LESS AND STOP.
4. REMOVE MASONRY WALLS
   - 4.1. REMOVE MASONRY WALLS BY HAND
     - 4.1.1. UTILIZING A CHIPPING GUN
   - 4.2. MASONRY DEMOLITION NOTES
     - 4.2.1. DO NOT REMOVE MASONRY WALLS SUPPORTING STRUCTURAL MEMBERS
     - 4.2.2. REMOVE MASONRY WALLS FROM TOP DOWN AT 4' MAX. VERTICAL INTERVALS FOR EACH PASS.
     - 4.2.3. MAINTAIN SLOPE OF 1V:1H (45° DEGREES) FROM TOP OF WALL.
     - 4.2.4. MASONRY WALLS SHALL NOT BE ALLOWED TO REMAIN FREESTANDING FOR LENGTHS EXCEEDING 20' OR HEIGHTS EXCEEDING 10'.
     - 4.2.5. REMOVAL OF MASONRY WALLS SHALL BE LIMITED TO PORTIONS NOT EXCEEDING 1'X1'X'1'.
     - 4.2.6. IN NO CASE SHALL MASONRY WALLS BE PUSHED, PULLED OR TOPPLED.
     - 4.2.7. LOOSE DEBRIS SHALL BE PULLED/PUSHED INTO THE BUILDING AND TRANSPORTED TO THE DEBRIS CHUTE.
     - 4.2.8. MASONRY WALL REMOVALS ABOVE THE ACTIVE DEMOLITION FLOOR (TOP FLOOR) SHALL BE COMPLETED BEFORE REMOVAL OF ANY STRUCTURAL MEMBERS BELOW.
       - 4.2.8.1. EXCEPTION: MASONRY WALLS MAY TEMPORARILY REMAIN AT A HEIGHT OF 3'-6" +/- TO SERVE AS PERIMETER GUARDRAIL/BARRIER
   - 4.3. DEBRIS STOCKPILING AGAINST MASONRY WALLS IS STRICTLY PROHIBITED; AND DEBRIS SHALL BE CONTINUOUSLY CLEARED FROM THE FLOOR.

HAZARDOUS BUILDING MATERIALS

5. ASBESTOS. ALL ASBESTOS SHALL BE REMOVED FROM THE IMPACTED AREAS PRIOR TO DISTURBANCE. IN SOME CASES THE INITIAL SHORING AND DEMOLITION WORK WILL REQUIRE WORKERS TO BE ALLIED TRADES CERTIFIED (NYSDOL ASBESTOS CERTIFIED) AS WORK IN ASBESTOS CONTAMINATED AREAS, OR INITIAL REMOVALS WILL NEED TO BE HANDLED AS ASBESTOS ABATEMENT WORK.
6. LEAD-BASED/LEAD-CONTAINING PAINT. ASSUME ALL PAINTED SURFACE CONTAIN LEAD. ALL WORK DISTURBING PAINTED SURFACES MUST BE COMPLETED IN ACCORDANCE WITH 29 CFR 1926.62 - OSHA LEAD IN CONSTRUCTION STANDARD.

LEGEND - DEMOLITION

	LIMITS OF DEMOLITION (CURRENT PHASE)
	STRUCTURE TO REMAIN
	STRUCTURE TO BE REMOVED TO INDICATED FLOOR. REFER TO SECTIONS
	STRUCTURE TO BE REMOVED TO GRADE/ 1ST FL.
	BACKFILL
	CONC. SLAB-ON-GRADE
	NO LOAD ZONE
	SHORING TOWER FRAME
	SHORING POST
#	DEMOLITION SEQUENCE STEP. PROCEED IN NUMERICAL ORDER AND DIRECTION SHOWN
	DIRECTION OF DEMOLITION
	FLAG PERSON

NEW YORK STATE OF OPPORTUNITY. Office of General Services
DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

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STATE OF NEW YORK · JAMES M. PAPPAGEORGE · LICENSED PROFESSIONAL ENGINEER · 092183

REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
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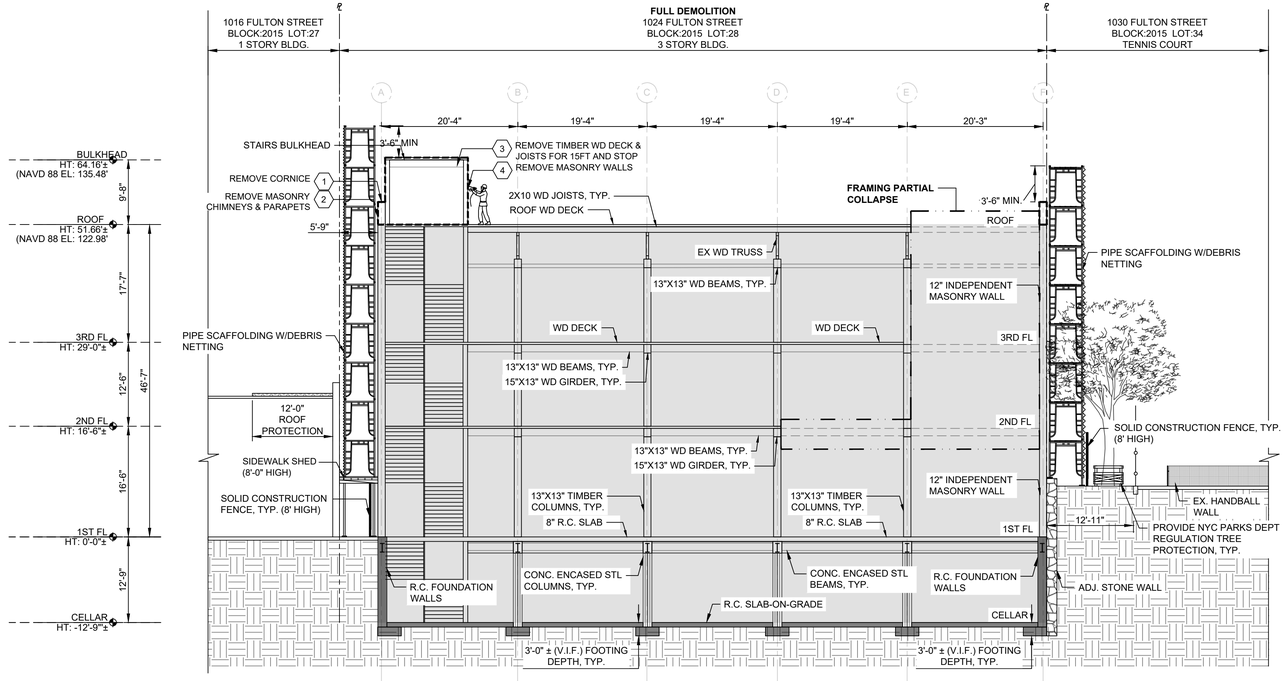
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE: ROOF PROJECTIONS DEMO – PLAN

DRAWING NUMBER: C–110

SHEET 22 OF 43

36x24 PLOT SHEET



A ROOF PROJECTIONS DEMO SECTION

SCALE: 3/32" = 1'-0"

DEMOLITION SEQUENCE - ROOF TOP STRUCTURES

THE CONTRACTOR SHALL REMOVE BULKHEADS, CHIMNEY'S, PARAPETS AND OTHER ROOF TOP STRUCTURES BY HAND IN THE FOLLOWING SEQUENCE:

1. REMOVE CORNICE
   - 1.1. REMOVE BY HAND WORKING FROM SCAFFOLD.
   - 1.2. REMOVE PLASTER AND SHEATHING
   - 1.3. REMOVE TIMBER FRAMING, PIECE BY PIECE, CUTTING FRAMING MEMBERS IN SECTIONS NOT EXCEEDING 50 LBS.
2. REMOVE MASONRY CHIMNEY'S & PARAPETS
   - 2.1. REMOVE BY HAND.
   - 2.2. REMOVE MASONRY PARAPETS/CHIMNEYS FROM TOP DOWN TO ROOF DECK.
   - 2.3. REMOVAL SHALL BE LIMITED TO PORTIONS OF MASONRY NOT EXCEEDING 1'-0"X1'-0"X1'-0" AT A TIME.
   - 2.4. IN NO CASE SHALL MASONRY WALLS BE PUSHED, PULLED OR TOPPLED.
   - 2.5. PARAPETS ARE TO BE REMOVED VIA WORKERS ON SCAFFOLDING.

BULKHEAD REMOVALS

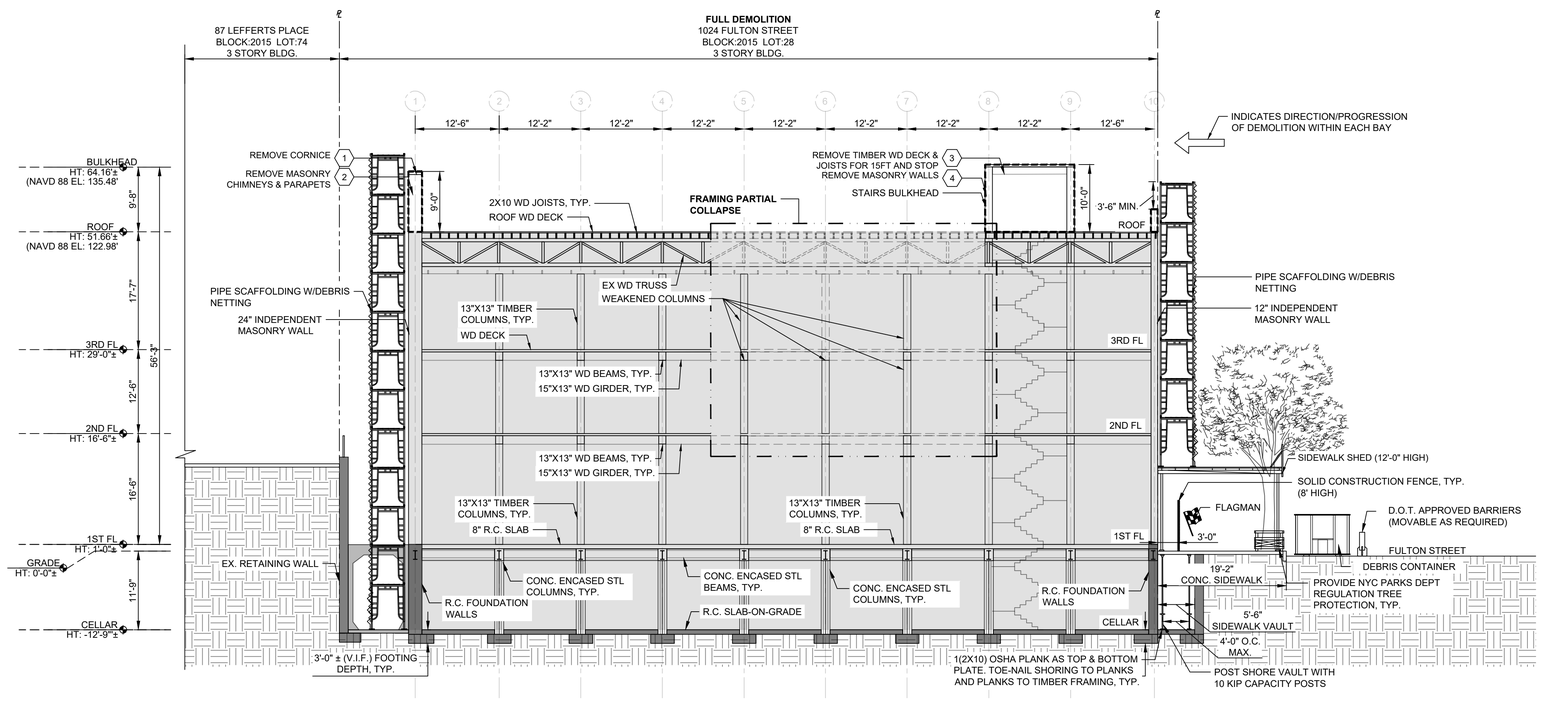
3. REMOVE TIMBER ROOF DECK AND JOISTS BY HAND, FOR A DISTANCE OF 15 FT OR LESS AND STOP.
4. REMOVE MASONRY WALLS
   - 4.1. REMOVE MASONRY WALLS BY HAND
     - 4.1.1. UTILIZING A CHIPPING GUN
   - 4.2. MASONRY DEMOLITION NOTES
     - 4.2.1. DO NOT REMOVE MASONRY WALLS SUPPORTING STRUCTURAL MEMBERS
     - 4.2.2. REMOVE MASONRY WALLS FROM TOP DOWN AT 4' MAX. VERTICAL INTERVALS FOR EACH PASS.
     - 4.2.3. MAINTAIN SLOPE OF 1V:1H (45° DEGREES) FROM TOP OF WALL.
     - 4.2.4. MASONRY WALLS SHALL NOT BE ALLOWED TO REMAIN FREESTANDING FOR LENGTHS EXCEEDING 20' OR HEIGHTS EXCEEDING 10'.
     - 4.2.5. REMOVAL OF MASONRY WALLS SHALL BE LIMITED TO PORTIONS NOT EXCEEDING 1'X1'X1'.
     - 4.2.6. IN NO CASE SHALL MASONRY WALLS BE PUSHED, PULLED OR TOPPLED.
     - 4.2.7. LOOSE DEBRIS SHALL BE PULLED/PUSHED INTO THE BUILDING AND TRANSPORTED TO THE DEBRIS CHUTE.
     - 4.2.8. MASONRY WALL REMOVALS ABOVE THE ACTIVE DEMOLITION FLOOR (TOP FLOOR) SHALL BE COMPLETED BEFORE REMOVAL OF ANY STRUCTURAL MEMBERS BELOW.
       - 4.2.8.1. EXCEPTION: MASONRY WALLS MAY TEMPORARILY REMAIN AT A HEIGHT OF 3'-6" +/- TO SERVE AS PERIMETER GUARDRAIL/BARRIER
   - 4.3. DEBRIS STOCKPILING AGAINST MASONRY WALLS IS STRICTLY PROHIBITED; AND DEBRIS SHALL BE CONTINUOUSLY CLEARED FROM THE FLOOR.

HAZARDOUS BUILDING MATERIALS

5. ASBESTOS. ALL ASBESTOS SHALL BE REMOVED FROM THE IMPACTED AREAS PRIOR TO DISTURBANCE. IN SOME CASES THE INITIAL SHORING AND DEMOLITION WORK WILL REQUIRE WORKERS TO BE ALLIED TRADES CERTIFIED (NYSDOL ASBESTOS CERTIFIED) AS WORK IN ASBESTOS CONTAMINATED AREAS, OR INITIAL REMOVALS WILL NEED TO BE HANDLED AS ASBESTOS ABATEMENT WORK.
6. LEAD-BASED/LEAD-CONTAINING PAINT. ASSUME ALL PAINTED SURFACE CONTAIN LEAD. ALL WORK DISTURBING PAINTED SURFACES MUST BE COMPLETED IN ACCORDANCE WITH 29 CFR 1926.62 - OSHA LEAD IN CONSTRUCTION STANDARD.

LEGEND - DEMOLITION

	LIMITS OF DEMOLITION (CURRENT PHASE)
	STRUCTURE TO REMAIN
	STRUCTURE TO BE REMOVED TO INDICATED FLOOR. REFER TO SECTIONS
	STRUCTURE TO BE REMOVED TO GRADE/ 1ST FL.
	BACKFILL
	CONC. SLAB-ON-GRADE
	NO LOAD ZONE
	SHORING TOWER FRAME
	SHORING POST
#	DEMOLITION SEQUENCE STEP. PROCEED IN NUMERICAL ORDER AND DIRECTION SHOWN
	DIRECTION OF DEMOLITION
	FLAG PERSON



B ROOF PROJECTIONS DEMO SECTION

SCALE: 3/32" = 1'-0"

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

ANCORA
Engineering + Architecture

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STATE OF NEW YORK · JAMES M PAPPAGEORGE · LICENSED PROFESSIONAL ENGINEER · 092183

REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	10/09/2025	BID DOCUMENT & MTA 02

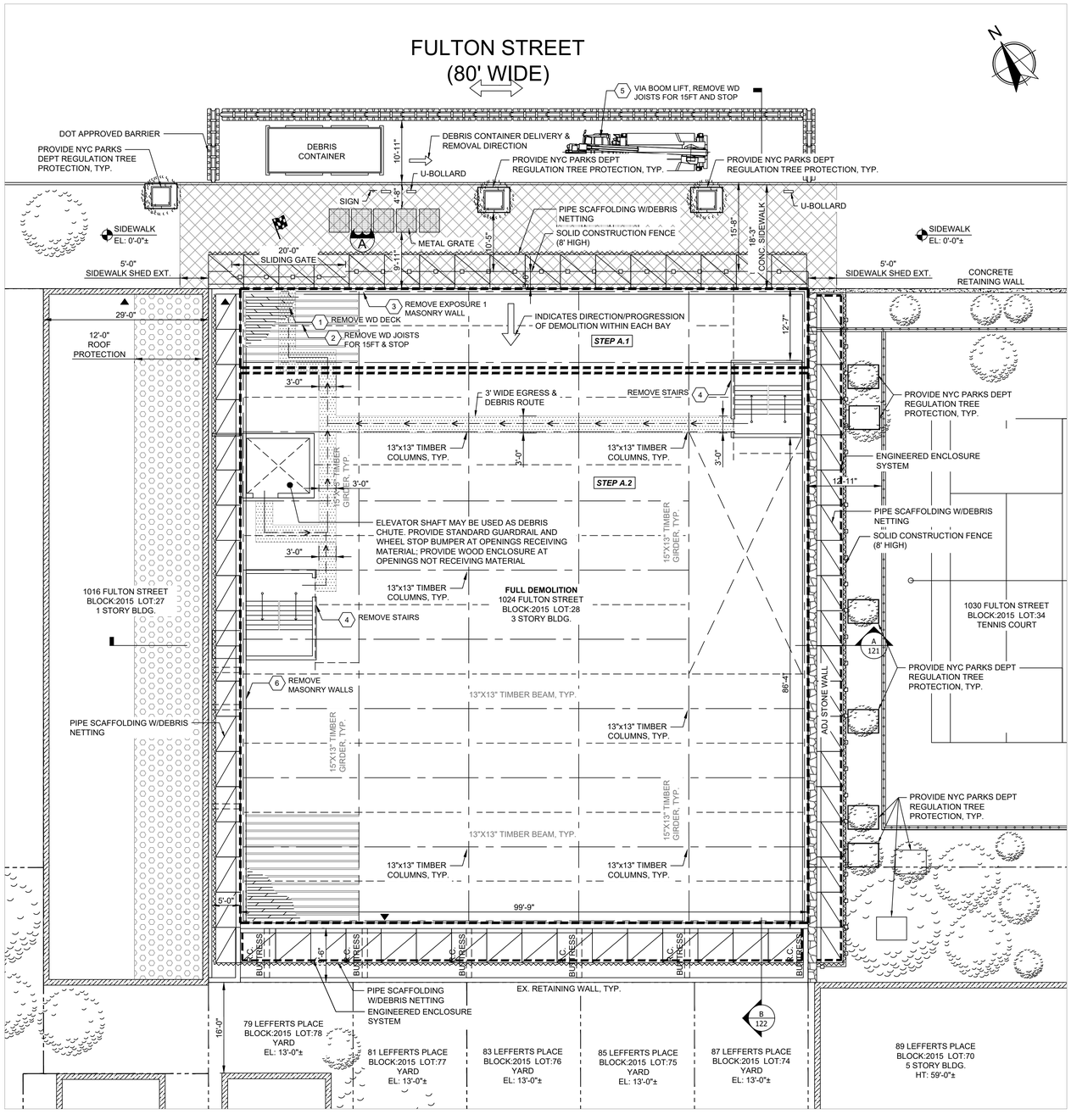
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE: ROOF PROJECTIONS DEMO – SECTIONS

DRAWING NUMBER: C–111

SHEET 23 OF 43

36x24 PLOT SHEET



1 ROOF DEMO PLAN
SCALE: 3/32" = 1'-0"

DEMOLITION SEQUENCE - ROOF FL

PROCEEDING IN THE DIRECTION INDICATED IN THE PLANS, THE CONTRACTOR SHALL REMOVE BY HAND, THE SUPERSTRUCTURE, ONE FLOOR AT A TIME, FROM TOP DOWN, IN THE FOLLOWING SEQUENCE:

STEP A.1

1. REMOVE WOOD DECK
   - 1.1. REMOVE WOOD DECK BY HAND
2. REMOVE WOOD JOISTS FOR A DISTANCE OF 15 FT MAX AND STOP.
   - 2.1. REMOVE WOOD JOISTS BY HAND.
   - 2.2. PROCEEDING IN DIRECTION SHOWN.
   - 2.3. WOOD JOISTS IN INDEPENDENT WALLS SHALL BE CUT OFF CLOSE TO WALLS, LEAVING STUB END IN-TACT. STUB ENDS SHALL NOT EXCEED 6".
   - 2.4. IF APPLICABLE, WOOD JOIST IN PARTY WALLS SHALL BE CUT OFF CLOSE TO WALLS, REMOVE STUB ENDS WITHOUT WEAKENING EXISTING MASONRY, CLEAN BEAM POCKETS OF LOOSE MORTAR, AND BRICK-UP ALL OPEN BEAM HOLES WITH SOUND BRICK AND CEMENT MORTAR. ALL OPENINGS SHALL BE BRICKED UP FLUSH ON THE EXTERIOR SIDE OF THE PARTY WALL. ALL MASONRY THAT IS IN POOR CONDITION SHALL BE POINTED AND PATCHED.
3. REMOVE EXPOSURE 1 MASONRY WALL
   - 3.1. REMOVE MASONRY WALLS BY HAND
     - 3.1.1. UTILIZING A CHIPPING GUN
   - 3.2. FACADES ARE TO BE REMOVED VIA WORKERS ON SCAFFOLDING.

STEP A.2

4. REMOVE STAIRS
   - 4.1. REMOVE STAIRS BY HAND.
   - 4.2. REMOVE TREADS AND STEPS FROM TOP DOWN.
   - 4.3. REMOVE STRINGERS.
5. VIA BOOM LIFT, REMOVE WOOD JOISTS FOR A DISTANCE OF 15 FT MAX AND STOP.
   - 5.1. REMOVE WOOD JOISTS BY HAND.
   - 5.2. PROCEEDING IN DIRECTION SHOWN.
   - 5.3. WOOD JOISTS IN INDEPENDENT WALLS SHALL BE CUT OFF CLOSE TO WALLS, LEAVING STUB END IN-TACT. STUB ENDS SHALL NOT EXCEED 6".
   - 5.4. IF APPLICABLE, WOOD JOIST IN PARTY WALLS SHALL BE CUT OFF CLOSE TO WALLS, REMOVE STUB ENDS WITHOUT WEAKENING EXISTING MASONRY, CLEAN BEAM POCKETS OF LOOSE MORTAR, AND BRICK-UP ALL OPEN BEAM HOLES WITH SOUND BRICK AND CEMENT MORTAR. ALL OPENINGS SHALL BE BRICKED UP FLUSH ON THE EXTERIOR SIDE OF THE PARTY WALL. ALL MASONRY THAT IS IN POOR CONDITION SHALL BE POINTED AND PATCHED.
   - 5.5. REMOVE FRAMING ONE BAY AT A TIME APPROACHING THE COLLAPSED AREA.
   - 5.6. NO PERSONELLE ARE TO BE WITHIN THE CAZ ZONE WHEN REMOVAL OF DAMAGED FRAMING IS OCCURING.
6. REMOVE MASONRY WALLS
   - 6.1. REMOVE MASONRY WALLS BY HAND
     - 6.1.1. UTILIZING A CHIPPING GUN
   - 6.2. MASONRY DEMOLITION NOTES
     - 6.2.1. DO NOT REMOVE MASONRY WALLS SUPPORTING STRUCTURAL MEMBERS
     - 6.2.2. REMOVE MASONRY WALLS FROM TOP DOWN AT 4' MAX. VERTICAL INTERVALS FOR EACH PASS.
     - 6.2.3. MAINTAIN SLOPE OF 1V:1H (45° DEGREES) FROM TOP OF WALL.
     - 6.2.4. MASONRY WALLS SHALL NOT BE ALLOWED TO REMAIN FREESTANDING FOR LENGTHS EXCEEDING 20' OR HEIGHTS EXCEEDING 10'.
     - 6.2.5. REMOVAL OF MASONRY WALLS SHALL BE LIMITED TO PORTIONS NOT EXCEEDING 1'X1'X1'.
     - 6.2.6. IN NO CASE SHALL MASONRY WALLS BE PUSHED, PULLED OR TOPPLED.
     - 6.2.7. LOOSE DEBRIS SHALL BE PULLED/PUSHED INTO THE BUILDING AND TRANSPORTED TO THE DEBRIS CHUTE.
     - 6.2.8. MASONRY WALL REMOVALS ABOVE THE ACTIVE DEMOLITION FLOOR (TOP FLOOR) SHALL BE COMPLETED BEFORE REMOVAL OF ANY STRUCTURAL MEMBERS BELOW.
       - 6.2.8.1. EXCEPTION: MASONRY WALLS MAY TEMPORARILY REMAIN AT A HEIGHT OF 3'-6" +/- TO SERVE AS PERIMETER GUARDRAIL/BARRIER
     - 6.2.9. DEBRIS STOCKPILING AGAINST MASONRY WALLS IS STRICTLY PROHIBITED; AND DEBRIS SHALL BE CONTINUOUSLY CLEARED FROM THE FLOOR.
7. REPEAT STEPS 3 AND 4, IN 15' INTERVALS UNTIL REMOVAL OF JOISTS AND WALLS IS COMPLETE.
8. BACKFILL BERM FOUNDATION WALLS WITH PROGRESSION OF DEMOLITION
   - 8.1. CONC. AND MASONRY DEBRIS MAY BE UTILIZED FOR BACKFILL.
   - 8.2. BERM FOUNDATION WALLS AT EXP 1, 2 AND 4.
   - 8.3. DO NOT BLOCK EGRESS STAIRS.

HAZARDOUS BUILDING MATERIALS

9. ASBESTOS. ALL ASBESTOS SHALL BE REMOVED FROM THE IMPACTED AREAS PRIOR TO DISTURBANCE. IN SOME CASES THE INITIAL SHORING AND DEMOLITION WORK WILL REQUIRE WORKERS TO BE ALLIED TRADES CERTIFIED (NYSDOL ASBESTOS CERTIFIED) AS WORK IN ASBESTOS CONTAMINATED AREAS, OR INITIAL REMOVALS WILL NEED TO BE HANDLED AS ASBESTOS ABATEMENT WORK.
10. LEAD-BASED/LEAD-CONTAINING PAINT. ASSUME ALL PAINTED SURFACE CONTAIN LEAD. ALL WORK DISTURBING PAINTED SURFACES MUST BE COMPLETED IN ACCORDANCE WITH 29 CFR 1926.62 - OSHA LEAD IN CONSTRUCTION STANDARD.

LEGEND - DEMOLITION

	LIMITS OF DEMOLITION (CURRENT PHASE)
	STRUCTURE TO REMAIN
	STRUCTURE TO BE REMOVED TO INDICATED FLOOR. REFER TO SECTIONS
	STRUCTURE TO BE REMOVED TO GRADE/ 1ST FL.
	BACKFILL
	CONC. SLAB-ON-GRADE
	NO LOAD ZONE
	SHORING TOWER FRAME
	SHORING POST
#	DEMOLITION SEQUENCE STEP. PROCEED IN NUMERICAL ORDER AND DIRECTION SHOWN
	DIRECTION OF DEMOLITION
	FLAG PERSON

NEW YORK STATE OF OPPORTUNITY. Office of General Services
DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

ANCORA
Engineering + Architecture

ENERGY CODE STATEMENT:

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STATE OF NEW YORK · JAMES M PAPPAGEORGE · 092183 · LICENSED PROFESSIONAL ENGINEER

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LOCATION: 1024 FULTON STREET BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

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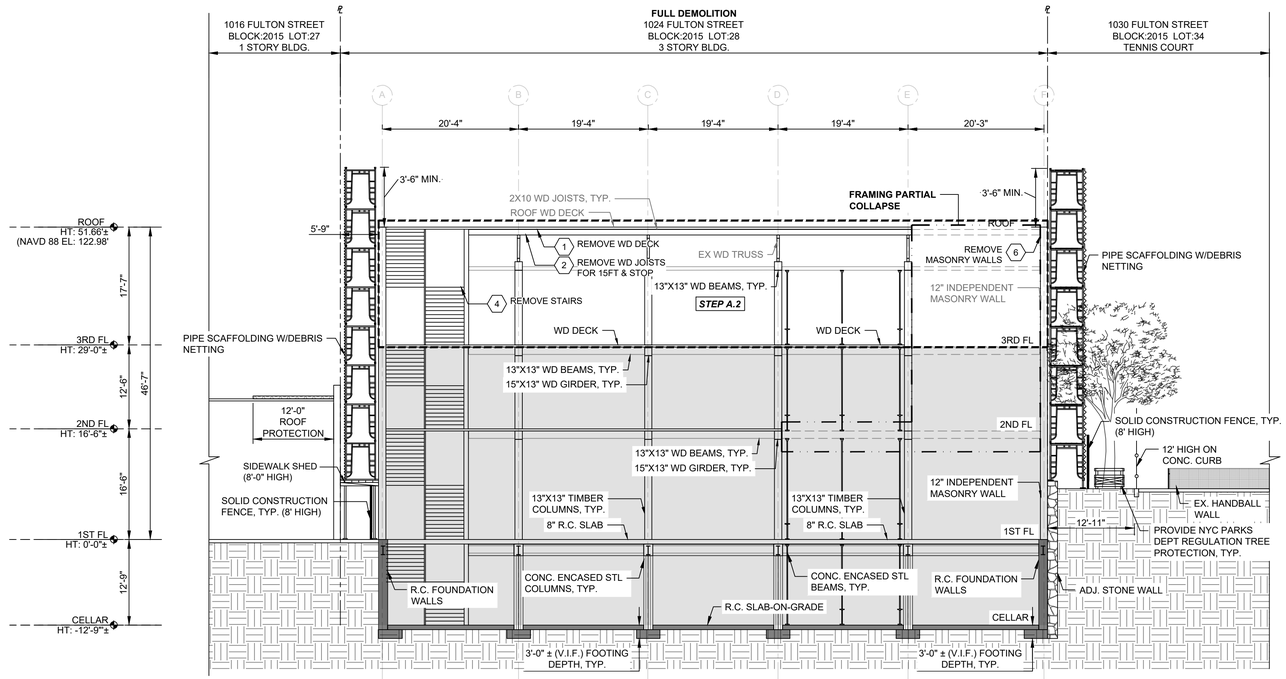
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE: ROOF DEMO – PLAN

DRAWING NUMBER: C–120

SHEET 24 OF 43

36x24 PLOT SHEET



A ROOF DEMO SECTION
SCALE: 3/32" = 1'-0"

LEGEND - DEMOLITION

- LIMITS OF DEMOLITION (CURRENT PHASE)
- STRUCTURE TO REMAIN
- STRUCTURE TO BE REMOVED TO INDICATED FLOOR. REFER TO SECTIONS
- STRUCTURE TO BE REMOVED TO GRADE/ 1ST FL.
- BACKFILL
- CONC. SLAB-ON-GRADE
- NO LOAD ZONE
- SHORING TOWER FRAME
- SHORING POST
- DEMOLITION SEQUENCE STEP. PROCEED IN NUMERICAL ORDER AND DIRECTION SHOWN
- DIRECTION OF DEMOLITION
- FLAG PERSON

DEMOLITION SEQUENCE - ROOF FL

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2. REMOVE WOOD JOISTS FOR A DISTANCE OF 15 FT MAX AND STOP.
   - 2.1. REMOVE WOOD JOISTS BY HAND.
   - 2.2. PROCEEDING IN DIRECTION SHOWN.
   - 2.3. WOOD JOISTS IN INDEPENDENT WALLS SHALL BE CUT OFF CLOSE TO WALLS, LEAVING STUB END IN-TACT. STUB ENDS SHALL NOT EXCEED 6".
   - 2.4. IF APPLICABLE, WOOD JOIST IN PARTY WALLS SHALL BE CUT OFF CLOSE TO WALLS, REMOVE STUB ENDS WITHOUT WEAKENING EXISTING MASONRY, CLEAN BEAM POCKETS OF LOOSE MORTAR, AND BRICK-UP ALL OPEN BEAM HOLES WITH SOUND BRICK AND CEMENT MORTAR. ALL OPENINGS SHALL BE BRICKED UP FLUSH ON THE EXTERIOR SIDE OF THE PARTY WALL. ALL MASONRY THAT IS IN POOR CONDITION SHALL BE POINTED AND PATCHED.
3. REMOVE EXPOSURE 1 MASONRY WALL
   - 3.1. REMOVE MASONRY WALLS BY HAND
     - 3.1.1. UTILIZING A CHIPPING GUN
   - 3.2. FACADES ARE TO BE REMOVED VIA WORKERS ON SCAFFOLDING.

STEP A.2

4. REMOVE STAIRS
   - 4.1. REMOVE STAIRS BY HAND.
   - 4.2. REMOVE TREADS AND STEPS FROM TOP DOWN.
   - 4.3. REMOVE STRINGERS.
5. VIA BOOM LIFT, REMOVE WOOD JOISTS FOR A DISTANCE OF 15 FT MAX AND STOP.
   - 5.1. REMOVE WOOD JOISTS BY HAND.
   - 5.2. PROCEEDING IN DIRECTION SHOWN.
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     - 6.2.1. DO NOT REMOVE MASONRY WALLS SUPPORTING STRUCTURAL MEMBERS
     - 6.2.2. REMOVE MASONRY WALLS FROM TOP DOWN AT 4' MAX. VERTICAL INTERVALS FOR EACH PASS.
     - 6.2.3. MAINTAIN SLOPE OF 1V:1H (45° DEGREES) FROM TOP OF WALL.
     - 6.2.4. MASONRY WALLS SHALL NOT BE ALLOWED TO REMAIN FREESTANDING FOR LENGTHS EXCEEDING 20' OR HEIGHTS EXCEEDING 10'.
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HAZARDOUS BUILDING MATERIALS

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DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

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Engineering + Architecture

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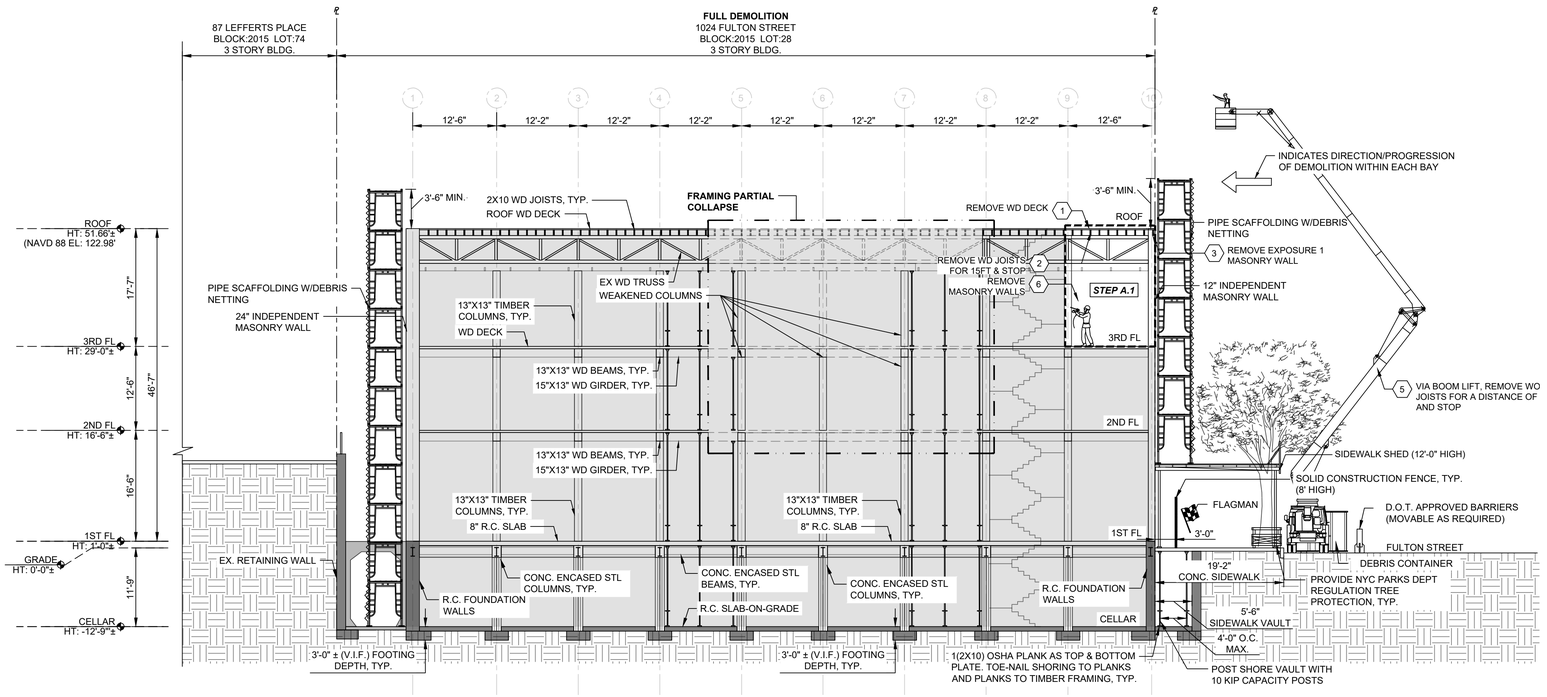
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE:
ROOF DEMO – SECTIONS

DRAWING NUMBER:
C–121

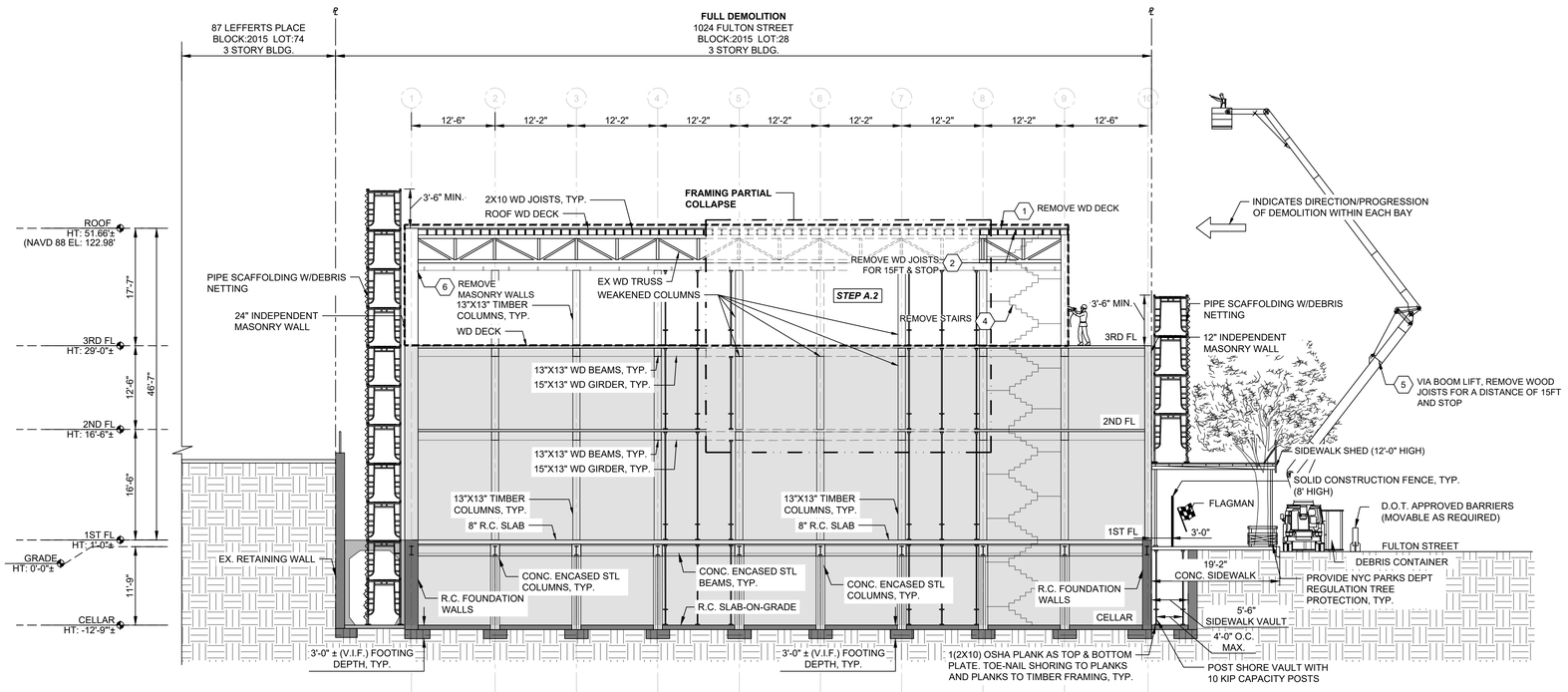
SHEET 25 OF 43

36x24 PLOT SHEET



B ROOF DEMO SECTION - STEP 1

SCALE: 3/32" = 1'-0"



B ROOF DEMO SECTION - STEP 2

SCALE: 3/32" = 1'-0"

LEGEND - DEMOLITION

- LIMITS OF DEMOLITION (CURRENT PHASE)
- STRUCTURE TO REMAIN
- STRUCTURE TO BE REMOVED TO INDICATED FLOOR. REFER TO SECTIONS
- STRUCTURE TO BE REMOVED TO GRADE/ 1ST FL.
- BACKFILL
- CONC. SLAB-ON-GRADE
- NO LOAD ZONE
- SHORING TOWER FRAME
- SHORING POST
- (#) DEMOLITION SEQUENCE STEP. PROCEED IN NUMERICAL ORDER AND DIRECTION SHOWN
- DIRECTION OF DEMOLITION
- FLAG PERSON

DEMOLITION SEQUENCE - ROOF FL

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   - 2.1. REMOVE WOOD JOISTS BY HAND.
   - 2.2. PROCEEDING IN DIRECTION SHOWN.
   - 2.3. WOOD JOISTS IN INDEPENDENT WALLS SHALL BE CUT OFF CLOSE TO WALLS, LEAVING STUB END IN-TACT. STUB ENDS SHALL NOT EXCEED 6".
   - 2.4. IF APPLICABLE, WOOD JOIST IN PARTY WALLS SHALL BE CUT OFF CLOSE TO WALLS, REMOVE STUB ENDS WITHOUT WEAKENING EXISTING MASONRY, CLEAN BEAM POCKETS OF LOOSE MORTAR, AND BRICK-UP ALL OPEN BEAM HOLES WITH SOUND BRICK AND CEMENT MORTAR. ALL OPENINGS SHALL BE BRICKED UP FLUSH ON THE EXTERIOR SIDE OF THE PARTY WALL. ALL MASONRY THAT IS IN POOR CONDITION SHALL BE POINTED AND PATCHED.
3. REMOVE EXPOSURE 1 MASONRY WALL
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STEP A.2

4. REMOVE STAIRS
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MARK	DATE	DESCRIPTION

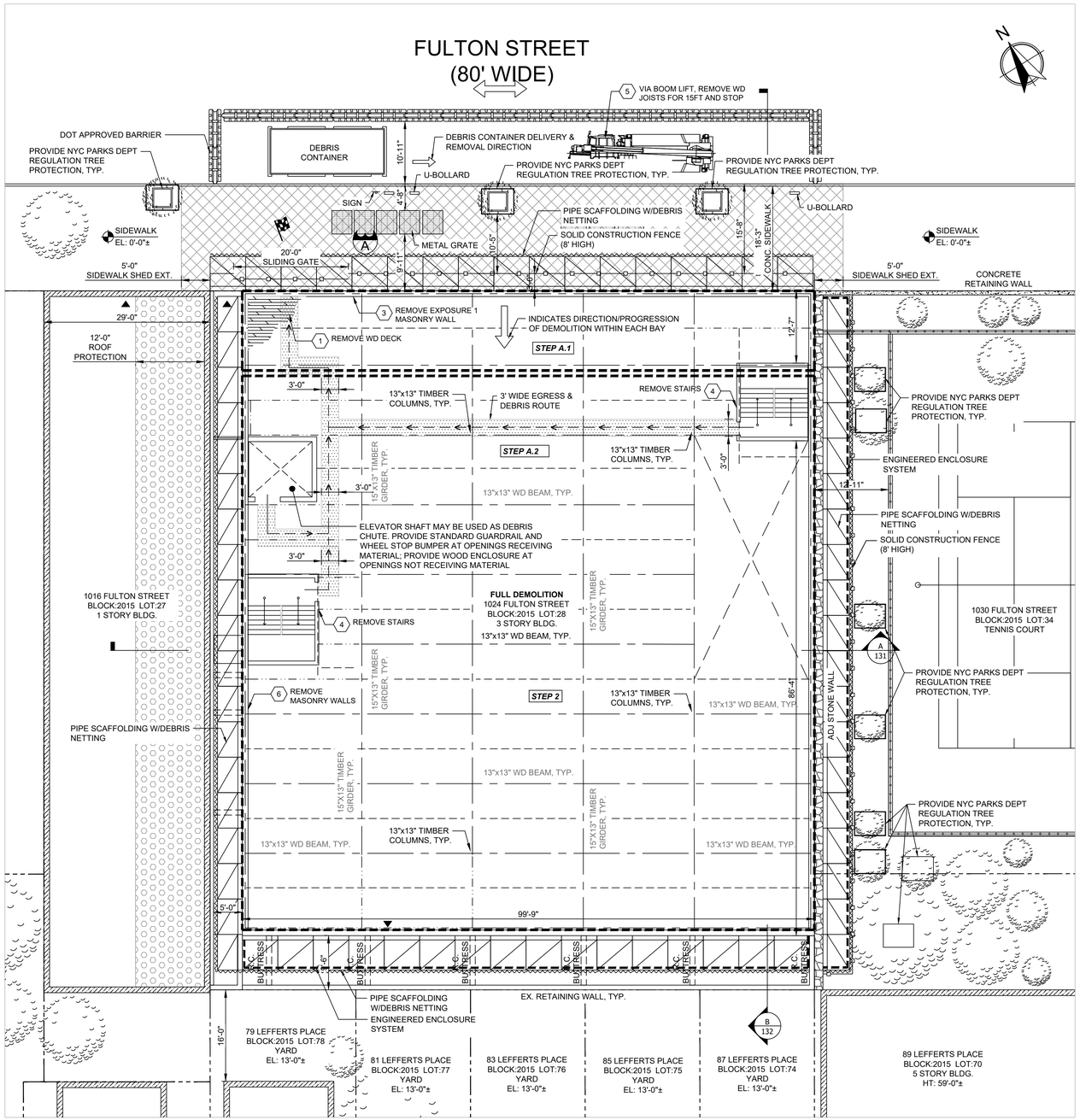
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE: ROOF DEMO – SECTIONS

DRAWING NUMBER: C–122

SHEET 26 OF 43

36x24 PLOT SHEET



1 3RD & 2ND FL DEMO PLAN
SCALE: 3/32" = 1'-0"

DEMOLITION SEQUENCE - 3RD FL TO 2ND FL

PROCEEDING IN THE DIRECTION INDICATED IN THE PLANS, THE CONTRACTOR SHALL REMOVE BY HAND, THE SUPERSTRUCTURE, ONE FLOOR AT A TIME, FROM TOP DOWN, IN THE FOLLOWING SEQUENCE:

STEP A.1
1. REMOVE WOOD DECK
   1.1. REMOVE WOOD DECK BY HAND
2. REMOVE WOOD JOISTS FOR A DISTANCE OF 15 FT MAX AND STOP.
   2.1. REMOVE WOOD JOISTS BY HAND.
   2.2. PROCEEDING IN DIRECTION SHOWN.
   2.3. WOOD JOISTS IN INDEPENDENT WALLS SHALL BE CUT OFF CLOSE TO WALLS, LEAVING STUB END IN-TACT. STUB ENDS SHALL NOT EXCEED 6".
   2.4. IF APPLICABLE, WOOD JOIST IN PARTY WALLS SHALL BE CUT OFF CLOSE TO WALLS, REMOVE STUB ENDS WITHOUT WEAKENING EXISTING MASONRY, CLEAN BEAM POCKETS OF LOOSE MORTAR, AND BRICK-UP ALL OPEN BEAM HOLES WITH SOUND BRICK AND CEMENT MORTAR. ALL OPENINGS SHALL BE BRICKED UP FLUSH ON THE EXTERIOR SIDE OF THE PARTY WALL. ALL MASONRY THAT IS IN POOR CONDITION SHALL BE POINTED AND PATCHED.
3. REMOVE EXPOSURE 1 MASONRY WALL
   3.1. REMOVE MASONRY WALLS BY HAND
      3.1.1. UTILIZING A CHIPPING GUN
   3.2. FACADES ARE TO BE REMOVED VIA WORKERS ON SCAFFOLDING.

STEP A.2
4. REMOVE STAIRS
   4.1. REMOVE STAIRS BY HAND.
   4.2. REMOVE TREADS AND STEPS FROM TOP DOWN.
   4.3. REMOVE STRINGERS.
5. VIA BOOM LIFT, REMOVE WOOD JOISTS FOR A DISTANCE OF 15 FT MAX AND STOP.
   5.1. REMOVE WOOD JOISTS BY HAND.
   5.2. PROCEEDING IN DIRECTION SHOWN.
   5.3. WOOD JOISTS IN INDEPENDENT WALLS SHALL BE CUT OFF CLOSE TO WALLS, LEAVING STUB END IN-TACT. STUB ENDS SHALL NOT EXCEED 6".
   5.4. IF APPLICABLE, WOOD JOIST IN PARTY WALLS SHALL BE CUT OFF CLOSE TO WALLS, REMOVE STUB ENDS WITHOUT WEAKENING EXISTING MASONRY, CLEAN BEAM POCKETS OF LOOSE MORTAR, AND BRICK-UP ALL OPEN BEAM HOLES WITH SOUND BRICK AND CEMENT MORTAR. ALL OPENINGS SHALL BE BRICKED UP FLUSH ON THE EXTERIOR SIDE OF THE PARTY WALL. ALL MASONRY THAT IS IN POOR CONDITION SHALL BE POINTED AND PATCHED.
   5.5. REMOVE FRAMING ONE BAY AT A TIME APPROACHING THE COLLAPSED AREA.
   5.6. NO PERSONNEL ARE TO BE WITHIN THE CAZ ZONE WHEN REMOVAL OF DAMAGED FRAMING IS OCCURING.
6. REMOVE MASONRY WALLS
   6.1. REMOVE MASONRY WALLS BY HAND
      6.1.1. UTILIZING A CHIPPING GUN
   6.2. MASONRY DEMOLITION NOTES
      6.2.1. DO NOT REMOVE MASONRY WALLS SUPPORTING STRUCTURAL MEMBERS
      6.2.2. REMOVE MASONRY WALLS FROM TOP DOWN AT 4' MAX. VERTICAL INTERVALS FOR EACH PASS.
      6.2.3. MAINTAIN SLOPE OF 1V:1H (45° DEGREES) FROM TOP OF WALL.
      6.2.4. MASONRY WALLS SHALL NOT BE ALLOWED TO REMAIN FREESTANDING FOR LENGTHS EXCEEDING 20' OR HEIGHTS EXCEEDING 10'.
      6.2.5. REMOVAL OF MASONRY WALLS SHALL BE LIMITED TO PORTIONS NOT EXCEEDING 1'X1'X1'.
      6.2.6. IN NO CASE SHALL MASONRY WALLS BE PUSHED, PULLED OR TOPPLED.
      6.2.7. LOOSE DEBRIS SHALL BE PULLED/PUSHED INTO THE BUILDING AND TRANSPORTED TO THE DEBRIS CHUTE.
      6.2.8. MASONRY WALL REMOVALS ABOVE THE ACTIVE DEMOLITION FLOOR (TOP FLOOR) SHALL BE COMPLETED BEFORE REMOVAL OF ANY STRUCTURAL MEMBERS BELOW.
         6.2.8.1. EXCEPTION: MASONRY WALLS MAY TEMPORARILY REMAIN AT A HEIGHT OF 3'-6" +/- TO SERVE AS PERIMETER GUARDRAIL/BARRIER
   6.3. DEBRIS STOCKPILING AGAINST MASONRY WALLS IS STRICTLY PROHIBITED; AND DEBRIS SHALL BE CONTINUOUSLY CLEARED FROM THE FLOOR.
7. REPEAT STEPS 3 AND 4, IN 15' INTERVALS UNTIL REMOVAL OF JOISTS AND WALLS IS COMPLETE.
8. BACKFILL BERM FOUNDATION WALLS WITH PROGRESSION OF DEMOLITION
   8.1. CONC. AND MASONRY DEBRIS MAY BE UTILIZED FOR BACKFILL.
   8.2. BERM FOUNDATION WALLS AT EXP 1, 2 AND 4.
   8.3. DO NOT BLOCK EGRESS STAIRS.
9. REPEAT STEPS 1-6 AFTER THE 3RD FLOOR FRAMING IS REMOVED FOR THE 2ND FLOOR.

HAZARDOUS BUILDING MATERIALS

10. ASBESTOS. ALL ASBESTOS SHALL BE REMOVED FROM THE IMPACTED AREAS PRIOR TO DISTURBANCE. IN SOME CASES THE INITIAL SHORING AND DEMOLITION WORK WILL REQUIRE WORKERS TO BE ALLIED TRADES CERTIFIED (NYSDOL ASBESTOS CERTIFIED) AS WORK IN ASBESTOS CONTAMINATED AREAS, OR INITIAL REMOVALS WILL NEED TO BE HANDLED AS ASBESTOS ABATEMENT WORK.
11. LEAD-BASED/LEAD-CONTAINING PAINT. ASSUME ALL PAINTED SURFACE CONTAIN LEAD. ALL WORK DISTURBING PAINTED SURFACES MUST BE COMPLETED IN ACCORDANCE WITH 29 CFR 1926.62 - OSHA LEAD IN CONSTRUCTION STANDARD.

LEGEND - DEMOLITION

	LIMITS OF DEMOLITION (CURRENT PHASE)
	STRUCTURE TO REMAIN
	STRUCTURE TO BE REMOVED TO INDICATED FLOOR. REFER TO SECTIONS
	STRUCTURE TO BE REMOVED TO GRADE/ 1ST FL.
	BACKFILL
	CONC. SLAB-ON-GRADE
	NO LOAD ZONE
	SHORING TOWER FRAME
	SHORING POST
#	DEMOLITION SEQUENCE STEP. PROCEED IN NUMERICAL ORDER AND DIRECTION SHOWN
	DIRECTION OF DEMOLITION
	FLAG PERSON

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DESIGN & CONSTRUCTION

CONSULTANT
CERTIFICATE OF AUTHORIZATION No.: 0115759
ANCORA
Engineering + Architecture

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STATE OF NEW YORK · JAMES M. PAPPAGEORGE · LICENSED PROFESSIONAL ENGINEER · 092183
REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	10/09/2025	BID DOCUMENT & MTA 02

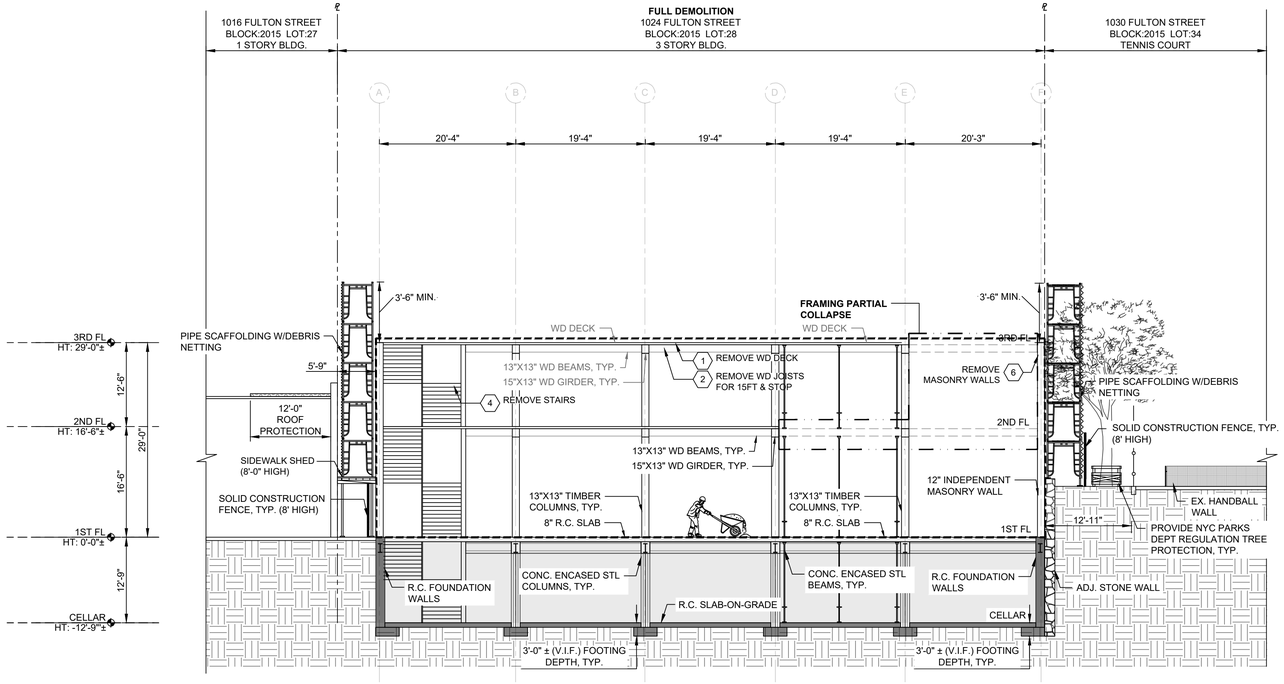
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE: 3RD & 2ND FLOOR DEMO – PLAN

DRAWING NUMBER: C–130

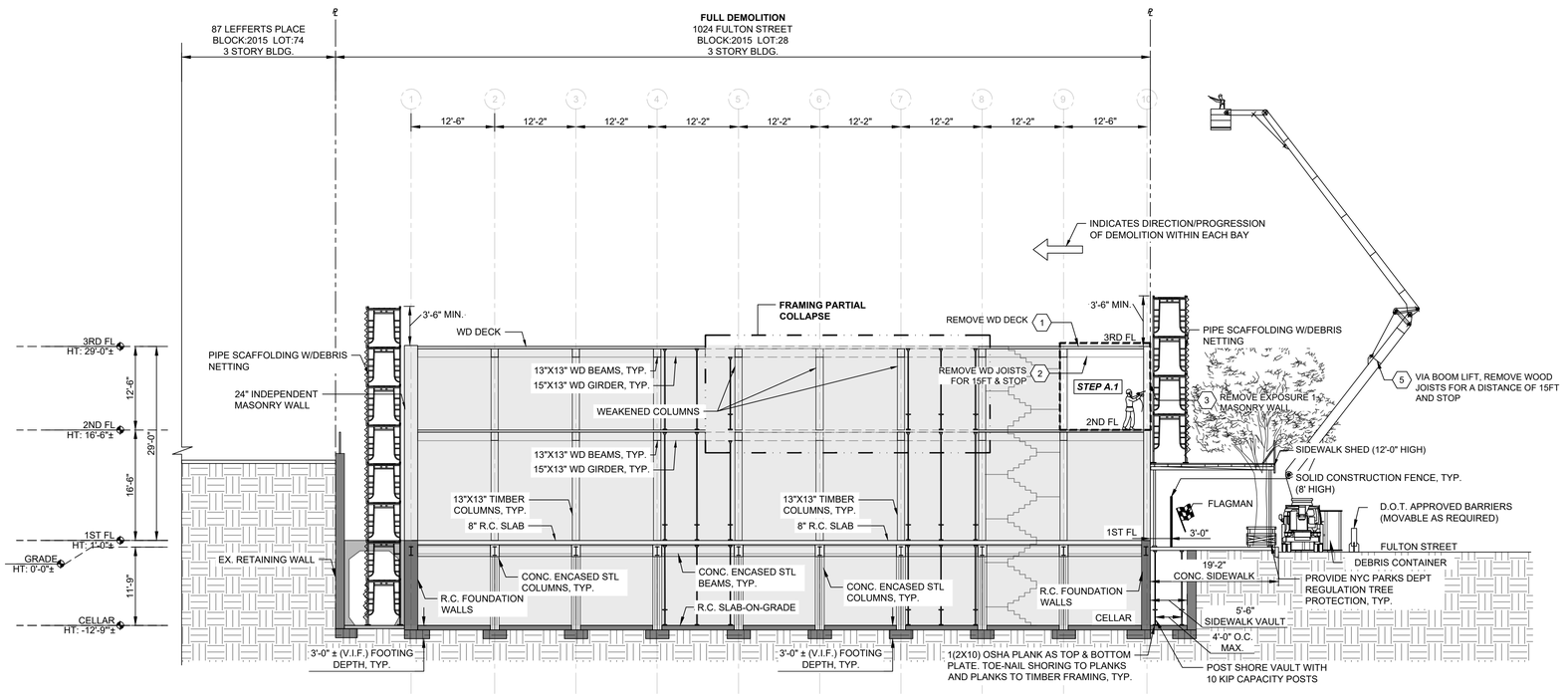
SHEET 27 OF 43

36x24 PLOT SHEET



A 3RD & 2ND FL DEMO SECTION

SCALE: 3/32" = 1'-0"



B 3RD & 2ND FL DEMO SECTION - STEP 1

SCALE: 3/32" = 1'-0"

LEGEND - DEMOLITION

	LIMITS OF DEMOLITION (CURRENT PHASE)
	STRUCTURE TO REMAIN
	STRUCTURE TO BE REMOVED TO INDICATED FLOOR. REFER TO SECTIONS
	STRUCTURE TO BE REMOVED TO GRADE/ 1ST FL.
	BACKFILL
	CONC. SLAB-ON-GRADE
	NO LOAD ZONE
	SHORING TOWER FRAME
	SHORING POST
#	DEMOLITION SEQUENCE STEP. PROCEED IN NUMERICAL ORDER AND DIRECTION SHOWN
	DIRECTION OF DEMOLITION
	FLAG PERSON

DEMOLITION SEQUENCE - 3RD FL TO 2ND FL

PROCEEDING IN THE DIRECTION INDICATED IN THE PLANS, THE CONTRACTOR SHALL REMOVE BY HAND, THE SUPERSTRUCTURE, ONE FLOOR AT A TIME, FROM TOP DOWN, IN THE FOLLOWING SEQUENCE:

STEP A.1

1. REMOVE WOOD DECK
   - 1.1. REMOVE WOOD DECK BY HAND
2. REMOVE WOOD JOISTS FOR A DISTANCE OF 15 FT MAX AND STOP.
   - 2.1. REMOVE WOOD JOISTS BY HAND.
   - 2.2. PROCEEDING IN DIRECTION SHOWN.
   - 2.3. WOOD JOISTS IN INDEPENDENT WALLS SHALL BE CUT OFF CLOSE TO WALLS, LEAVING STUB END IN-TACT. STUB ENDS SHALL NOT EXCEED 6".
   - 2.4. IF APPLICABLE, WOOD JOIST IN PARTY WALLS SHALL BE CUT OFF CLOSE TO WALLS, REMOVE STUB ENDS WITHOUT WEAKENING EXISTING MASONRY, CLEAN BEAM POCKETS OF LOOSE MORTAR, AND BRICK-UP ALL OPEN BEAM HOLES WITH SOUND BRICK AND CEMENT MORTAR. ALL OPENINGS SHALL BE BRICKED UP FLUSH ON THE EXTERIOR SIDE OF THE PARTY WALL. ALL MASONRY THAT IS IN POOR CONDITION SHALL BE POINTED AND PATCHED.
3. REMOVE EXPOSURE 1 MASONRY WALL
   - 3.1. REMOVE MASONRY WALLS BY HAND
     - 3.1.1. UTILIZING A CHIPPING GUN
   - 3.2. FACADES ARE TO BE REMOVED VIA WORKERS ON SCAFFOLDING.

STEP A.2

4. REMOVE STAIRS
   - 4.1. REMOVE STAIRS BY HAND.
   - 4.2. REMOVE TREADS AND STEPS FROM TOP DOWN.
   - 4.3. REMOVE STRINGERS.
5. VIA BOOM LIFT, REMOVE WOOD JOISTS FOR A DISTANCE OF 15 FT MAX AND STOP.
   - 5.1. REMOVE WOOD JOISTS BY HAND.
   - 5.2. PROCEEDING IN DIRECTION SHOWN.
   - 5.3. WOOD JOISTS IN INDEPENDENT WALLS SHALL BE CUT OFF CLOSE TO WALLS, LEAVING STUB END IN-TACT. STUB ENDS SHALL NOT EXCEED 6".
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   - 5.5. REMOVE FRAMING ONE BAY AT A TIME APPROACHING THE COLLAPSED AREA.
   - 5.6. NO PERSONNEL ARE TO BE WITHIN THE CAZ ZONE WHEN REMOVAL OF DAMAGED FRAMING IS OCCURING.
6. REMOVE MASONRY WALLS
   - 6.1. REMOVE MASONRY WALLS BY HAND
     - 6.1.1. UTILIZING A CHIPPING GUN
   - 6.2. MASONRY DEMOLITION NOTES
     - 6.2.1. DO NOT REMOVE MASONRY WALLS SUPPORTING STRUCTURAL MEMBERS
     - 6.2.2. REMOVE MASONRY WALLS FROM TOP DOWN AT 4' MAX. VERTICAL INTERVALS FOR EACH PASS.
     - 6.2.3. MAINTAIN SLOPE OF 1V:1H (45° DEGREES) FROM TOP OF WALL.
     - 6.2.4. MASONRY WALLS SHALL NOT BE ALLOWED TO REMAIN FREESTANDING FOR LENGTHS EXCEEDING 20' OR HEIGHTS EXCEEDING 10'.
     - 6.2.5. REMOVAL OF MASONRY WALLS SHALL BE LIMITED TO PORTIONS NOT EXCEEDING 1'X1'X'1'.
     - 6.2.6. IN NO CASE SHALL MASONRY WALLS BE PUSHED, PULLED OR TOPPLED.
     - 6.2.7. LOOSE DEBRIS SHALL BE PULLED/PUSHED INTO THE BUILDING AND TRANSPORTED TO THE DEBRIS CHUTE.
     - 6.2.8. MASONRY WALL REMOVALS ABOVE THE ACTIVE DEMOLITION FLOOR (TOP FLOOR) SHALL BE COMPLETED BEFORE REMOVAL OF ANY STRUCTURAL MEMBERS BELOW.
       - 6.2.8.1. EXCEPTION: MASONRY WALLS MAY TEMPORARILY REMAIN AT A HEIGHT OF 3'-6" +/- TO SERVE AS PERIMETER GUARDRAIL/BARRIER
   - 6.3. DEBRIS STOCKPILING AGAINST MASONRY WALLS IS STRICTLY PROHIBITED; AND DEBRIS SHALL BE CONTINUOUSLY CLEARED FROM THE FLOOR.
7. REPEAT STEPS 3 AND 4, IN 15' INTERVALS UNTIL REMOVAL OF JOISTS AND WALLS IS COMPLETE.
8. BACKFILL BERM FOUNDATION WALLS WITH PROGRESSION OF DEMOLITION
   - 8.1. CONC. AND MASONRY DEBRIS MAY BE UTILIZED FOR BACKFILL.
   - 8.2. BERM FOUNDATION WALLS AT EXP 1, 2 AND 4.
   - 8.3. DO NOT BLOCK EGRESS STAIRS.
9. REPEAT STEPS 1-6 AFTER THE 3RD FLOOR FRAMING IS REMOVED FOR THE 2ND FLOOR.

HAZARDOUS BUILDING MATERIALS

10. ASBESTOS. ALL ASBESTOS SHALL BE REMOVED FROM THE IMPACTED AREAS PRIOR TO DISTURBANCE. IN SOME CASES THE INITIAL SHORING AND DEMOLITION WORK WILL REQUIRE WORKERS TO BE ALLIED TRADES CERTIFIED (NYSDOL ASBESTOS CERTIFIED) AS WORK IN ASBESTOS CONTAMINATED AREAS, OR INITIAL REMOVALS WILL NEED TO BE HANDLED AS ASBESTOS ABATEMENT WORK.
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NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

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STATE OF NEW YORK · JAMES M. PAPPAYSON · LICENSED PROFESSIONAL ENGINEER · 092183

REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

	10/09/2025	BID DOCUMENT & MTA 02
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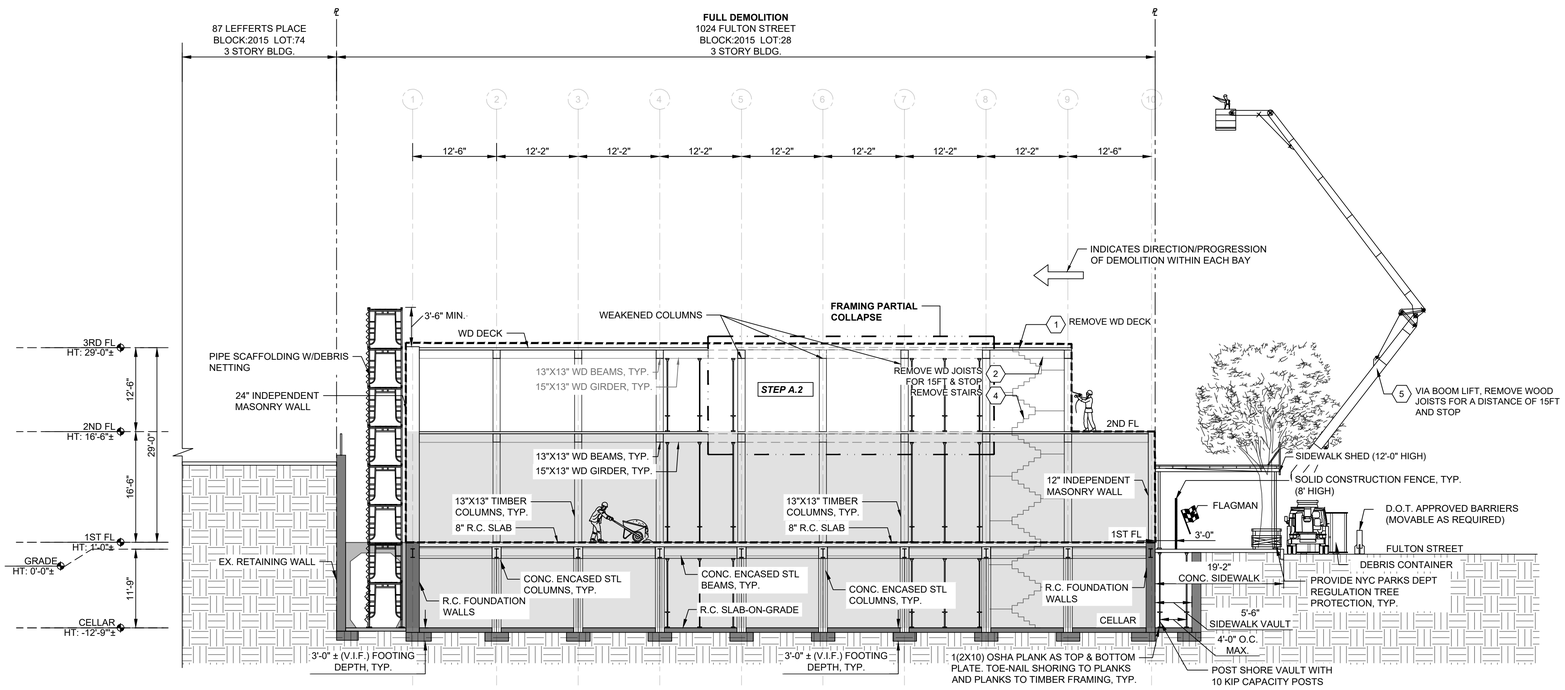
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE: 3RD & 2ND FLOOR DEMO – SECTIONS

DRAWING NUMBER: C–131

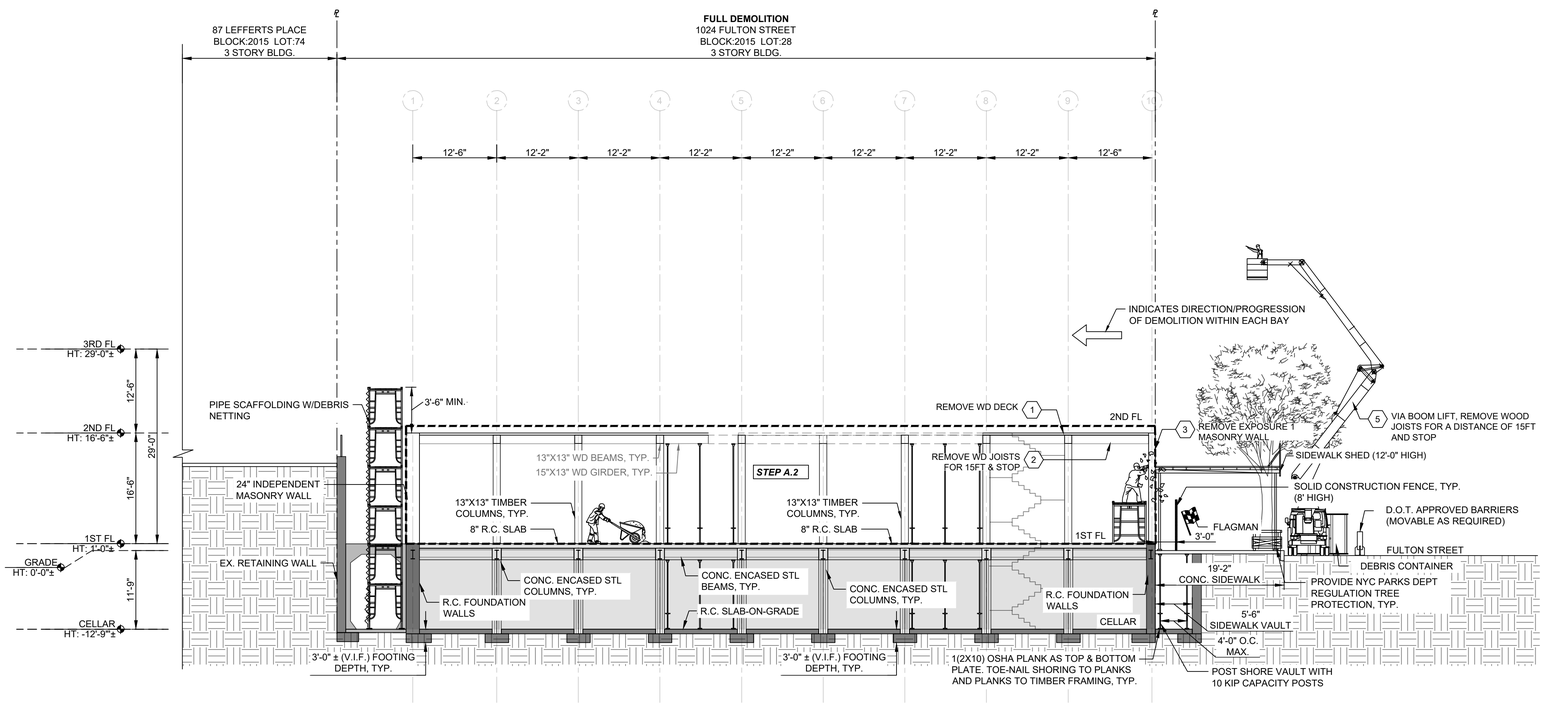
SHEET 28 OF 43

36x24 PLOT SHEET



B 3RD & 2ND FL DEMO SECTION - STEP 2

SCALE: 3/32" = 1'-0"



B 3RD & 2ND FL DEMO SECTION - STEP 3

SCALE: 3/32" = 1'-0"

LEGEND - DEMOLITION

	LIMITS OF DEMOLITION (CURRENT PHASE)
	STRUCTURE TO REMAIN
	STRUCTURE TO BE REMOVED TO INDICATED FLOOR. REFER TO SECTIONS
	STRUCTURE TO BE REMOVED TO GRADE/ 1ST FL.
	BACKFILL
	CONC. SLAB-ON-GRADE
	NO LOAD ZONE
	SHORING TOWER FRAME
	SHORING POST
#	DEMOLITION SEQUENCE STEP. PROCEED IN NUMERICAL ORDER AND DIRECTION SHOWN
	DIRECTION OF DEMOLITION
	FLAG PERSON

DEMOLITION SEQUENCE - 3RD FL TO 2ND FL

PROCEEDING IN THE DIRECTION INDICATED IN THE PLANS, THE CONTRACTOR SHALL REMOVE BY HAND, THE SUPERSTRUCTURE, ONE FLOOR AT A TIME, FROM TOP DOWN, IN THE FOLLOWING SEQUENCE:

STEP A.1
1. REMOVE WOOD DECK
   1.1. REMOVE WOOD DECK BY HAND
2. REMOVE WOOD JOISTS FOR A DISTANCE OF 15 FT MAX AND STOP.
   2.1. REMOVE WOOD JOISTS BY HAND.
   2.2. PROCEEDING IN DIRECTION SHOWN.
   2.3. WOOD JOISTS IN INDEPENDENT WALLS SHALL BE CUT OFF CLOSE TO WALLS, LEAVING STUB END IN-TACT. STUB ENDS SHALL NOT EXCEED 6".
   2.4. IF APPLICABLE, WOOD JOIST IN PARTY WALLS SHALL BE CUT OFF CLOSE TO WALLS, REMOVE STUB ENDS WITHOUT WEAKENING EXISTING MASONRY, CLEAN BEAM POCKETS OF LOOSE MORTAR, AND BRICK-UP ALL OPEN BEAM HOLES WITH SOUND BRICK AND CEMENT MORTAR. ALL OPENINGS SHALL BE BRICKED UP FLUSH ON THE EXTERIOR SIDE OF THE PARTY WALL. ALL MASONRY THAT IS IN POOR CONDITION SHALL BE POINTED AND PATCHED.
3. REMOVE EXPOSURE 1 MASONRY WALL
   3.1. REMOVE MASONRY WALLS BY HAND
      3.1.1. UTILIZING A CHIPPING GUN
   3.2. FACADES ARE TO BE REMOVED VIA WORKERS ON SCAFFOLDING.

STEP A.2
4. REMOVE STAIRS
   4.1. REMOVE STAIRS BY HAND.
   4.2. REMOVE TREADS AND STEPS FROM TOP DOWN.
   4.3. REMOVE STRINGERS.
5. VIA BOOM LIFT, REMOVE WOOD JOISTS FOR A DISTANCE OF 15 FT MAX AND STOP.
   5.1. REMOVE WOOD JOISTS BY HAND.
   5.2. PROCEEDING IN DIRECTION SHOWN.
   5.3. WOOD JOISTS IN INDEPENDENT WALLS SHALL BE CUT OFF CLOSE TO WALLS, LEAVING STUB END IN-TACT. STUB ENDS SHALL NOT EXCEED 6".
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      6.2.1. DO NOT REMOVE MASONRY WALLS SUPPORTING STRUCTURAL MEMBERS
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      6.2.3. MAINTAIN SLOPE OF 1V:1H (45° DEGREES) FROM TOP OF WALL.
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HAZARDOUS BUILDING MATERIALS

10. ASBESTOS. ALL ASBESTOS SHALL BE REMOVED FROM THE IMPACTED AREAS PRIOR TO DISTURBANCE. IN SOME CASES THE INITIAL SHORING AND DEMOLITION WORK WILL REQUIRE WORKERS TO BE ALLIED TRADES CERTIFIED (NYSDOL ASBESTOS CERTIFIED) AS WORK IN ASBESTOS CONTAMINATED AREAS, OR INITIAL REMOVALS WILL NEED TO BE HANDLED AS ASBESTOS ABATEMENT WORK.
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DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

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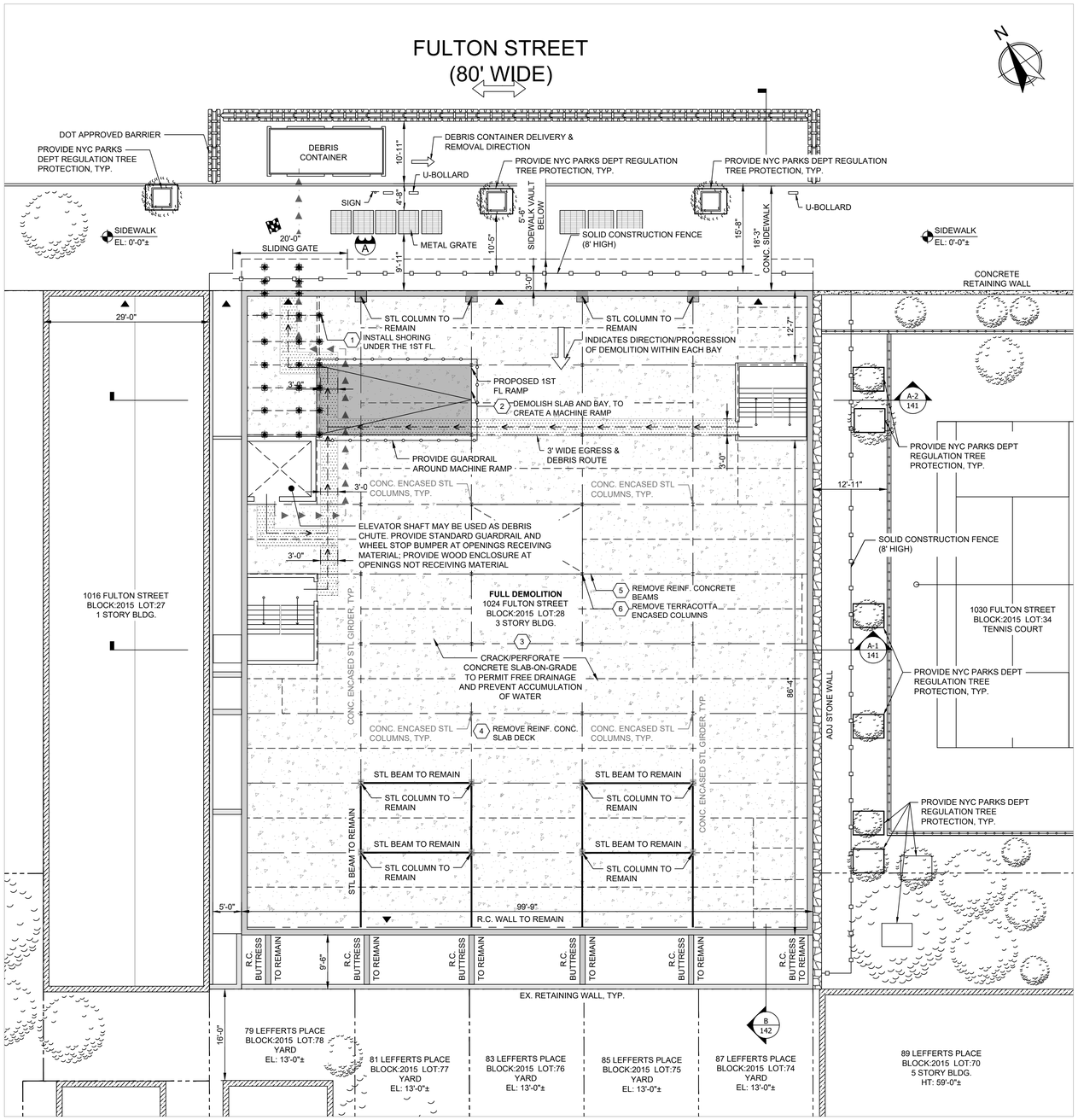
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DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE: 3RD & 2ND FLOOR DEMO – SECTIONS

DRAWING NUMBER: C–132

SHEET 29 OF 43

36x24 PLOT SHEET



1 1ST FL DEMO PLAN
SCALE: 3/32" = 1'-0"

DEMOLITION SEQUENCE - 1ST FL TO CELLAR

1. INSTALL SHORING UNDER THE 1ST FLOOR
   1.1. SEE PLANS FOR LOCATION
2. DEMOLISH SLAB AND BAY, AS SHOWN ON PLANS, TO CREATE A MACHINE RAMP
3. CRACK/PERFORATE CONCRETE SLAB-ON-GRADE TO PERMIT FREE DRAINAGE AND PREVENT ACCUMULATION OF WATER.
4. REMOVE REINF. CONCRETE SLAB DECK
   4.1. BY HAND UTILIZING A HYDRAULIC HAMMER
   4.2. WORKING FROM ROLLING SCAFFOLD AT FLOOR BELOW
   4.3. PROCEED IN A DIRECTION PERPENDICULAR TO CONC. SLAB SPAN DIRECTION
   4.4. REMOVE CONCRETE SLAB
      4.4.1. STEEL REINFORCEMENT SHALL REMAIN INTACT.
      4.4.2. CONCRETE DEBRIS SHALL BE LIMITED TO PORTIONS NOT EXCEEDING 1'X1'X1'.
      4.4.3. CONCRETE DEBRIS SHALL FALL TO FLOOR BELOW.
   4.5. REMOVE STEEL REINF.
      4.5.1. UTILIZING LONG REACH TORCHES
      4.5.2. CUT STEEL REINF. FREE AND LOWER TO FLOOR
5. REMOVE REINF. CONCRETE BEAMS.
   5.1. BY HAND UTILIZING A HYDRAULIC HAMMER
   5.2. WORKING FROM ROLLING SCAFFOLD AT FLOOR BELOW
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      5.3.1. START AT MIDPOINT OF BEAM ND PROCEED TOWARD BEAM ENDS EVENLY.
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      5.4.2. CUT STEEL REINF. FREE AT ONE END AND LOWER; THEN CUT AT OTHER END AND LOWER.
6. REMOVE TERRACOTTA ENCASED COLUMNS
   6.1. BY HAND UTILIZING A HYDRAULIC HAMMER
   6.2. WORKING FROM ROLLING SCAFFOLD AT FLOOR BELOW
   6.3. REMOVE CONCRETE
      6.3.1. START AT TOP OF COLUMN AND PROCEED DOWN TO BOTTOM OF COLUMN.
      6.3.2. CONCRETE DEBRIS SHALL BE LIMITED TO PORTIONS NOT EXCEEDING 1'X1'X1'.
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   6.4. REMOVE STEEL REINF.
      6.4.1. UTILIZING LONG REACH TORCHES
7. BERM & BACKFILL
   7.1. FULLY BACKFILL SIDEWALK VAULT PRIOR TO OPERATING MACHINE OVER/NEAR VAULT.
   7.2. PROVIDE 1V:1H BERM ALONG FOUNDATION WALLS, PRIOR TO REMOVAL OF 1ST FLOOR JOISTS
   7.3. PROVIDE 1V:1.5H BERM AT FRONT/REAR FOUNDATION WALL, PRIOR TO APPROACHING WITH MACHINE.
   7.4. CONTRUCT A 1V:3H BERM AT FRONT/REAR FOUNDATION WALLS W/ PROGRESSION OF 1ST FL REMOVAL
8. REPEAT STEPS 4 THOUGH 6 UNTIL REMOVAL OF 1ST FLOOR FRAMING IS COMPLETE.
9. BERM & BACKFILL & GRADE SITE
   9.1. CONSTRUCT EARTHEN RAMP INTO THE CELLAR AT MINIMUM 1V:4H SLOPE

HAZARDOUS BUILDING MATERIALS

10. ASBESTOS. ALL ASBESTOS SHALL BE REMOVED FROM THE IMPACTED AREAS PRIOR TO DISTURBANCE. IN SOME CASES THE INITIAL SHORING AND DEMOLITION WORK WILL REQUIRE WORKERS TO BE ALLIED TRADES CERTIFIED (NYSDOL ASBESTOS CERTIFIED) AS WORK IN ASBESTOS CONTAMINATED AREAS, OR INITIAL REMOVALS WILL NEED TO BE HANDLED AS ASBESTOS ABATEMENT WORK.
11. LEAD-BASED/LEAD-CONTAINING PAINT. ASSUME ALL PAINTED SURFACE CONTAIN LEAD. ALL WORK DISTURBING PAINTED SURFACES MUST BE COMPLETED IN ACCORDANCE WITH 29 CFR 1926.62 - OSHA LEAD IN CONSTRUCTION STANDARD.

LEGEND - DEMOLITION

	LIMITS OF DEMOLITION (CURRENT PHASE)
	STRUCTURE TO REMAIN
	STRUCTURE TO BE REMOVED TO INDICATED FLOOR. REFER TO SECTIONS
	STRUCTURE TO BE REMOVED TO GRADE/ 1ST FL.
	BACKFILL
	CONC. SLAB-ON-GRADE
	NO LOAD ZONE
	SHORING TOWER FRAME
	SHORING POST
#	DEMOLITION SEQUENCE STEP. PROCEED IN NUMERICAL ORDER AND DIRECTION SHOWN
	DIRECTION OF DEMOLITION
	FLAG PERSON

NEW YORK STATE OF OPPORTUNITY. Office of General Services
DESIGN & CONSTRUCTION

CONSULTANT
CERTIFICATE OF AUTHORIZATION No.: 0115759
ANCORA
Engineering + Architecture

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STATE OF NEW YORK · JAMES M PAPPAGEORGE · LICENSED PROFESSIONAL ENGINEER · 092183
REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING
JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET
BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	10/09/2025	BID DOCUMENT & MTA 02

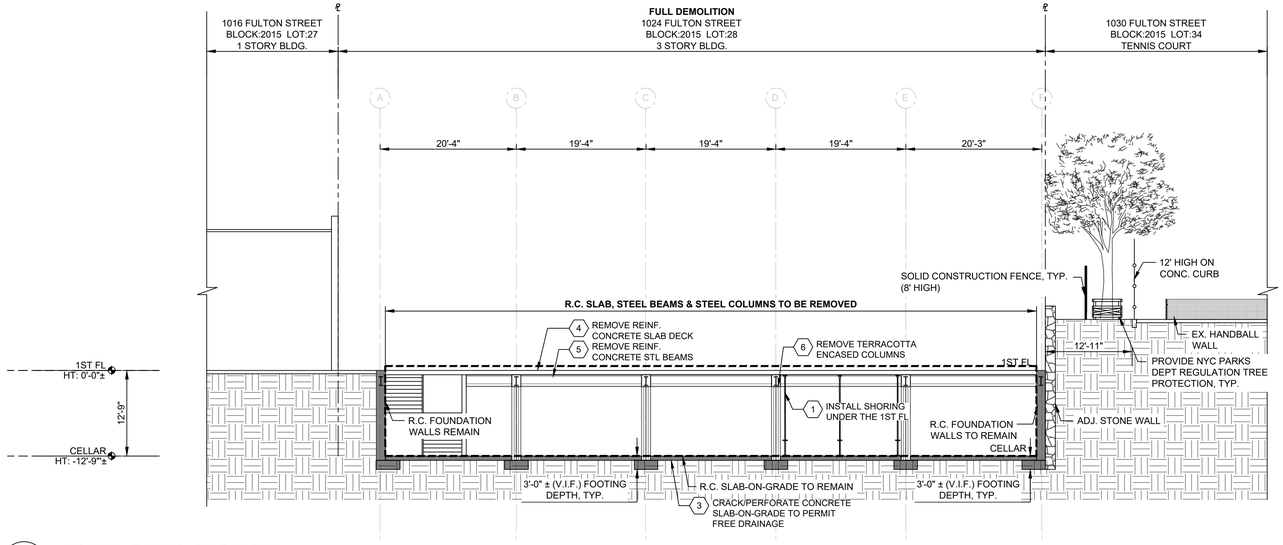
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE:
1ST FLOOR DEMO – PLAN

DRAWING NUMBER:
C–140

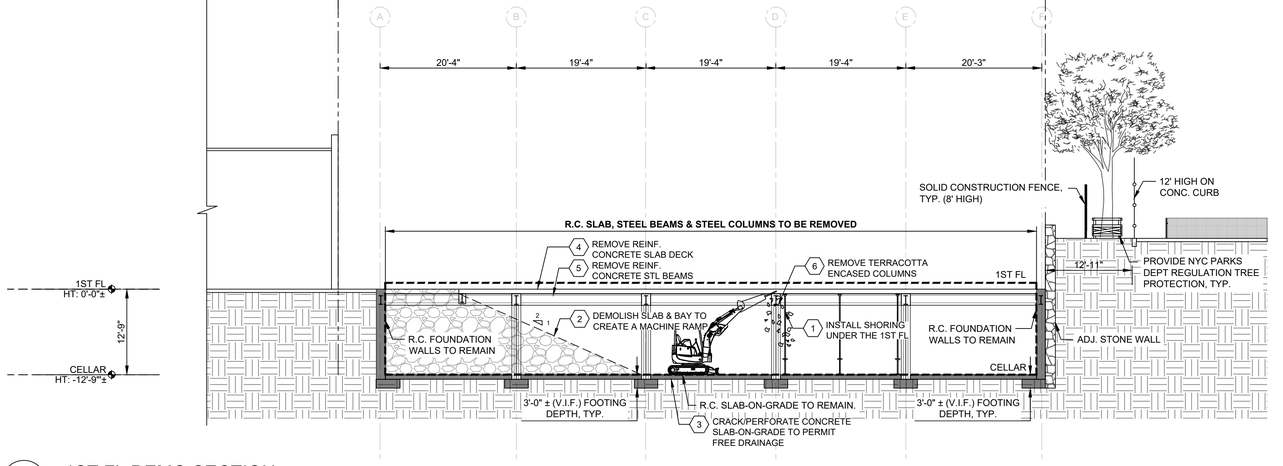
SHEET 30 OF 43

36x24 PLOT SHEET



A.1 1ST FL DEMO SECTION

SCALE: 3/32" = 1'-0"



A.2 1ST FL DEMO SECTION

SCALE: 3/32" = 1'-0"

LEGEND - DEMOLITION

	LIMITS OF DEMOLITION (CURRENT PHASE)
	STRUCTURE TO REMAIN
	STRUCTURE TO BE REMOVED TO INDICATED FLOOR. REFER TO SECTIONS
	STRUCTURE TO BE REMOVED TO GRADE/ 1ST FL.
	BACKFILL
	CONC. SLAB-ON-GRADE
	NO LOAD ZONE
	SHORING TOWER FRAME
	SHORING POST
#	DEMOLITION SEQUENCE STEP. PROCEED IN NUMERICAL ORDER AND DIRECTION SHOWN
	DIRECTION OF DEMOLITION
	FLAG PERSON

DEMOLITION SEQUENCE - 1ST FL TO CELLAR

1. INSTALL SHORING UNDER THE 1ST FLOOR
   1.1. SEE PLANS FOR LOCATION
2. DEMOLISH SLAB AND BAY, AS SHOWN ON PLANS, TO CREATE A MACHINE RAMP
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4. REMOVE REINF. CONCRETE SLAB DECK
   4.1.BY HAND UTILIZING A HYDRAULIC HAMMER
   4.2.WORKING FROM ROLLING SCAFFOLD AT FLOOR BELOW
   4.3.PROCEED IN A DIRECTION PERPENDICULAR TO CONC. SLAB SPAN DIRECTION
   4.4.REMOVE CONCRETE SLAB
      4.4.1. STEEL REINFORCEMENT SHALL REMAIN INTACT.
      4.4.2. CONCRETE DEBRIS SHALL BE LIMITED TO PORTIONS NOT EXCEEDING 1'X1'X'1'.
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HAZARDOUS BUILDING MATERIALS

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NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

ANCORA

Engineering + Architecture

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STATE OF NEW YORK · JAMES M PAPPAS · LICENSED PROFESSIONAL ENGINEER · 092183

REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

	10/09/2025	BID DOCUMENT & MTA 02
MARK	DATE	DESCRIPTION

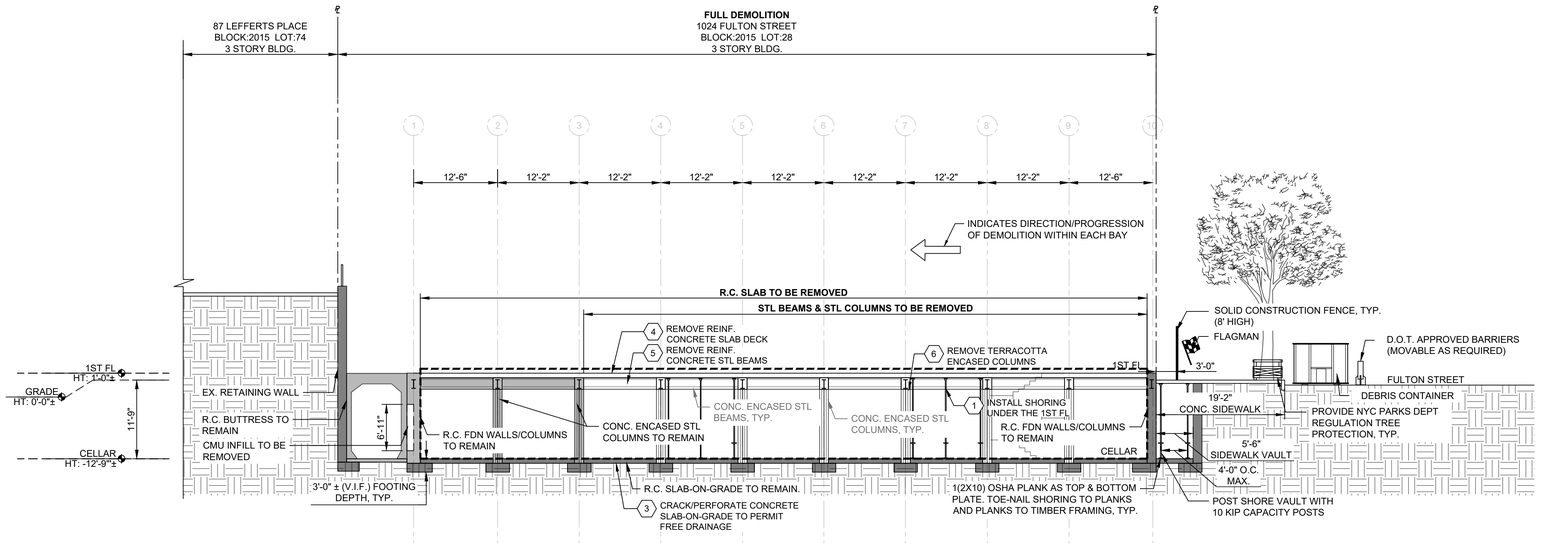
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE: 1ST FLOOR DEMO – SECTIONS

DRAWING NUMBER: C–141

SHEET 31 OF 43

36x24 PLOT SHEET



B 1ST FL DEMO SECTION
SCALE: 3/32" = 1'-0"

LEGEND - DEMOLITION

- LIMITS OF DEMOLITION (CURRENT PHASE)
- STRUCTURE TO REMAIN
- STRUCTURE TO BE REMOVED TO INDICATED FLOOR. REFER TO SECTIONS
- STRUCTURE TO BE REMOVED TO GRADE/ 1ST FL.
- BACKFILL
- CONC. SLAB-ON-GRADE
- NO LOAD ZONE
- SHORING TOWER FRAME
- SHORING POST
- DEMOLITION SEQUENCE STEP. PROCEED IN NUMERICAL ORDER AND DIRECTION SHOWN
- DIRECTION OF DEMOLITION
- FLAG PERSON

DEMOLITION SEQUENCE - 1ST FL TO CELLAR

1. INSTALL SHORING UNDER THE 1ST FLOOR
   1.1. SEE PLANS FOR LOCATION
2. DEMOLISH SLAB AND BAY, AS SHOWN ON PLANS, TO CREATE A MACHINE RAMP
3. CRACK/PERFORATE CONCRETE SLAB-ON-GRADE TO PERMIT FREE DRAINAGE AND PREVENT ACCUMULATION OF WATER.
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HAZARDOUS BUILDING MATERIALS

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DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

ANCORA
Engineering + Architecture

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STATE OF NEW YORK · JAMES M PAPPAYSON · LICENSED PROFESSIONAL ENGINEER · 092183

REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
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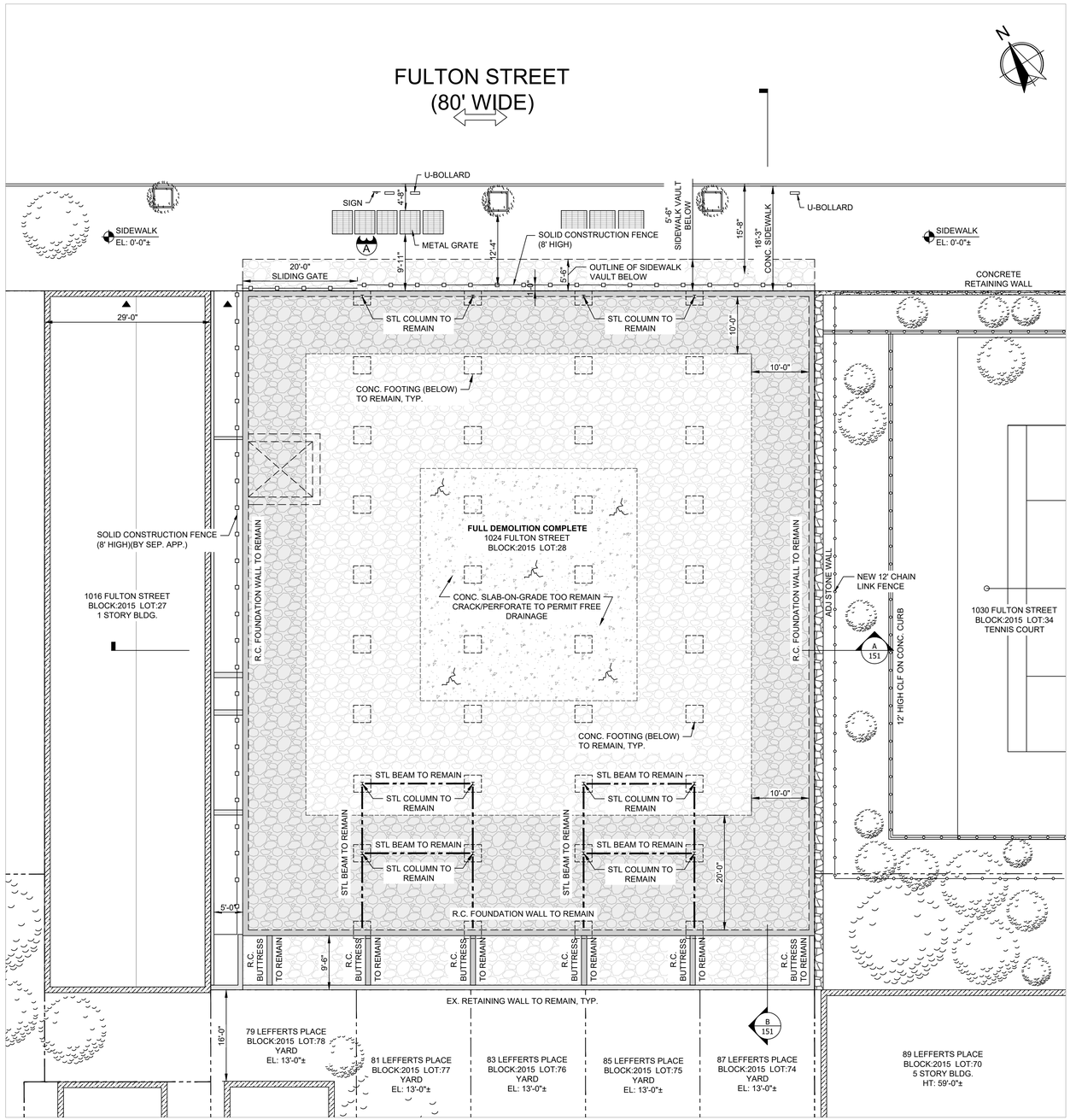
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE: 1ST FLOOR DEMO – SECTIONS

DRAWING NUMBER: C–142

SHEET 32 OF 43

36x24 PLOT SHEET



1 FINAL CONDITIONS PLAN
SCALE: 3/32" = 1'-0"

FINAL CONDITION

1. FOUNDATION STRUCTURE(S) LEFT-IN-PLACE
   - 1.1. CONCRETE SLAB-ON-GRADE
   - 1.2. BELOW GRADE FOOTINGS
   - 1.3. FOUNDATION WALLS BELOW GRADE/CURB LEVEL
   - 1.4. SIDEWALK VAULT
2. BACKFILL REQUIREMENTS
   - 2.1. PROVIDE A FINAL, 1V:1.5H BERMS AS SHOWN
   - 2.2. PROVIDE GUARDRAIL OR SOLID ENCLOSURE, AT LEAST 3 FT 6 IN HIGH, AT LEADING EDGES 6 FT OR GREATER IN DEPTH; AND AT TOP OF BERMS WITH SLOPES STEEPER THAN 1V:3H.
   - 2.3. CONSTRUCT 1V:2H FULL HEIGHT AGAINST PERIMETER FOUNDATION WALLS PRIOR TO OPERATING MECHANICAL EQUIPMENT ALONG UN-BRACED FOUNDATION WALLS.
   - 2.4. EARTH RAMPS ARE OPTIONAL. WHERE PROVIDED, EARTH RAMPS SHALL HAVE A SLOPE 1V:4H RAMP AND SHALL CONFORM TO ALL REQUIREMENTS OF NYC BC SECTION 3315. NO SHEETING, SHORING OR BRACING OF RAMPS IS REQUIRED. EARTH RAMPS SHALL NOT BE INSTALLED AGAINST ADJOINING FOUNDATION WALLS.
   - 2.5. BACKFILL SHALL BE COMPRISED OF CONCRETE/MASONRY DEMOLITION DEBRIS (FREE OF ORGANIC MATERIAL) AND/OR CLEAN SOIL
3. SITE DRAINAGE
   - 3.1. GRADE TO MATCH EXISTING CONTOURS, DRAIN THE LOT, ELIMINATE POCKETS IN THE FILL AND PREVENT THE ACCUMULATION OF WATER.
   - 3.2. PRIOR TO BACKFILL, THE CONTRACTOR MUST CRACK/PERFORATE THE CONCRETE SLAB-ON-GRADE TO PERMIT FREE DRAINAGE AND PREVENT THE ACCUMULATION OF WATER.
4. EGRESS
   - 4.1. UPON THE REMOVAL OF STAIRS, PROVIDE TWO EGRESS LADDERS FROM CELLAR TO GRADE AT ALL TIMES, LOCATION SUBJECT TO CHANGE.
5. CONSTRUCTION FENCE
   - 5.1. DOT APPROVAL SHALL BE ACQUIRED FOR FENCES ENCROACHING ONTO THE SIDEWALK MORE THAN 3 FT FROM LOT LINE.

LEGEND - FINAL CONDITION

A	CONSTRUCTION SIGNAGE
	SOLID CONSTRUCTION FENCE
x	CHAIN LINK FENCE
	GUARDRAIL
	DEBRIS NETTING
	STRUCTURE TO REMAIN
	BACKFILL
	CONC. SLAB-ON-GRADE
	CRACKED CONC. SLAB-ON-GRADE
	EGRESS LADDER

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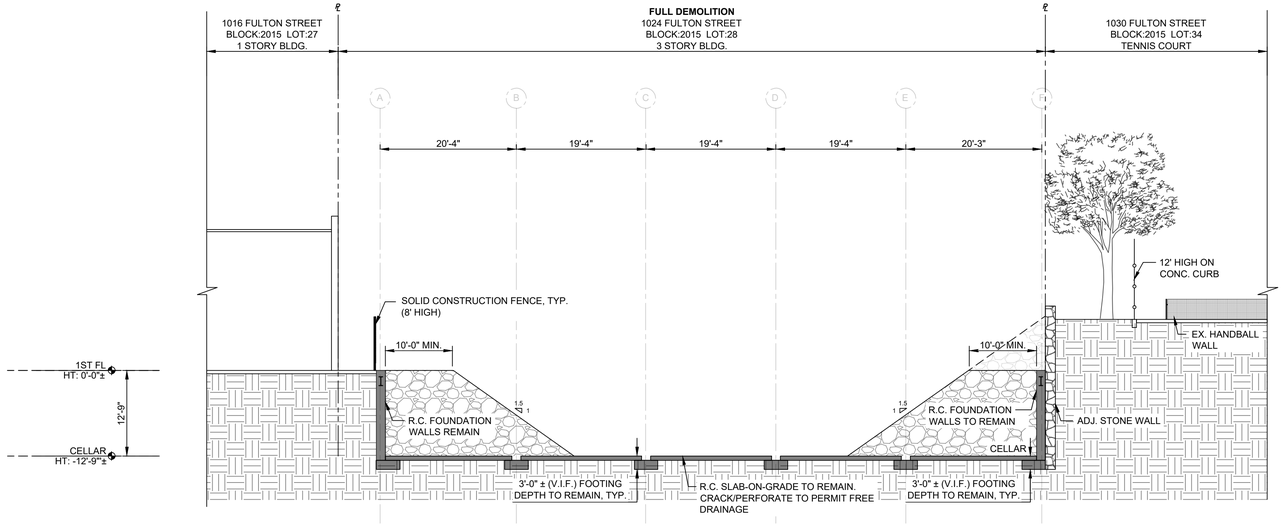
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SHEET TITLE:
FINAL CONDITIONS – PLAN

DRAWING NUMBER:
C–150

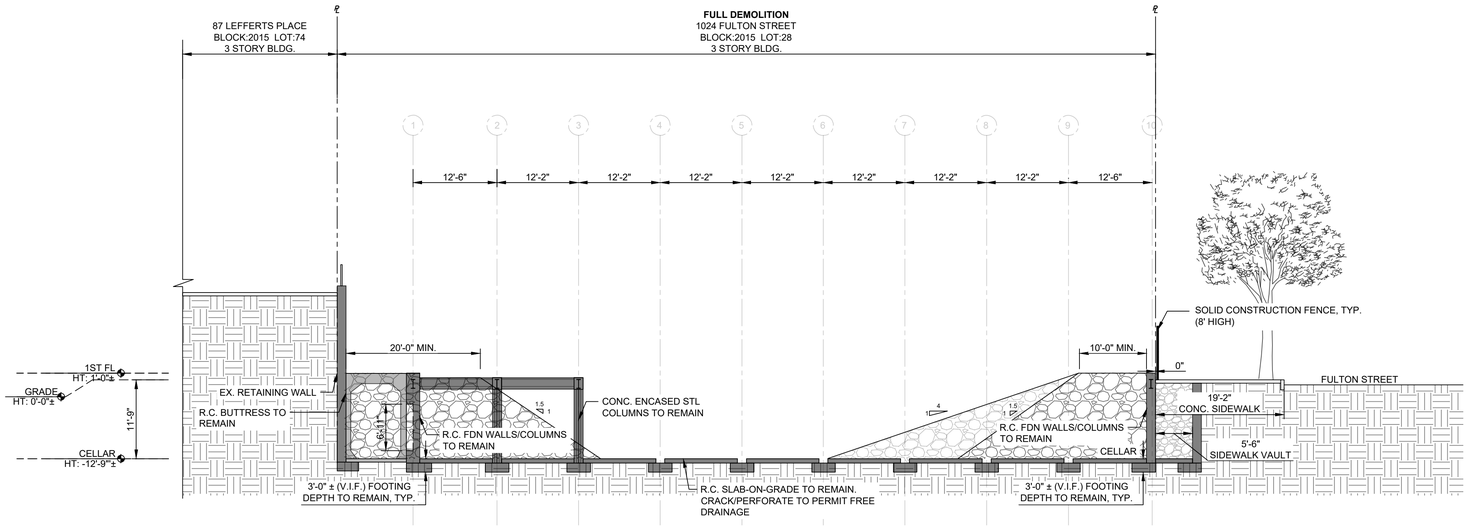
SHEET 33 OF 43

36x24 PLOT SHEET



A FINAL CONDITIONS SECTION

SCALE: 3/32" = 1'-0"



B FINAL CONDITIONS SECTION

SCALE: 3/32" = 1'-0"

LEGEND - DEMOLITION

	LIMITS OF DEMOLITION (CURRENT PHASE)
	STRUCTURE TO REMAIN
	STRUCTURE TO BE REMOVED TO INDICATED FLOOR REFER TO SECTIONS
	STRUCTURE TO BE REMOVED TO GRADE/ 1ST FL.
	BACKFILL
	CONC. SLAB-ON-GRADE
	NO LOAD ZONE
	SHORING TOWER FRAME
	SHORING POST
#	DEMOLITION SEQUENCE STEP- PROCEED IN NUMERICAL ORDER AND DIRECTION SHOWN
	DIRECTION OF DEMOLITION
	FLAG PERSON

FINAL CONDITION

1. FOUNDATION STRUCTURE(S) LEFT-IN-PLACE
   - 1.1. CONCRETE SLAB-ON-GRADE
   - 1.2. BELOW GRADE FOOTINGS
   - 1.3. FOUNDATION WALLS BELOW GRADE/CURB LEVEL
   - 1.4. SIDEWALK VAULT
2. BACKFILL REQUIREMENTS
   - 2.1. PROVIDE A FINAL, 1V:1.5H BERMS AS SHOWN
   - 2.2. PROVIDE GUARDRAIL OR SOLID ENCLOSURE, AT LEAST 3 FT 6 IN HIGH, AT LEADING EDGES 6 FT OR GREATER IN DEPTH; AND AT TOP OF BERMS WITH SLOPES STEEPER THAN 1V:3H.
   - 2.3. CONSTRUCT 1V:2H FULL HEIGHT AGAINST PERIMETER FOUNDATION WALLS PRIOR TO OPERATING MECHANICAL EQUIPMENT ALONG UN-BRACED FOUNDATION WALLS.
   - 2.4. EARTH RAMPS ARE OPTIONAL. WHERE PROVIDED, EARTH RAMPS SHALL HAVE A SLOPE 1V:4H RAMP AND SHALL CONFORM TO ALL REQUIREMENTS OF NYC BC SECTION 3315. NO SHEETING, SHORING OR BRACING OF RAMPS IS REQUIRED. EARTH RAMPS SHALL NOT BE INSTALLED AGAINST ADJOINING FOUNDATION WALLS.
   - 2.5. BACKFILL SHALL BE COMPRISED OF CONCRETE/MASONRY DEMOLITION DEBRIS (FREE OF ORGANIC MATERIAL) AND/OR CLEAN SOIL
3. SITE DRAINAGE
   - 3.1. GRADE TO MATCH EXISTING CONTOURS, DRAIN THE LOT, ELIMINATE POCKETS IN THE FILL AND PREVENT THE ACCUMULATION OF WATER.
   - 3.2. PRIOR TO BACKFILL, THE CONTRACTOR MUST CRACK/PERFORATE THE CONCRETE SLAB-ON-GRADE TO PERMIT FREE DRAINAGE AND PREVENT THE ACCUMULATION OF WATER.
4. EGRESS
   - 4.1. UPON THE REMOVAL OF STAIRS, PROVIDE TWO EGRESS LADDERS FROM CELLAR TO GRADE AT ALL TIMES, LOCATION SUBJECT TO CHANGE.
5. CONSTRUCTION FENCE
   - 5.1. DOT APPROVAL SHALL BE ACQUIRED FOR FENCES ENCROACHING ONTO THE SIDEWALK MORE THAN 3 FT FROM LOT LINE.

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

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STATE OF NEW YORK · JAMES M PAPPAS · LICENSED PROFESSIONAL ENGINEER · 092183

REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING
JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET
BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	10/09/2025	BID DOCUMENT & MTA 02

PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

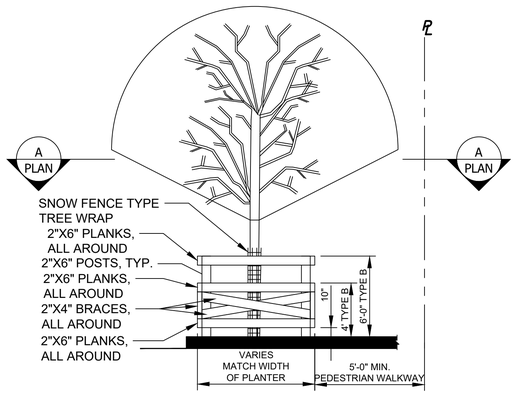
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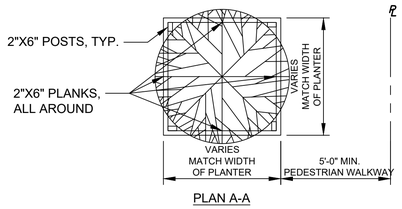
FINAL CONDITIONS – SECTIONS

DRAWING NUMBER: C–151

SHEET 34 OF 43

36x24 PLOT SHEET



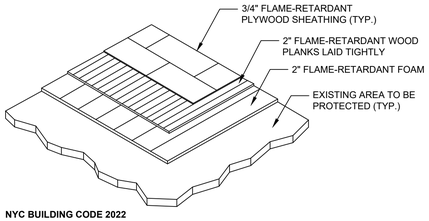


PLAN A-A

1 TREE PROTECTION

Scale: N.T.S.

NOTE:
5'-0" MINIMUM PEDESTRIAN WALKWAY SHALL BE MAINTAINED AT ALL TIMES BETWEEN TREE PROTECTION AND BUILDING LINE, PROPERTY LINE OR OTHER SIDEWALK OBSTRUCTIONS, .E.G, LIGHT POSTS, STREET SIGNS, FIRE HYDRANTS, ETC.

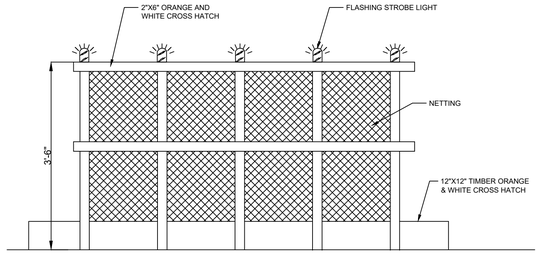


NYC BUILDING CODE 2022

3309.10 PROTECTION OF ROOFS. WHENEVER ANY BUILDING IS TO BE CONSTRUCTED OR DEMOLISHED ABOVE THE ROOF OF AN ADJOINING BUILDING, IT SHALL BE THE DUTY OF THE PERSON CAUSING SUCH WORK TO PROTECT FROM DAMAGE AT ALL TIMES DURING THE COURSE OF SUCH WORK AND AT HIS OR HER OWN EXPENSE THE ROOF, SKYLIGHTS, OTHER ROOF OUTLETS, AND EQUIPMENT LOCATED ON THE ROOF OF THE ADJOINING BUILDING, AND TO USE EVERY REASONABLE MEANS TO AVOID INTERFERENCE WITH THE USE OF THE ADJOINING BUILDING DURING THE COURSE OF SUCH WORK, PROVIDED SUCH PERSON CAUSING SUCH WORK IS AFFORDED A LICENSE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 3309.2 TO ENTER AND INSPECT THE ADJOINING BUILDING AND PERFORM SUCH WORK THEREON AS MAY BE NECESSARY FOR SUCH PURPOSE; OTHERWISE, THE DUTY OF PROTECTING THE ROOF, SKYLIGHTS, OTHER ROOF OUTLETS, AND EQUIPMENT ON THE ROOF OF THE ADJOINING BUILDING SHALL DEVOLVE UPON THE OWNER OF SUCH ADJOINING BUILDING. ADJOINING ROOF PROTECTION SHALL BE SECURED TO PREVENT DISLODGEMENT BY WIND. WHERE CONSTRUCTION OR DEMOLITION WORK OCCURS AT A HEIGHT OF AT LEAST 48 INCHES (1219 MM) ABOVE THE LEVEL OF THE ADJOINING ROOF, ADJOINING ROOF PROTECTION SHALL CONSIST OF 2 INCHES (51 MM) OF FLAME-RETARDANT FOAM UNDER 2 INCHES (51 MM) OF FLAME-RETARDANT WOOD PLANK LAID TIGHT AND COVERED BY FLAME-RETARDANT PLYWOOD, OR SHALL CONSIST OF EQUIVALENT PROTECTION ACCEPTABLE TO THE COMMISSIONER, AND SHALL COVER ALL AREAS OF THE ADJOINING ROOF THAT ARE WITHIN A HORIZONTAL DISTANCE FROM THE BUILDING BEING CONSTRUCTED OR DEMOLISHED EQUAL TO THE HEIGHT OF THE HIGHEST WORKING LEVEL OF THE BUILDING BEING CONSTRUCTED OR DEMOLISHED, TO A MAXIMUM OF 20 FEET (6096 MM), OR TO A GREATER MAXIMUM WHEN ORDERED BY THE COMMISSIONER DUE TO A UNIQUE HAZARD AT THE SITE.

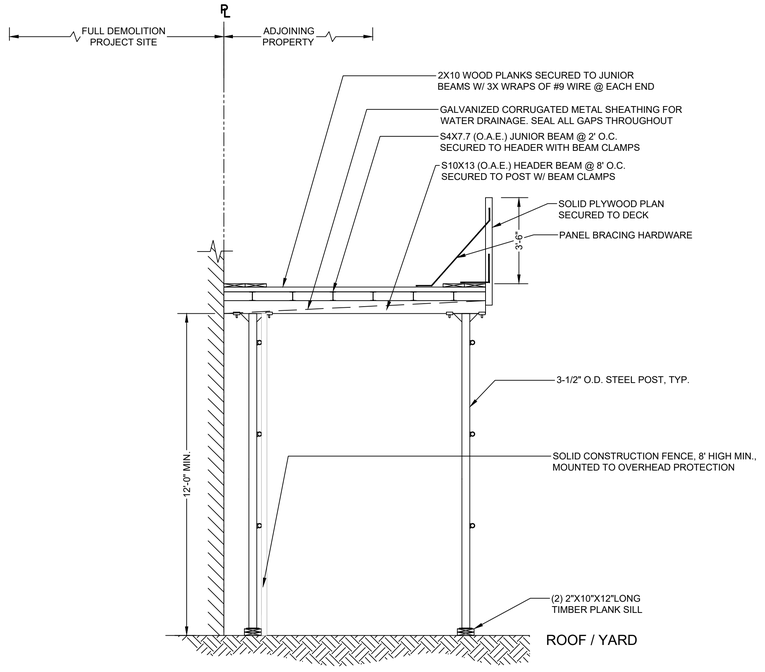
2 ROOF PROTECTION

Scale: N.T.S.



3 D.O.T. APPROVED BARRIERS

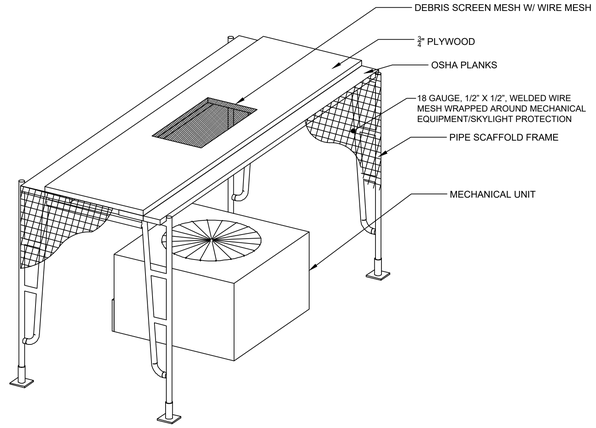
Scale: N.T.S.



1. DESIGN OF FENCE, SCAFFOLD, AND SIDEWALK SHED/OVERHEAD PROTECTION ARE PROVIDED FOR REFENCE ONLY; AND SHALL BE FILED BY SEP. APP.

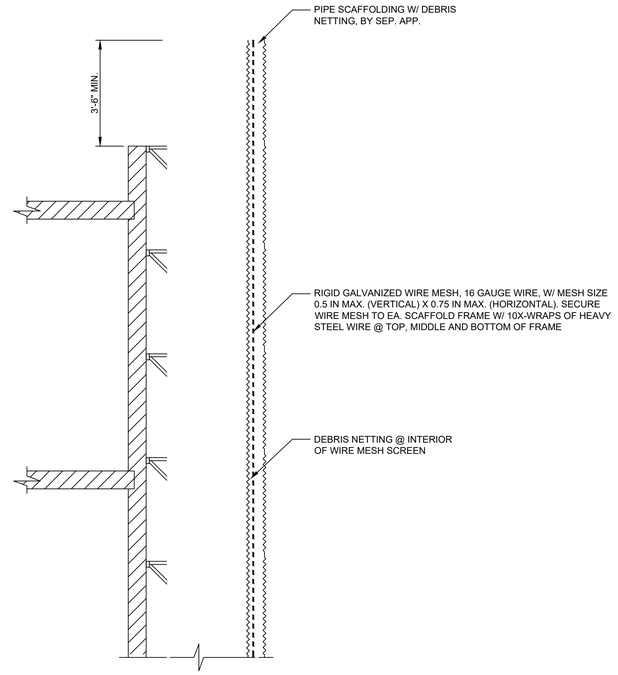
5 OVERHEAD PROTECTION AT ADJOINING PROPERTY

Scale: N.T.S.



4 MECHANICAL EQUIPMENT/SKYLIGHT PROTECTION DETAIL

Scale: N.T.S.



6 ENGINEERED ENCLOSURE SYSTEM

Scale: N.T.S.

NOTES:

1. A SITE SPECIFIC ENGINEERED ENCLOSURE SYSTEM MAY BE UTILIZED IN ACCORDANCE WITH NYC BC 3309.10 / EXCEPTION 1; 3309.13 / EXCEPTION 2. THE ENGINEERED ENCLOSURE SYSTEM SHALL MEET THE REQUIREMENTS OF 3309.17. THE SYSTEM SHALL COVER ALL AREAS ALONG THE EXPOSURE WHERE WORK IS OCCURRING ALONG THE ADJOINING PROPERTY FOR WHICH THE SYSTEM IS BEING UTILIZED TO PROTECT.
2. ENGINEERED ENCLOSURE SYSTEMS IS SHOWN HERE FOR REFERENCE ONLY. THE SYSTEM SHALL BE FILED BY SEPARATE PERMIT APPLICATION. THE SYSTEM MUST BE INCORPORATED INTO THE SUPPORTED SCAFFOLD SYSTEM DESIGN AND MUST MEET ALL TEMPORARY LOAD REQUIREMENTS, INCLUDING BUT NOT LIMITED TO WIND, AS PER NYC BC CHAPTER 16.
3. THE ENGINEERED ENCLOSURE SYSTEM SHALL BE INSTALLED, INSPECTED, REPAIRED, MAINTAINED, ADJUSTED, USED AND REMOVED AS INDICATED ON THE PLANS FOR THE ENGINEERED ENCLOSURE SYSTEM. INSPECTIONS SHALL BE PERFORMED, AT A MINIMUM, FOLLOWING EACH INSTALLATION OR REINSTALLATION, EACH DAY WHILE IN USE; PERIODICALLY WHILE NOT IN USE, PRIOR TO FORECASTED INCLEMENT WEATHER EVENTS, AND SUBSEQUENT TO INCLEMENT WEATHER EVENTS.

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

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STATE OF NEW YORK · JAMES M FAZIO · 092183 · LICENSED PROFESSIONAL ENGINEER

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FIELD CHECK:	SS
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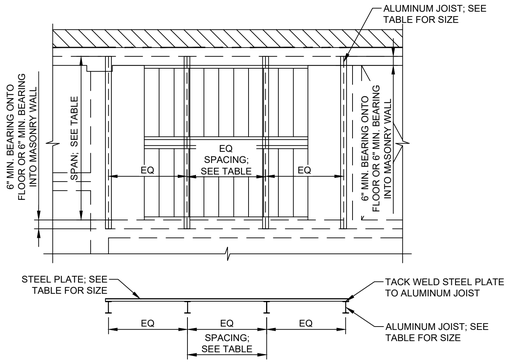
SHEET TITLE:

PROTECTION DETAILS I

DRAWING NUMBER: C–500

SHEET 35 OF 43

36x24 PLOT SHEET



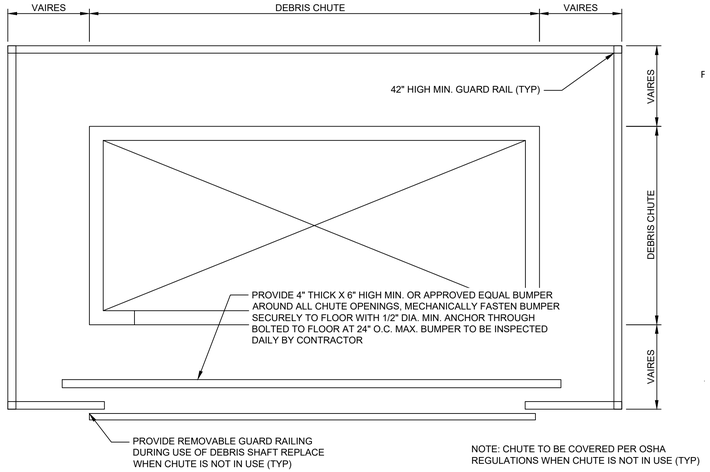
1A PROTECTION PLATFORM - ALUMINUM JOISTS & STEEL PLATE

Scale: N.T.S.

ALUMINUM JOIST DEPTH (IN)	MAX. SPAN ALUM. JOIST (FT)	MAX. SPACING ALUM. JOIST (FT)	MIN. STEEL PLATE THICKNESS (IN)
6.5	15	1.5	1/8
	14	2	1/8
	13	2.5	1/8
	12	3.5	3/16
	11	4.5	1/4
	10	5	5/16
7.5	18	1.5	1/8
	16	2	1/8
	15	2.5	1/8
	13	3.5	3/16
	12	4.5	1/4
	11	5	5/16

NOTES:
1. REFER TO TABLE FOR MAX. SPAN AND SPACING
2. PROVIDE STAIR PROTECTION AT FLOOR OF ACTIVE DEMOLITION.
3. STEEL PLATE TO BE ASTM A36 (Fy = 36ksi)
4. NO MATERIAL / TOOLS / DEBRIS STORAGE ALLOWED. ALL DEBRIS SHALL BE IMMEDIATELY CLEARED OFF OF STAIR PROTECTION.
5. NO MECHANICAL EQUIPMENT USE PERMITTED ON STAIR PROTECTION.

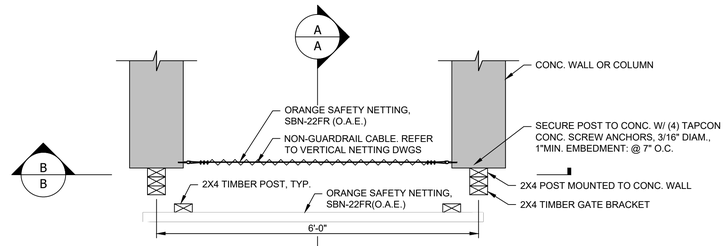
PLYWOOD TYPE	MAX. SPACING OF WOOD JOISTS (IN.)	PLYWOOD SPAN RATING	MAX. SPAN OF WOOD JOISTS (FT)	WOOD JOIST SIZE (NOMINAL)
SHEATHING & STRUCTURAL I SHEATHING	16	24/0	7	2x4
			11	2x6
			14	2x8
			17	2x10
			20	2x12
	24	32/16	7	2x4
			11	2x6
			14	2x8
			17	2x10
			20	2x12
	36	40/20	7	2x4
			11	2x6
			14	2x8
			17	2x10
			20	2x12
	40	48/24	7	2x4
			11	2x6
			14	2x8
			17	2x10
			20	2x12



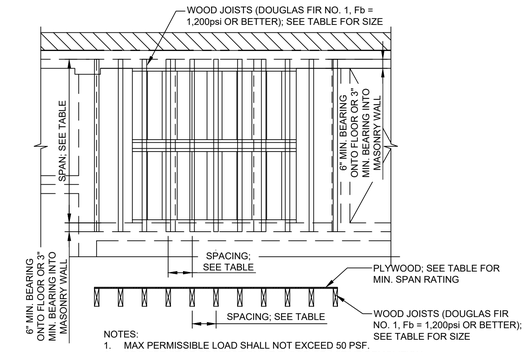
NOTE: CHUTE TO BE COVERED PER OSHA REGULATIONS WHEN CHUTE IS NOT IN USE (TYP)

2 DEBRIS SHAFT ENCLOSURE PLAN DETAIL

Scale: N.T.S.



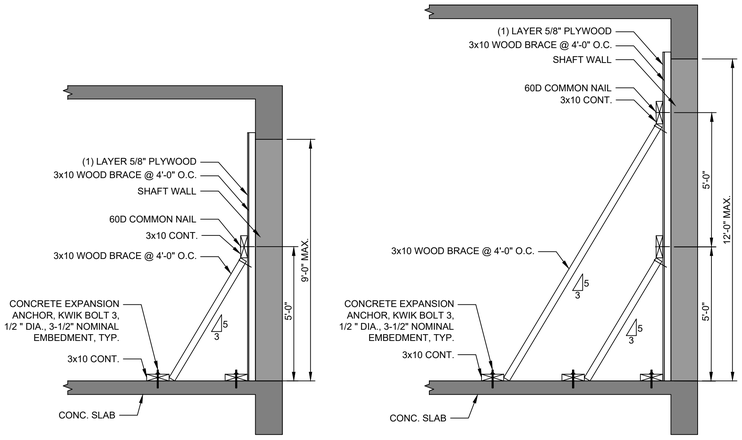
PARTIAL PLAN



NOTES:
1. MAX PERMISSIBLE LOAD SHALL NOT EXCEED 50 PSF.
2. PROVIDE STAIR PROTECTION AT FLOOR OF ACTIVE DEMOLITION.
3. WOOD JOISTS SHALL BE (DOUGLAS FIR NO. 1, Fb = 1,200psi OR BETTER)
4. NO MATERIAL / TOOLS / DEBRIS STORAGE ALLOWED. ALL DEBRIS SHALL BE IMMEDIATELY CLEARED OFF OF STAIR PROTECTION.
5. NO MECHANICAL EQUIPMENT USE PERMITTED ON STAIR PROTECTION.

1B PROTECTION PLATFORM - WOOD JOISTS & PLYWOOD

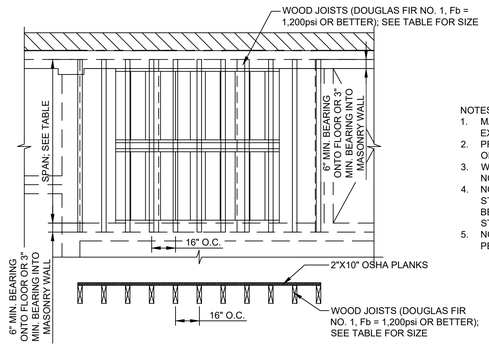
Scale: N.T.S.



1. SHAFT WALL REINFORCEMENT SHALL BE INSTALLED TO REINFORCE LIGHT CONSTRUCTION SHAFT WALLS DURING USE OF DEBRIS CHUTE
2. CONCRETE EXPANSION ANCHORS SHALL BE INSTALLED PER MANUFACTURER INSTALLATION INSTRUCTIONS AND SPECIFICATIONS.

3 SHAFT WALL REINFORCEMENT

Scale: N.T.S.

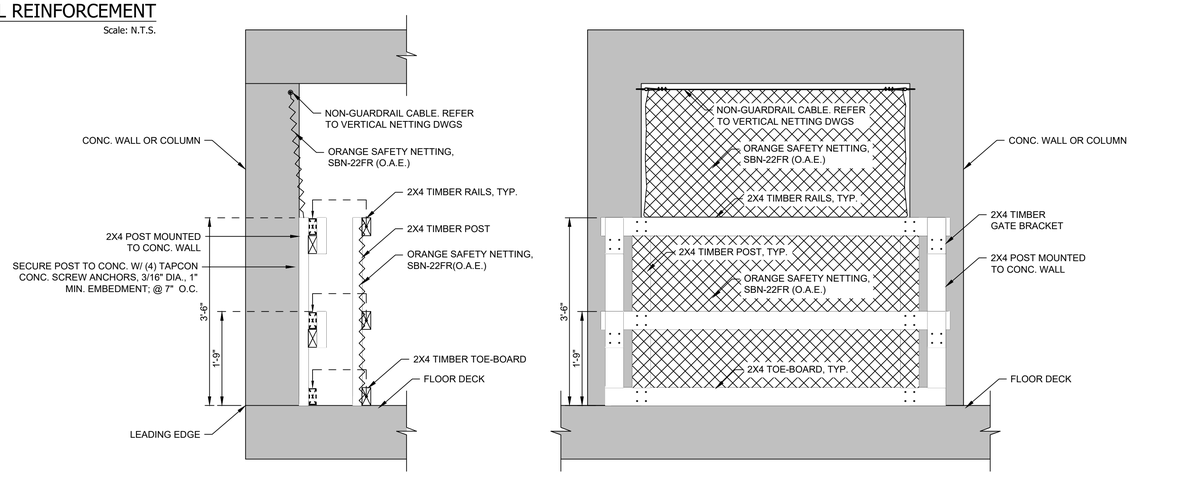


MAX. SPAN	WOOD JOIST SIZE
7	2x4
11	2x6
14	2x8
17	2x10
20	2x12

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1C PROTECTION PLATFORM - WOOD JOISTS & OSHA PLANKS

Scale: N.T.S.



SECTION A-A ELEVATION B-B

4 WALL MOUNTED TIMBER GUARDRAIL GATE

Scale: ############

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CONSULTANT
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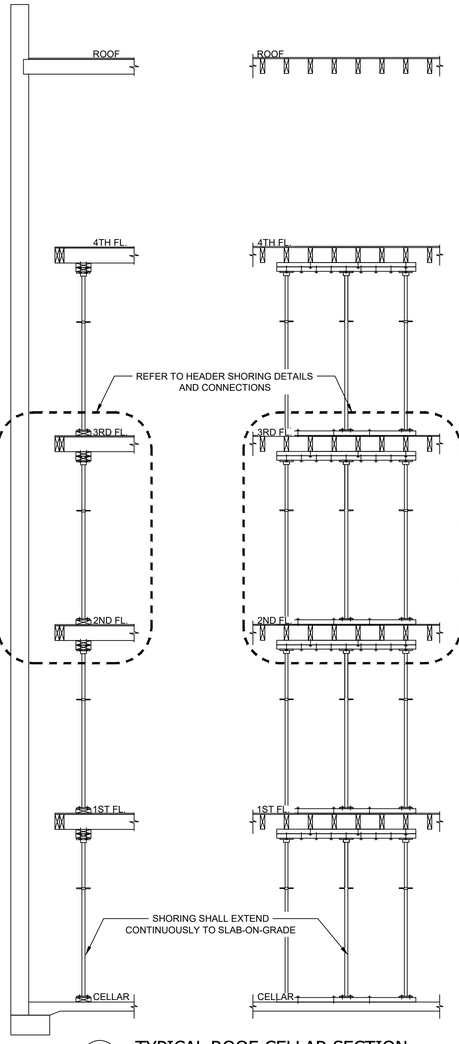
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE: PROTECTION DETAILS II

DRAWING NUMBER: C–501

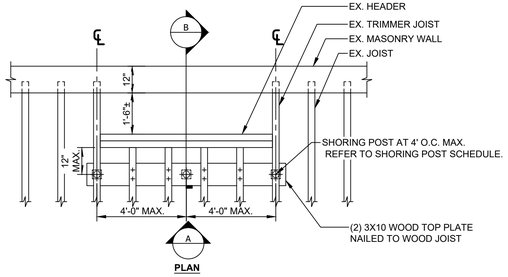
SHEET 36 OF 43

36x24 PLOT SHEET



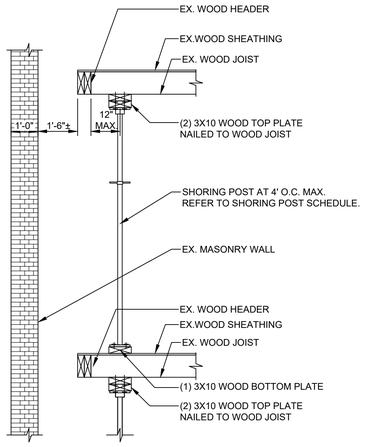
A TYPICAL ROOF-CELLAR SECTION

Scale: N.T.S.

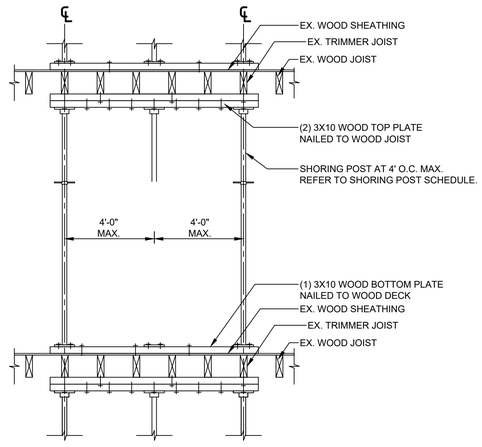


PLAN

SHORING POST SCHEDULE			
MATERIAL	SPACING (FT)	MAX HEIGHT (FT)	LOAD CAPACITY (LBS)
4x4 WOOD POST[1]	4	12	3331
(2) 3x10 WOOD POST[1]	4	18	11386
SHPSHD1018 HEAVY DUTY STEEL POST[2]	4	18	3100
EDC 703 SHORE POST	4	12	8400
1) WOOD SHALL BE DOUGLAS FIR-LARCH, NO. 2 OR APPROVED EQUAL: FC=1350 PSI. 2) DIRECT SCAFFOLDING SUPPLY (DDS) 3) ALL HEADER BEAMS AND HEADERS AT STAIR OPENINGS, CHIMNEY'S AND OTHER LOCATIONS SHALL BE CAREFULLY EXAMINED AND, WHERE REQUIRED AS DETERMINED BY ENGINEER OF RECORD, SHALL BE SHORED FROM CELLAR FLOOR THROUGH SUCCESSIVE FLOORS ABOVE.			



SECTION B



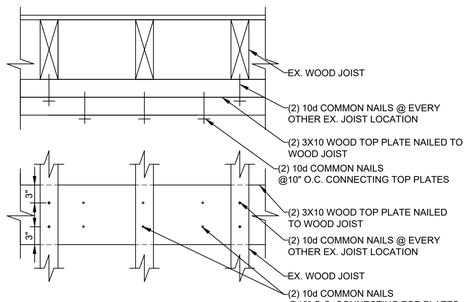
ELEVATION A

SECTION B

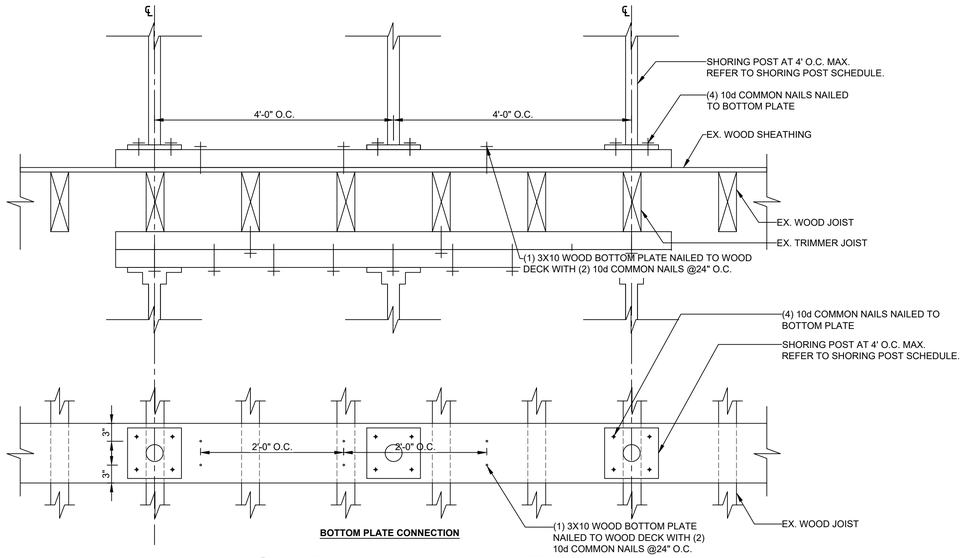
ELEVATION A

B HEADER SHORING PLAN, SECTIONS & ELEVATIONS

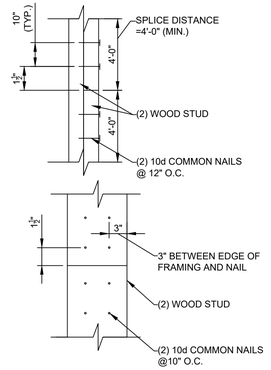
Scale: N.T.S.



TOP PLATE CONNECTION



BOTTOM PLATE CONNECTION



(2) 3X10 WOOD STUD CONNECTION

C HEADER SHORING CONNECTIONS

Scale: N.T.S.

36x24 PLOT SHEET

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

ANCORA
Engineering + Architecture

ENERGY CODE STATEMENT:

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STATE OF NEW YORK · JAMES M. PAPPAGEORGE · 092183 · LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	10/09/2025	BID DOCUMENT & MTA 02

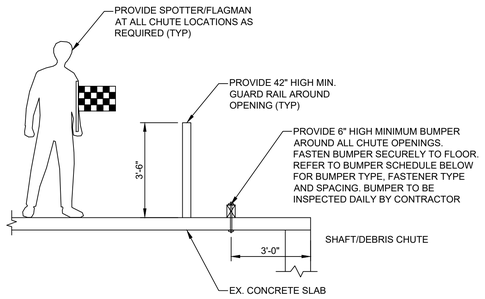
PROJECT NUMBER: Q1953 – C

DESIGNED BY: JP
DRAWN BY: EA
FIELD CHECK: SS
APPROVED: JP

SHEET TITLE: HEADER SHORING DETAIL

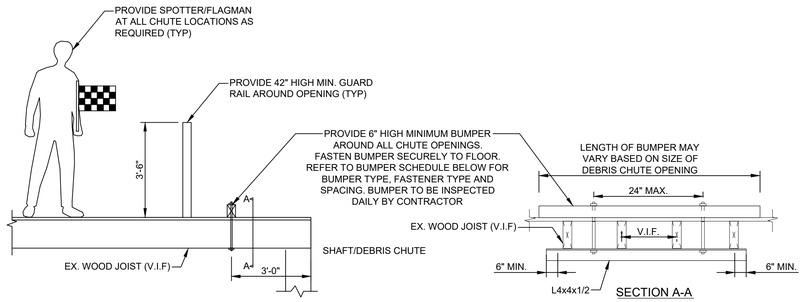
DRAWING NUMBER: C–502

SHEET 37 OF 43



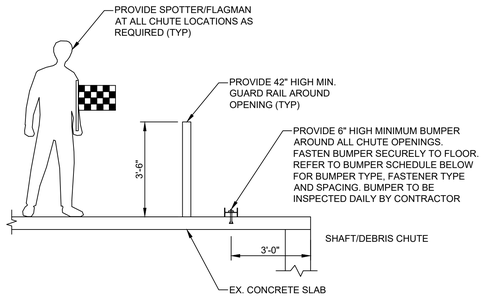
1.1 WHEEL STOP BUMPER - TIMBER OPTION

Scale: AS NOTED



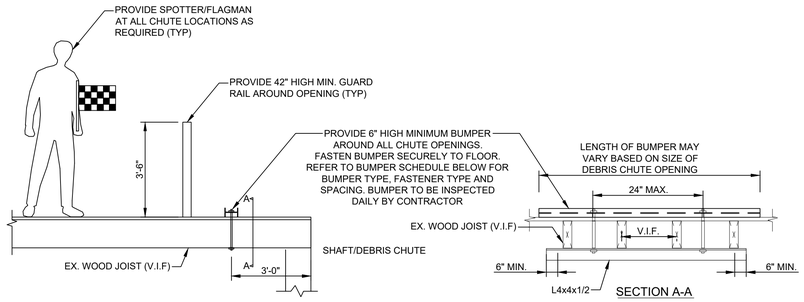
2.1 WHEEL STOP BUMPER - TIMBER OPTION

Scale: AS NOTED



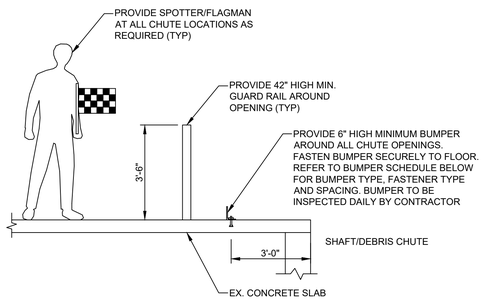
1.2 WHEEL STOP BUMPER - BEAM OPTION

Scale: AS NOTED



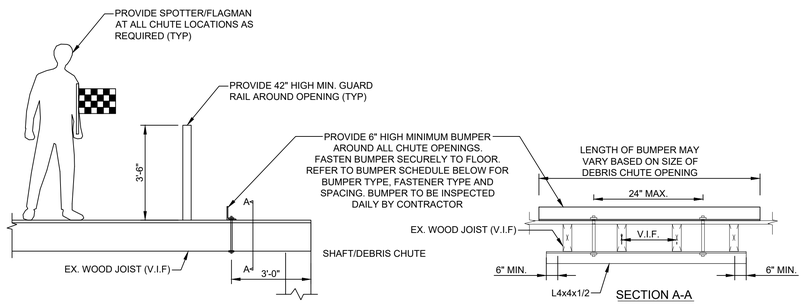
2.2 WHEEL STOP BUMPER - BEAM OPTION

Scale: AS NOTED



1.3 WHEEL STOP BUMPER - ANGLE OPTION

Scale: AS NOTED



2.3 WHEEL STOP BUMPER - ANGLE OPTION

Scale: AS NOTED

BUMPER SCHEDULE		
FLOOR TYPE	BUMPER	FASTENER
CONCRETE SLAB	W6x9	1/2" DIA. HILTI KWIK BOLTS @ 24" O.C. MAX.
	L4x6x3/8 LLV	3/8" DIA. HILTI KWIK BOLT @ 24" O.C. MAX.
	4" WIDE X 6" HIGH TIMBER	1/2" DIA. HILTI HAS-E ROD THROUGH BOLTED TO FLOOR @ 24" O.C. MAX.

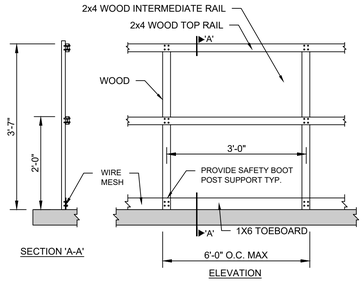
1 TYPICAL GUARDRAIL & WHEEL BUMPER (CONC. SLAB)

Scale: AS NOTED

BUMPER SCHEDULE		
FLOOR TYPE	BUMPER	FASTENER
WOOD FRAMING	W6x9	1/2" DIA. HILTI HAS-E ROD THROUGH BOLTED TO FLOOR @ 24" O.C. MAX.
	L4x6x3/8 LLV	1/2" DIA. HILTI HAS-E ROD THROUGH BOLTED TO FLOOR @ 24" O.C. MAX.
	4" WIDE X 6" HIGH TIMBER	1/2" DIA. HILTI HAS-E ROD THROUGH BOLTED TO FLOOR @ 24" O.C. MAX.

2 TYPICAL GUARDRAIL & WHEEL BUMPER (TIMBER FRAMING)

Scale: AS NOTED



3 GUARDRAIL & TYPICAL WHEEL STOP BUMPER DETAIL

Scale: N.T.S.

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

ANCORA

Engineering + Architecture

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REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING JACKIE ROBINSON YOUTH CENTER

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CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	10/09/2025	BID DOCUMENT & MTA 02

PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE:

DEBRIS SHAFT ENCLOSURE DETAIL

DRAWING NUMBER: C–503

SHEET 38 OF 43

36x24 PLOT SHEET

NOTES

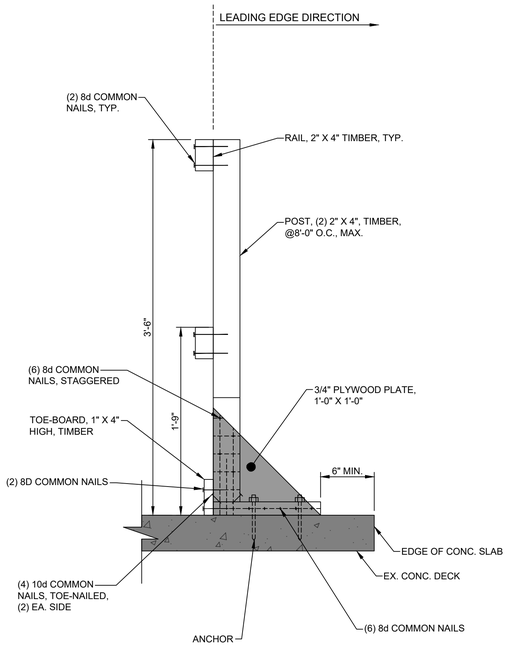
1. GUARDRAILS ARE DESIGNED FOR LEADING EDGE PROTECTION AT BUILDING INTERIOR AND ARE NOT DESIGNED FOR PERIMETER USE.
2. GUARDRAILS ARE NOT PERMITTED FOR USE AS PERSONAL FALL ARREST SYSTEM ANCHORAGE.
3. CONTRACTOR RESPONSIBILITIES
   - 3.1. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION, INSPECTION AND MAINTENANCE. ALL EQUIPMENT AND MATERIALS SHALL BE INSPECTED REGULARLY TO SEE THAT IT IS IN GOOD CONDITION AND SERVICEABLE. DAMAGED OR DETERIORATED EQUIPMENT OR MATERIALS SHALL BE REPLACED IMMEDIATELY.
   - 3.2. THE CONTRACTOR SHALL MAKE NO DEVIATION FROM CONTRACT DOCUMENTS WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ENGINEER.
   - 3.3. CONTRACTOR IS RESPONSIBLE FOR DESIGNATING A COMPETENT PERSON TO ENSURE INSTALLATION PER DESIGN.
4. ENGINEER HAS NO ON-SITE PRESENCE, NO SUPERVISORY ROLE, AND NO FIELD INSPECTION RESPONSIBILITY.

MATERIALS SPECIFICATIONS

1. POSTS SHALL BE SPACED @ 8'-0" O.C., MAX.
2. TIMBER FRAMING
   - 2.1. 1,500 Fb MIN. MACHINE STRESS RATED LUMBER
   - 2.2. DOUGLAS FIR-LARCH NO. 2 OR BETTER
   - 2.3. HEM FIR NO. 1 OR BETTER
   - 2.4. SOUTHERN PINE NO. 2
3. TIMBER FRAMING
   - 3.1. FOR UN-CRACKED USE CONCRETE USE HILTI HUS SCREW ANCHOR, 3/8" DIAM., 2 1/2" NOM. EMBEDMENT.
   - 3.2. FOR CRACKED CONCRETE USE HILTI KWOK BOLT TZ2 EXPANSION ANCHOR, 3/8" DIAM., 2 1/2" NOM. EMBEDMENT.
   - 3.3. REFER TO MANUFACTURER SPECIFICATIONS FOR INSTALLATION REQUIREMENTS.

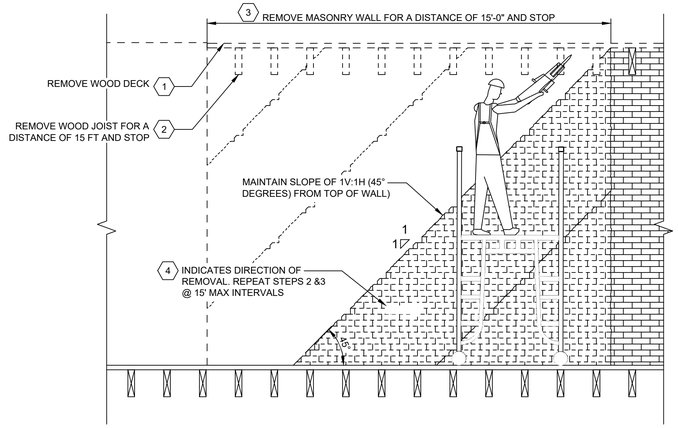
DESIGN LOAD PARAMETERS

NYC BUILDING CODE 2022



1 GUARDRAIL W/ PLYWOOD BASE

Scale: 1 1/2" = 1'-0"



SEQUENCE

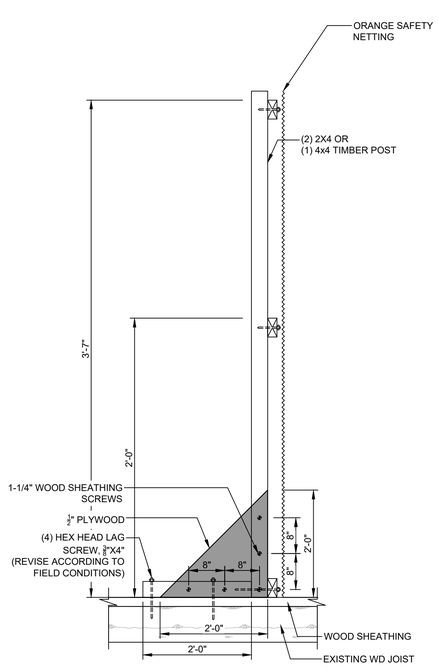
1. BY HAND, REMOVE WOOD DECK.
2. BY HAND, REMOVE WOOD JOIST FOR A DISTANCE OF 15 FT OR LESS AND STOP.
3. BY HAND, REMOVE MASONRY WALL FOR A DISTANCE OF 15 FT OR LESS AND STOP.
4. REPEAT STEPS 1,2, & 3 @ 15' MAX INTERVALS UNTIL REMOVAL OF WOOD JOISTS AND MASONRY WALLS IS COMPLETE.

MASONRY NOTES

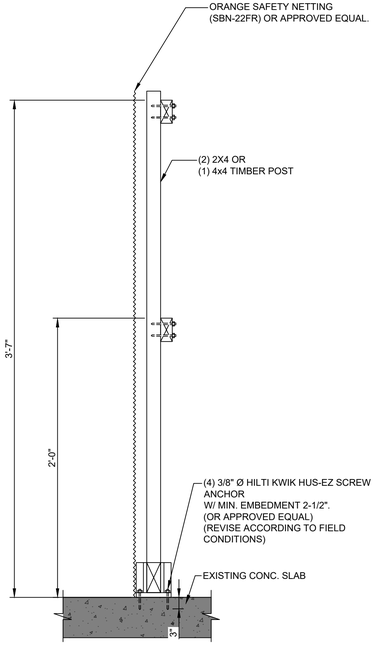
1. DO NOT REMOVE MASONRY WALLS SUPPORTING ANY STRUCTURAL MEMBERS.
2. MASONRY WALLS SHALL NOT BE ALLOWED TO REMAIN FREESTANDING FOR LENGTHS OR HEIGHTS EXCEEDING 15 FT. IN NO CASE SHALL MASONRY WALLS BE LEFT IN SUCH CONDITION THAT IT MAY COLLAPSE OR BE TOPPLED BY WIND, VIBRATION OR ANY OTHER CAUSE.
3. REMOVE MASONRY WALLS FROM TOP DOWN. MAINTAIN SLOPE OF 1V:1H (45° DEGREES) FROM TOP OF WALL.
4. REMOVAL OF MASONRY WALLS SHALL BE LIMITED TO 1'X1'X1' AT A TIME.
5. DEBRIS SHALL BE REGULARLY CLEARED FROM FLOOR SUCH THAT IN NO EVENT DEBRIS PILES ESCEED THREDHOLDS PRESENTED IN DEBRIS MANAGEMENT NOTES IN DM-001. DEBRIS STOCKPILES AGAINST MASONRY WALLS IS PROHIBITED.

3 MASONRY WALL REMOVAL

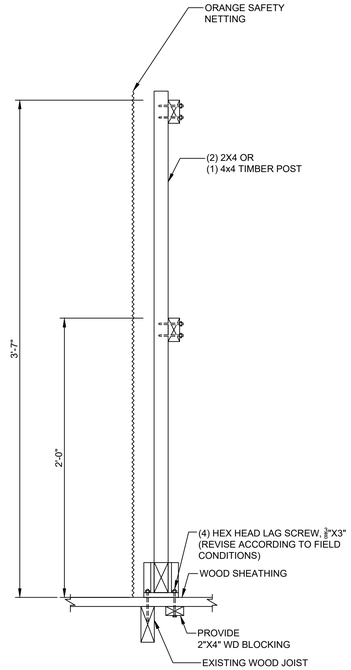
Scale: N.T.S.



ALL WOOD OPTION



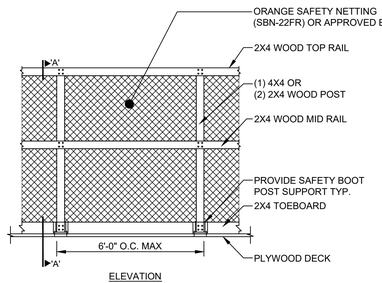
SAFETY BOOTS TO CONCRETE



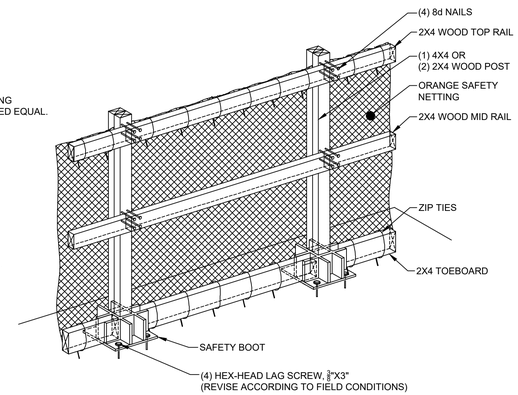
SAFETY BOOTS TO WOOD

2 TYPICAL GUARDRAIL DETAIL

Scale: N.T.S.



ELEVATION



AXONOMETRIC

1. WORKERS ARE NOT PERMITTED TO TIE-OFF TO TIMBER FRAMING.
2. PERSONNEL SHALL TIE-OFF TO ADEQUATE TIE OFF POINTS WHEN WORKING WITHIN 6'-0" OF LEADING EDGE.
3. FOLLOW ALL PRODUCT SPECIFICATIONS FOR INSTALLATION.
4. COMPETENT PERSON TO ENSURE INSTALLATION AS PER DESIGN.
5. DESIGN ENGINEER IS RESPONSIBLE FOR DESIGN AND NOT FOR INSTALLATION IN FIELD.
6. CONTRACTOR SHALL PROMPTLY REPORT DEVIATION OR UNUSUAL CONDITIONS TO ENGINEER.
7. AT MAX. SPACING 6'-0" O.C. SPAN LENGTHS EXCEEDING 6-0" MUST BE APPROVED BY E.O.R.
8. TIMBER FRAMING SHALL BE CONSTRUCTION GRADE, OR APPROVED EQUAL.

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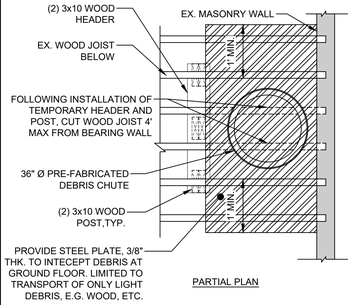
SHEET TITLE:

GUARDRAIL & MASONRY WALL REMOVAL DETAILS

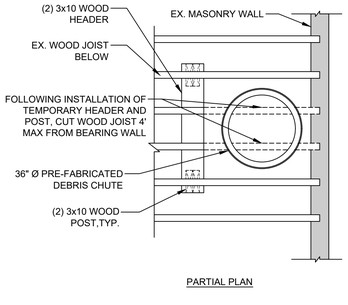
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SHEET 39 OF 43

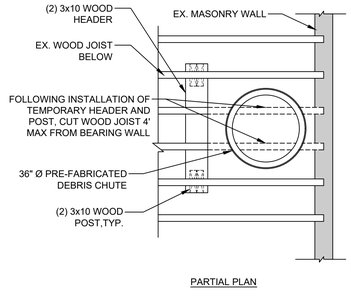
36x24 PLOT SHEET



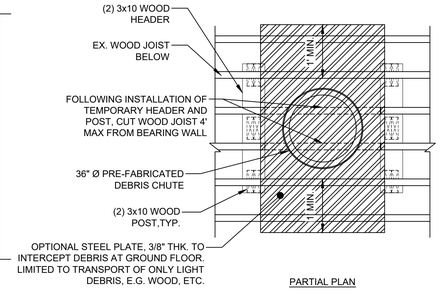
PARTIAL PLAN



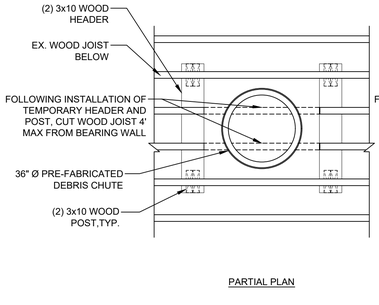
PARTIAL PLAN



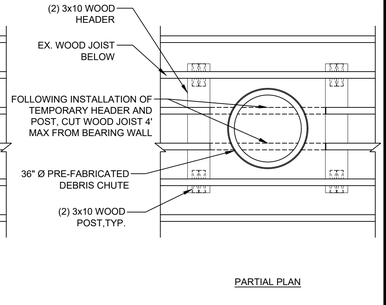
PARTIAL PLAN



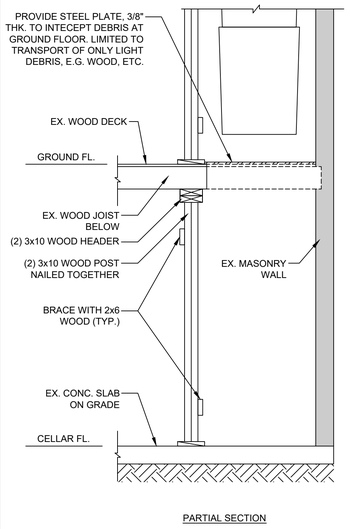
PARTIAL PLAN



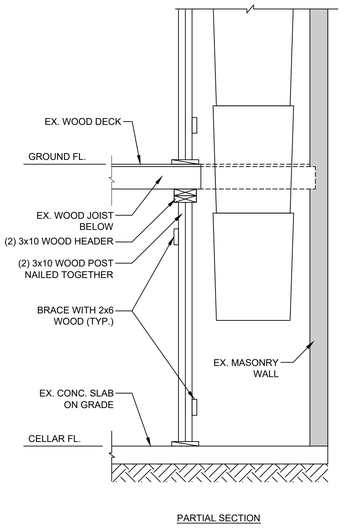
PARTIAL PLAN



PARTIAL PLAN



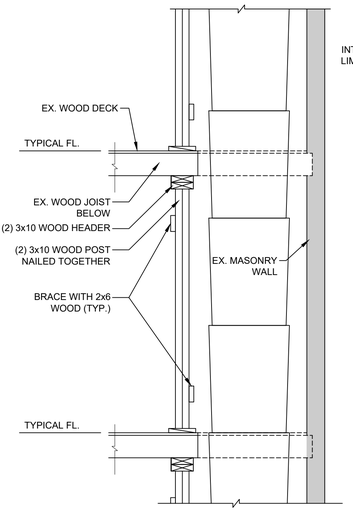
PARTIAL SECTION



PARTIAL SECTION

1.1 GROUND FLOOR TRANSFER

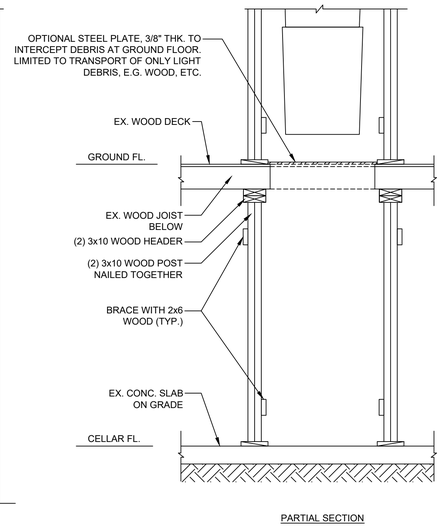
Scale: AS NOTED



PARTIAL SECTION

1.3 TYPICAL FLOOR

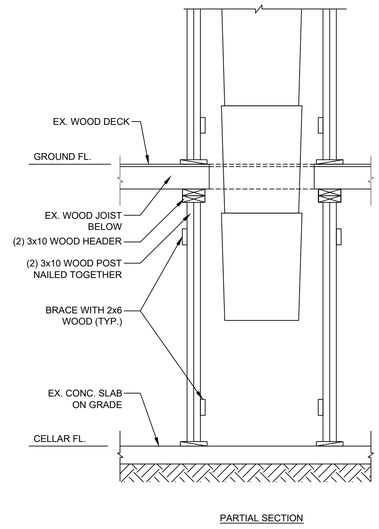
Scale: AS NOTED



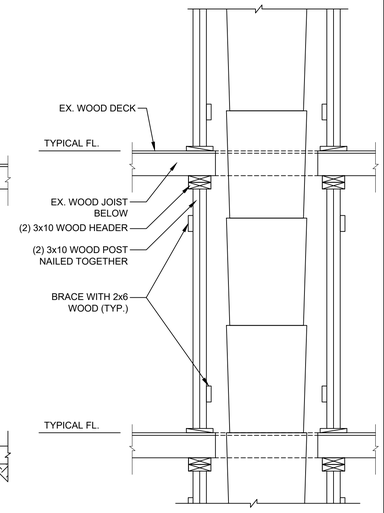
PARTIAL SECTION

2.1 GROUND FLOOR TRANSFER

Scale: AS NOTED



PARTIAL SECTION



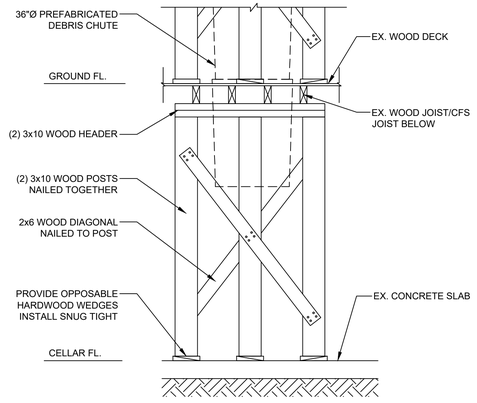
PARTIAL SECTION

2.3 TYPICAL FLOOR

Scale: AS NOTED

1 PRE-FABRICATED DEBRIS CHUTE DETAIL ALONG EXT. WALL

Scale: AS NOTED



PARTIAL ELEVATION

3.1 CELLAR FLOOR TRANSFER - OPTION 1

Scale: AS NOTED

DEBRIS CHUTE - PREFABRICATED

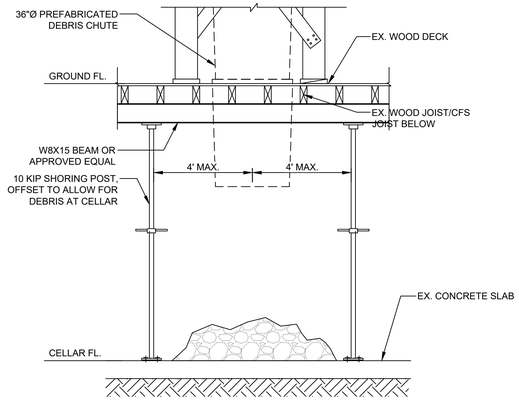
1. PRE-FABRICATED DEBRIS CHUTE TO BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS
2. FOR TRANSPORT OF CONCRETE/MASONRY DEMOLITION DEBRIS TO CELLAR FOR USE AS BACK FILL, PROVIDE OPENING IN GROUND FLOOR TO ALLOW DIRECT TRANSPORT OF CONCRETE/MASONRY DEMOLITION DEBRIS ONLY TO CELLAR SLAB ON GRADE.
3. FOR TRANSPORT OF LIGHT DEBRIS ONLY, INCLUDING TIMBER DECKING, PROVIDE A METAL IMPACT PLATE TO COVER THE GROUND FLOOR OPENING.
4. FOR TRANSPORT OF WOOD JOISTS, UTILIZE A ROPE AND WHEEL WELL TO LOWER WOOD JOIST DOWN EXISTING SHAFT.
5. DEBRIS CHUTE LOCATIONS ARE SUBJECT TO CHANGE PER CONTRACTOR'S PREFERENCE WITH PRIOR WRITTEN APPROVAL BY E.O.R.
6. SHAFTS / DEBRIS CHUTE(S) SHALL BE ENTIRELY ENCLOSED ON ALL SIDES, EXCEPT FOR OPENINGS AT THE FLOOR LEVELS FOR RECEIVING MATERIALS.
7. EVERY SPACE BETWEEN THE CHUTE AND THE EDGE OF THE OPENING IN THE FLOOR OR PLATFORM SHALL BE SOLIDLY PLANKED UNLESS OTHERWISE NOTED
8. ALL STRUCTURAL SUPPORTS OF CHUTES SHALL BE NONCOMBUSTIBLE MATERIAL
9. CHUTES SHALL BE RIGIDLY SUPPORTED AND BRACED THROUGHOUT HEIGHT
10. PROVIDE STANDARD GUARDRAIL AND 4"X4" BUMPER AT EACH CHUTE OPENING WHERE EVER SUCH ENCLOSURE HAS BEEN TEMPORARILY REMOVED TO PERMIT DEBRIS REMOVAL
11. ALL DEBRIS SHALL BE CLEANED OFF FLOORS DAILY
12. CONTRACTOR MAY CHOOSE TO UTILIZE PREFABRICATED AND/OR ENCLOSED SHAFT DEBRIS CHUTE.
13. DO NOT CUT TRIMMER JOISTS SUPPORTING HEADERS FOR CHUTE INSTALLED.

3 PRE-FABRICATED DEBRIS CHUTE DETAIL - CELLAR FLOOR TRANSFER

Scale: AS NOTED

2 PRE-FABRICATED DEBRIS CHUTE DETAIL AT CENTER FLOOR

Scale: AS NOTED



PARTIAL ELEVATION

3.2 CELLAR FLOOR TRANSFER - OPTION 2

Scale: AS NOTED

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

ANCORA

Engineering + Architecture

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STATE OF NEW YORK · JAMES M. PAPPAGEORGE · 092183 · LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	10/09/2025	BID DOCUMENT & MTA 02

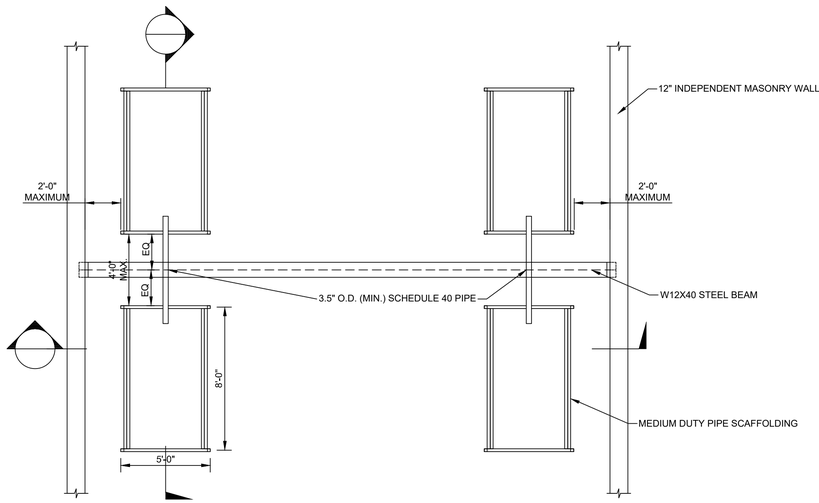
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE: PRE–FABRICATED DEBRIS CHUTE DETAIL

DRAWING NUMBER: C–505

SHEET 40 OF 43

36x24 PLOT SHEET



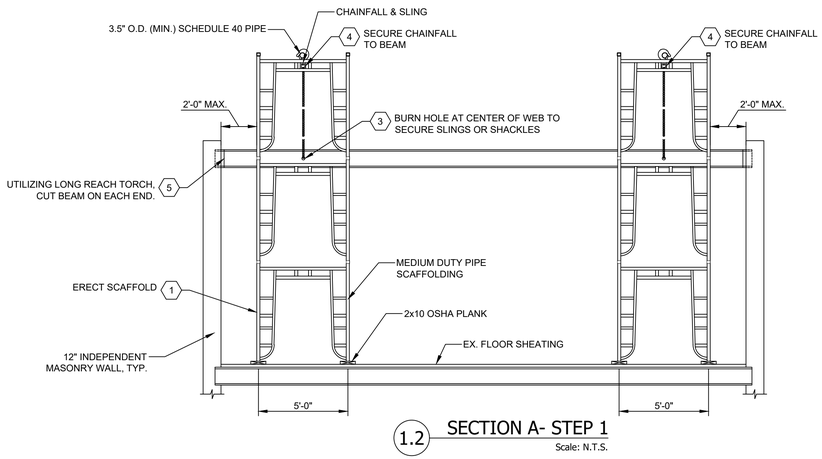
NOTES:

1. SCAFFOLD FRAME RATED LOAD CAPACITY SHALL BE MEDIUM DUTY (50 PSF) MINIMUM.
2. CHAINFALL AND SLING CAPACITY SHALL BE ONE (1) TON MINIMUM
3. MAX PERMISSIBLE BEAM WEIGHT IS ONE (1) TON (2,000 LB)
4. PIPE SHALL BE 3 STD. PIPE

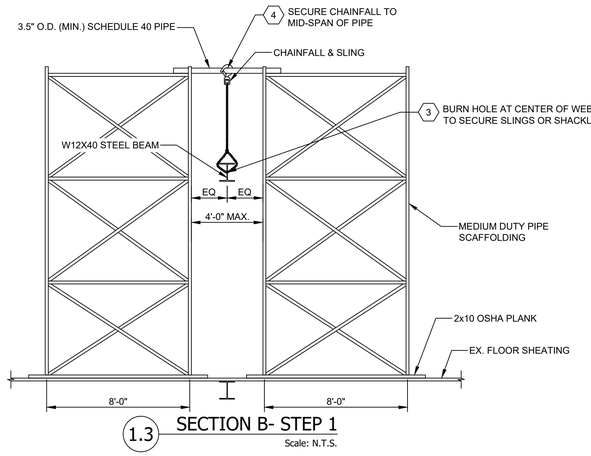
BEAM LOWERING SEQUENCE

1. ERECT SCAFFOLD
2. SECURE CHAIN-FALL AT MID-SPAN OF PIPE
3. BURN HOLE AT MID DEPTH OF BEAM WEB
4. SECURE CHAIN-FALL TO BEAM AT EACH END
5. UTILIZING LONG REACH TORCH, CUT BEAM AT EACH END
6. LOWER BEAM TO FLOOR

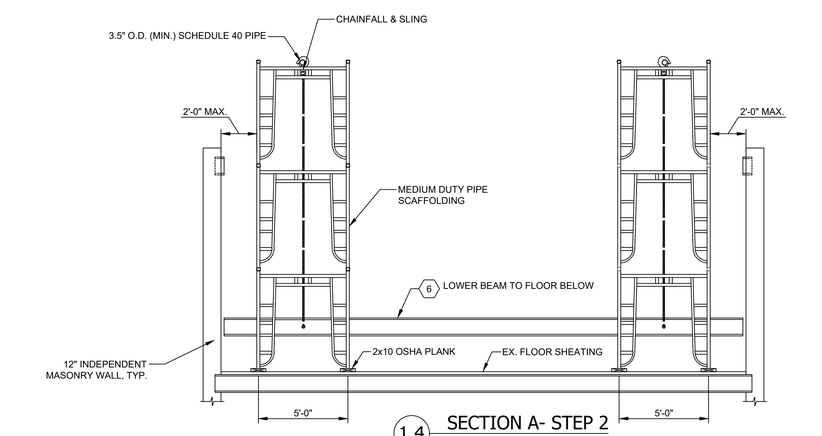
1.1 PARTIAL PLAN
Scale: N.T.S.



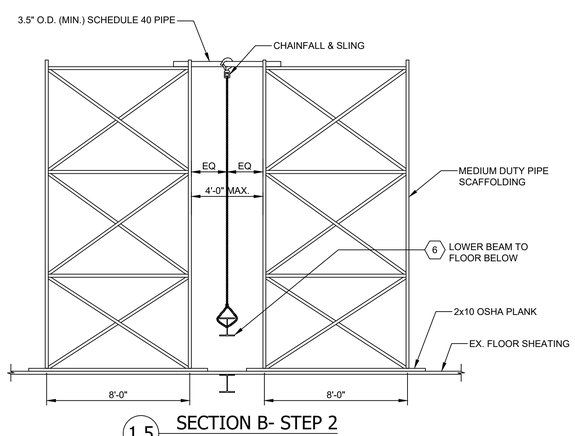
1.2 SECTION A- STEP 1
Scale: N.T.S.



1.3 SECTION B- STEP 1
Scale: N.T.S.



1.4 SECTION A- STEP 2
Scale: N.T.S.



1.5 SECTION B- STEP 2
Scale: N.T.S.

1 BEAM LOWERING DETAIL AT LOAD BEARING WALL
Scale: N.T.S.

36x24 PLOT SHEET

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

ANCORA
Engineering + Architecture

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STATE OF NEW YORK · JAMES M. PAPPAS · 092183 · LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
JACKIE ROBINSON YOUTH CENTER

LOCATION:
1024 FULTON STREET
BROOKLYN, NEW YORK 11238

CLIENT:
NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	10/09/2025	BID DOCUMENT & MTA 02

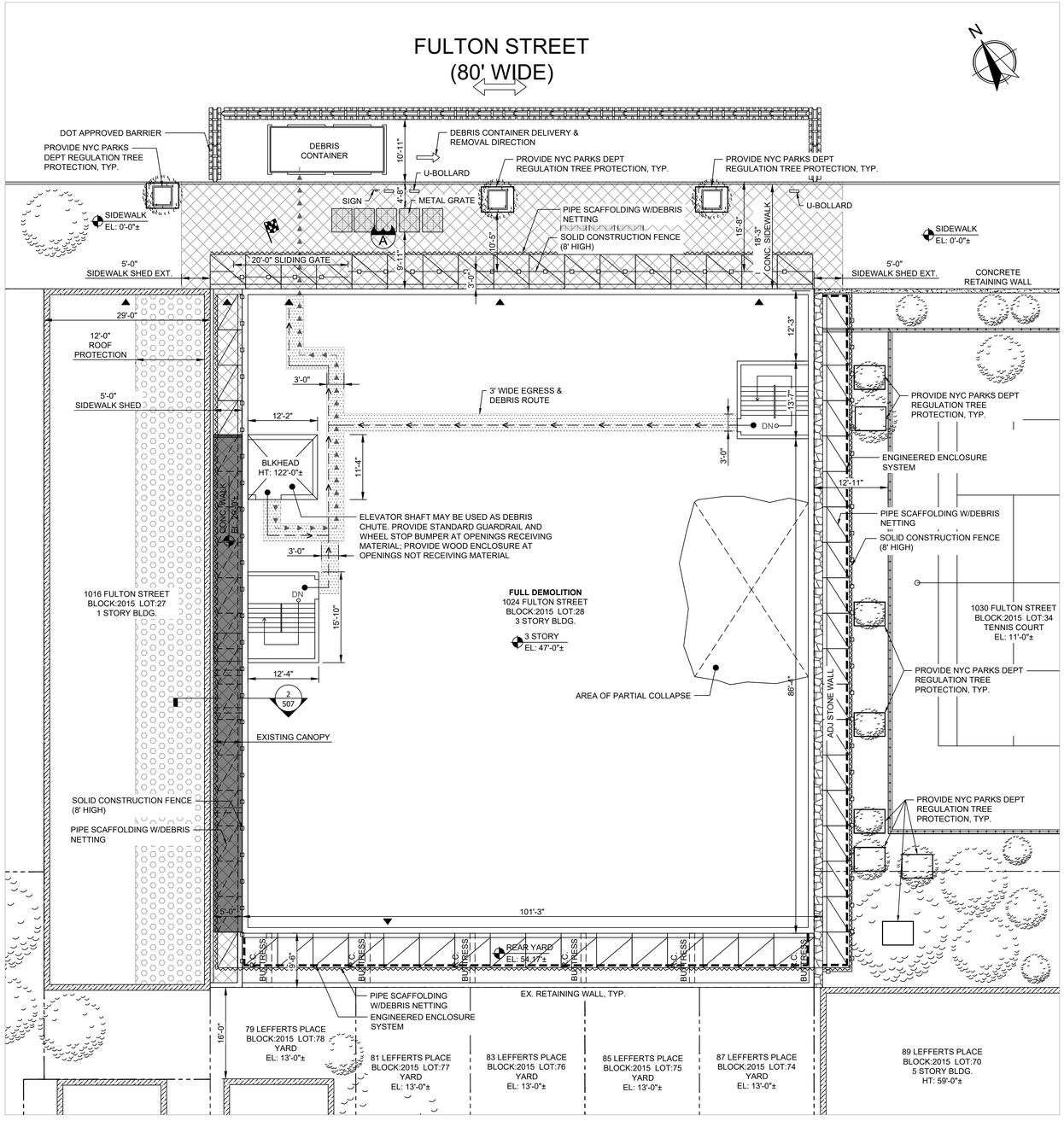
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE:

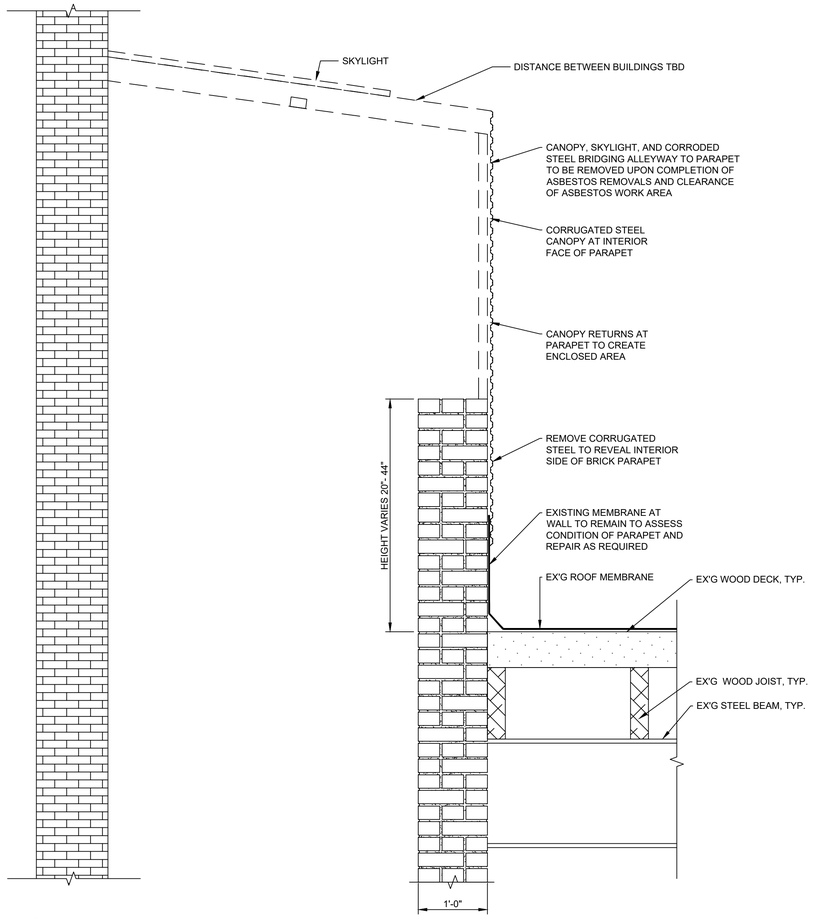
BEAM LOWERING AT LOAD BEARING WALL

DRAWING NUMBER:
C–506

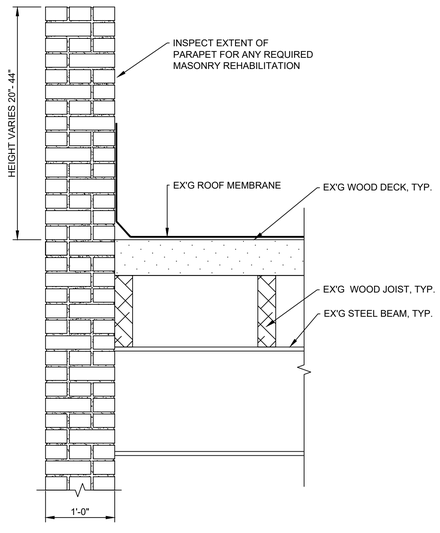
SHEET 41 OF 43



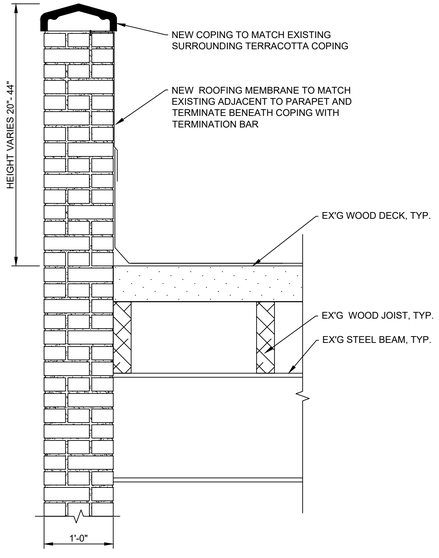
1 CANOPY REMOVAL PLAN
SCALE: 3/32" = 1'-0"



2 EXISTING PARAPET DETAIL
Scale: 1" = 1'-0"



3 POST DEMO PARAPET DETAIL
Scale: 1" = 1'-0"



4 PROPOSED PARAPET DETAIL
Scale:1" = 1'-0"

36x24 PLOT SHEET

NEW YORK STATE OF OPPORTUNITY. Office of General Services
DESIGN & CONSTRUCTION

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CERTIFICATE OF AUTHORIZATION No.: 0115759

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WESTERN CANOPY REMOVAL PLAN & DETAIL

STATE OF NEW YORK · JAMES M. PAPPAS · 092183 · LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: DECEMBER 31, 2027

42

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	10/09/2025	BID DOCUMENT & MTA 02

PROJECT NUMBER: Q1953 – C

DESIGNED BY: JP
DRAWN BY: EA
FIELD CHECK: SS
APPROVED: JP

SHEET TITLE: WESTERN CANOPY REMOVAL PLAN & DETAIL

DRAWING NUMBER: C–507

SHEET OF 43

HANDHELD DEVISES (DEMOLITION)

1. AIR HAMMER, CHIPPING GUN, & HYDRAULIC BREAKER (AKA JACK-HAMMER)
2. OXY-ACETYLENE BURNING OUTFIT
3. ELECTRICAL GRINDER
4. GAS-POWERED DEMOLITION SAW
5. CHAINSAW
6. RECIPROCATING SAW
7. CUT-OFF SAW
8. CONCRETE SAW
9. GENERATOR & COMPRESSOR
10. CHAIN FALL
11. PORTABLE GANTRY CRANE
12. DRILLS
13. MISC. HANDTOOLS

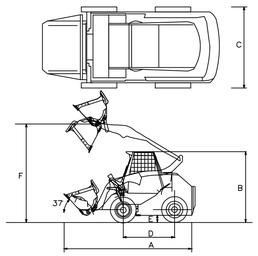
MECHANICAL EQUIPMENT USE RESTRICTIONS

1. AN ANALYSIS OF THE LOADS IMPOSED FROM MECHANICAL EQUIPMENT ON THE EXISTING BUILDING AT 1024 FULTON ST, BROOKLYN, NY 11238. HAS BEEN COMPLETED; AND THE BUILDING IS SUITABLE TO SUPPORT THE PROPOSED LOADS IMPOSED ON THE FLOORS AS INDICATED WITH THE FOLLOWING USE RESTRICTIONS.
2. PRIOR TO MECHANICAL EQUIPMENT OPERATION ON FLOORS; ALL SLABS, BEAMS, COLUMNS AND CONNECTIONS AT THE PROPOSED FLOOR(S) OF OPERATION MUST BE INSPECTED. PRIOR TO MECHANICAL EQUIPMENT USE THE CONTRACTOR SHALL NOTIFY THE DIRECTORS REPRESENTATIVE ONCE THE STRUCTURE IS FULLY EXPOSED AND VISIBLE TO PERMIT INSPECTION.
3. THE CONTRACTOR SHALL NOTIFY THE DIRECTORS REPRESENTATIVE OF ANY UNSTABLE STRUCTURES; AND UNSTABLE STRUCTURES SHALL BE ENCLOSED WITH A CONTROLLED ACCESS ZONE UNTIL THEY CAN BE REMOVED OR SHORING PROVIDED AS DESIGNED BY DIRECTORS REPRESENTATIVE.
4. MECHANICAL EQUIPMENT OF SIMILAR WEIGHT AND DIMENSIONS OF THOSE LISTED ABOVE MAY BE SUBSTITUTED FOR USE AS APPROVED BY THE DIRECTORS REPRESENTATIVE.
5. OPERATING WEIGHT AND RATED LOAD CAPACITY SHALL BE CONSPICUOUSLY POSTED ON ALL MECHANICAL CONSTRUCTION EQUIPMENT. MANUFACTURER SPECIFICATIONS INCLUDING LIFT CAPACITY AND LIFT CAPACITY CHARTS SHALL FOR ALL MACHINES IN USE SHALL BE KEPT ON-SITE AND READILY AVAILABLE UPON REQUEST.
6. OPERATOR'S OF MECHANICAL EQUIPMENT SHALL BE DESIGNATED BY THE REGISTERED CONSTRUCTION SUPERINTENDENT; AND SHALL BE PROPERLY TRAINED, CERTIFIED, SKILLED AND EXPERIENCED.
7. PLACEMENT ON FLOOR/ROOF DECK WITHIN BUILDING
   - 7.1. REFER TO THE MECHANICAL EQUIPMENT LIST
   - 7.2. MAXIMUM NUMBER OF MACHINES PERMITTED WITHIN BUILDING AT ANY GIVEN TIME.
     - 7.2.1. WORKING DECK: 0
     - 7.2.2. FLOOR BELOW ACTIVE DEMOLITION FLOOR: 0
     - 7.2.3. GROUND FLOOR: 1, ONLY IN SHORED AREAS
     - 7.2.4. CELLAR: 4
   - 7.3. MECHANICAL EQUIPMENT SHALL MAINTAIN A MINIMUM SEPARATION DISTANCE OF 1 COLUMN BAY OR AS NOTED IN THE MECHANICAL EQUIPMENT LIST TABLE, WHICHEVER IS GREATER.
   - 7.4. COLUMN BAYS WITHIN THE PATH OF TRAVEL FOR MACHINES SHALL BE KEPT CLEAR OF DEBRIS (U.O.N)
   - 7.5. MECHANICAL EQUIPMENT SHALL NOT BE OPERATED IN A MANNER THAT A WHEEL IS UPLIFTED OR IN A MANNER THAT IMPARTS EXTREME DYNAMIC LOADING ON THE DECK.
   - 7.6. WHEN NOT IN USE, MECHANICAL EQUIPMENT SHALL BE PARKED; TURNED OFF; AND SECURED AGAINST DISLODGEMENT; EQUIPMENT MAY BE STORED AT LOCATIONS IN COMPLIANCE WITH THE PERMISSIBLE FLOOR PLACEMENT, MINIMUM SEPARATION DISTANCE, AND NO LOAD ZONES PRESENTED HEREIN.
   - 7.7. MECHANICAL EQUIPMENT ARE NOT PERMITTED WITHIN AREAS DESIGNATED "MECHANICAL EQUIPMENT NO LOAD ZONE" AND THESE AREAS SHALL BE IDENTIFIED WITH SIGNAGE STATING "CAUTION - MECHANICAL EQUIPMENT - NO LOAD ZONE" AND DELINEATED WITH CAUTION TAPE, CHAIN, OR OTHER SIMILAR SAFETY BARRIER.
8. PLACEMENT ON-GRADE
   - 8.1. THESE LIMITATIONS ALSO APPLY TO VEHICLES, TRAILERS & DEBRIS CONTAINERS.
   - 8.2. MAINTAIN A NO LOAD ZONE WITHIN 8' MIN OF ADJOINING FOUNDATION
   - 8.3. PROVIDE A 1V:1.5H BERM OF MASONRY AND CONCRETE DEBRIS AND/OR CLEAN FILL AGAINST FULL HEIGHT OF FOUNDATION WALLS PRIOR TO OPERATING MACHINES(S) NEAR UN-BRACED FOUNDATION WALLS.
9. ANY EVENT, CHANGE OF METHOD OR CONDITION THAT PROMPTS THE CONCERN ABOUT THE INTEGRITY OF THE STRUCTURE TO SUPPORT THE EQUIPMENT SHALL BE REPORTED TO THE DIRECTORS REPRESENTATIVE IMMEDIATELY AND WORK SHALL NOT PROCEED IN SUSPECT AREA(S)
10. REFUELING & FUEL STORAGE
    - 10.1. REFUELING SHALL BE CONDUCTED IN ACCORDANCE WITH NYC BC SECTION 3320.]
    - 10.2. FUEL STORAGE SHALL BE IN COMPLIANCE WITH NYC BC SECTION 3313 AND REQUIREMENTS OF THE NYC FIRE CODE.
11. ALL MECHANICAL EQUIPMENT SHALL BE EQUIPPED WITH A HARD CAB OR CANOPY.
12. LIFTING OPERATIONS
    - 12.1. CONTRACTOR SHALL ADHERE TO MANUFACTURER SPECIFICATIONS FOR LIFTING OPERATIONS.
    - 12.2. LIFTING CAPACITY SPECIFIED IN THE MANUFACTURER SPECIFICATIONS OR IN THE MECHANICAL EQUIPMENT, WHICHEVER IS LOWER, SHALL NOT BE EXCEEDED.
13. DEMOLITION OF CONCRETE SLAB DECK WITH HYDRAULIC HAMMER
    - 13.1. WHEN PERFORMING FROM FLOOR BELOW, MACHINE SHALL MAINTAIN A MINIMUM DISTANCE OF HALF THE FLOOR TO FLOOR HEIGHT FROM THE EDGE OF SLAB.
    - 13.2. MACHINE SHALL NOT OPERATE ON THE SLAB BAY BEING DEMOLISHED; CANTILEVERED SLAB OR WHERE A SLAB HAS CRACKED OR SEPARATED FROM THE SUPPORT/ADJOINING BEAM.
14. SKID STEER LOADERS MAY BE USED FOR THE FOLLOWING OPERATIONS
    - 14.1. TRANSPORT OF DEBRIS, EQUIPMENT AND OTHER MATERIALS
    - 14.2. BACKFILL AND GRADING
    - 14.3. ASSISTING HAND DEMOLITION WITH REMOVAL OF BEAMS, GIRDERS AND COLUMNS IN ACCORDANCE WITH THE DEMOLITION MEANS AND METHODS DRAWINGS.
    - 14.4. RATED OPERATING CAPACITY FOR LOADERS SHALL NOT BE EXCEEDED. TIPPING IS STRICTLY PROHIBITED.
15. REMOTE CONTROLLED DEMOLITION MACHINES (AKA BROKK(S)) MAY BE USED FOR THE FOLLOWING OPERATIONS IN ACCORDANCE WITH THE DEMOLITION MEANS AND METHODS DRAWINGS.
    - 15.1. CRACKING CONCRETE SLAB-ON-GRADE
    - 15.2. DEMOLITION OF INTERIOR NON-LOAD BEARING WALLS.
    - 15.3. DEMOLITION OF MASONRY WALLS
    - 15.4. DEMOLITION OF CONCRETE SLAB, WALLS, BEAMS & COLUMNS.
16. MINI EXCAVATOR(S) MAY BE USED FOR THE FOLLOWING OPERATIONS IN ACCORDANCE WITH THE DEMOLITION MEANS AND METHODS DRAWINGS.
    - 16.1. TRANSPORT OF DEBRIS, EQUIPMENT AND OTHER MATERIALS.
    - 16.2. BACKFILL AND GRADING
    - 16.3. CRACKING CONCRETE SLAB-ON-GRADE
    - 16.4. DEMOLITION OF INTERIOR NON-LOAD BEARING WALLS.
    - 16.5. DEMOLITION OF MASONRY WALLS
    - 16.6. DEMOLITION OF CONCRETE SLAB, WALLS, BEAMS & COLUMNS.
    - 16.7. ASSISTING HAND DEMOLITION WITH REMOVAL OF BEAMS, GIRDERS AND COLUMNS IN ACCORDANCE WITH THE DEMOLITION MEANS AND METHODS DRAWINGS.
    - 16.8. ASSISTING HAND DEMOLITION BY GRASPING WOOD JOIST/OPEN WEB JOISTS/COLD FORM STEEL JOISTS/BEAMS PRIOR TO HAND CUTTING AND LOWERING CUT MEMBERS TO FLOOR BELOW. STRUCTURAL MEMBERS NOT BE PULLED OR TWISTED.
17. EXCAVATORS MAY BE USED FOR THE FOLLOWING OPERATIONS IN ACCORDANCE WITH THE DEMOLITION MEANS AND METHODS DRAWINGS.
    - 17.1. FULL MECHANICAL DEMOLITION
    - 17.2. TRANSPORT OF DEBRIS, EQUIPMENT AND OTHER MATERIALS.
    - 17.3. BACKFILL AND GRADING
    - 17.4. CRACKING CONCRETE SLAB-ON-GRADE
    - 17.5. DEMOLITION OF INTERIOR NON-LOAD BEARING WALLS.
    - 17.6. DEMOLITION OF MASONRY WALLS
    - 17.7. DEMOLITION OF CONCRETE SLAB, WALLS, BEAMS & COLUMNS.
    - 17.8. ASSISTING HAND DEMOLITION WITH REMOVAL OF BEAMS, GIRDERS AND COLUMNS IN ACCORDANCE WITH THE DEMOLITION MEANS AND METHODS DRAWINGS.
    - 17.9. ASSISTING HAND DEMOLITION BY GRASPING WOOD JOIST/OPEN WEB JOISTS/COLD FORM STEEL JOISTS/BEAMS PRIOR TO HAND CUTTING AND LOWERING CUT MEMBERS TO FLOOR BELOW. STRUCTURAL MEMBERS NOT BE PULLED OR TWISTED.
    - 17.10. WHEN NOT IN USE, THE ARM & ATTACHED TOOL, E.G., BUCKET, SHEARS OR GRAPPLE, SHALL BE LOWERED TO GRADE.
18. HI-REACH EXCAVATORS MAY BE USED FOR THE FOLLOWING OPERATIONS IN ACCORDANCE WITH THE DEMOLITION MEANS AND METHODS DRAWINGS.
    - 18.1. FULL MECHANICAL DEMOLITION
    - 18.2. TRANSPORT OF DEBRIS, EQUIPMENT AND OTHER MATERIALS.
    - 18.3. WHEN NOT IN USE, THE ARM & ATTACHED TOOL, E.G., BUCKET, SHEARS OR GRAPPLE, SHALL BE LOWERED TO GRADE.
19. AERIAL LIFTS. EXTENDABLE BOOM PLATFORMS, ARTICULATED BOOM LIFTS)
    - 19.1. AERIAL LIFTS MAY BE OPERATED ON EXTERIOR GRADE TO FACILITATE HAND DEMOLITION.
    - 19.2. SHALL BE OPERATED IN STRUCT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND OSHA STANDARDS.
    - 19.3. ONLY TRAINED AND AUTHORIZED PERSONS ARE ALLOWED TO OPERATE AN AERIAL LIFT.
    - 19.4. PRIOR TO EACH WORK SHIFT, CONDUCT A PRE-START INSPECTION TO VERIFY THAT THE EQUIPMENT AND ALL ITS COMPONENTS ARE IN SAFE OPERATING CONDITION. FOLLOW MANUFACTURER RECOMMENDATIONS AND INCLUDE A CHECK OF VEHICLE COMPONENTS AND LIFT COMPONENTS. DO NOT OPERATE NAY AERIAL LIFT OF ANY OF THESE COMPONENTS ARE DEFECTIVE UNTIL TI IS REPAIRED BY A QUALIFIED PERSON. REMOVE DEFECTVE AERIAL LIFTS FROM SERVICE (TAG OUT) UNTIL REPAIRS ARE MADE.)d
    - 19.5. CONTRACTOR MUST ENSURE WORK ZONES ARE INSPECTED FOR HAZARDS AND TAKE CORRECTIVE ACTIONS TO ELIMATE SUCH HAZARDS BEFORE AND DURING OPERATION OF AN AERIAL LIFT. ITEMS TO LOOK FOR INCLUDE: DROP-OFF, HOLES, OR UNSTABLE SURFACES SUCH AS LOOSE DIRT; INADEQUATE CEILING HEIGHTS (VERTICAL CLEARANCE); SLOPES, DITCHES, OR BUMPS; DEBRIS AND FLOOR OBSTRUCTIONS; OVERHEAD ELECTRIC POWER LINES ANDCOMMUNICATION CABLES; OTHER OVERHEAD OBSTRUCTIONS; OTHER HAZARDOUS LOCATIONS AND ATMOSPHERES;
    - 19.6. HIGH WIND AND OTHER SEVERE WEATHER CONDITIONS, SUCH AS ICE; AND PRESENSE OF OTHERS IN CLOSE PROXIMITY TO THE WORK.
    - 19.7. CONTRACTOR IS RESPONSIBLE FOR FALL PROTECTION. ENSURE THAT ACCESS GATES OR OPENINGS ARE CLOSED; STAND FIRMLY ON THE FLOOR OF THE BUCK OR LIFT PLATFORM; DO NOT CLIMB ON OR LEAN OVER GUARDRAILS OR HANDRAILS. DO NOT USE PLANKS, LADDERS, OR OTHER DEVISES AS A WORKING POSITION. USE BODY HARNESS OR A RESTRAINING BELT WITH A LANYARD ATTACEHD TO THE BOOM OR BUCKET.
    - 19.8. DO NOT BELT-OFF TO ADJACENT STRUCTURES OR POLES WHILE IN THE BUCKET.
    - 19.9. OPERATING / TRAVELING / LOADING. DO NOT EXCEED THE LOAD-CAPACITY LIMITS. TAKE THE COMBINED WEIGHT OF THE WORKER(S), TOOLS AND MATERIALS INTO ACCOUNT WHEN CALCULATING THE LOAD. DO NOT USE THE AERIAL LIFT AS A CRANE. DO NOT CARRY OBJECTS LARGER THAN THE PLATFORM. DO NOT DRIVE WIT THE LIFT PLATFORM RAISED (UNLESS THE MANUFACTURER'S INSTRUCTIONS ALLOW THIS). DO NOT OPERATE LOWER LEVEL CONTROLS UNLESS PERMISION IS OBTAINED FROM THE WORKER(S) IN THE LIFT (EXCEPT EMERGENCIES)). DO NOT EXCEED VERTICAL OR HORIZONTAL REACH LIMITS. DO NOT OPERATE AN AERIAL LIFT IN HIGH WINDS ABOVE THOSE RECOMMENDED BY THE MANUFACTURER. DO NOT OVERRIDE HYDRAULIC, MECHANICAL OR ELECTRICAL SAFETY DEVISES.
    - 19.10. OVERHEAD PROTECTION. BE AWARE OF OVERHEAD CLERANCE AND OVERHEAD OBJECTS, INCLUDING CEILINGS. DO NOT POSITION AERIAL LIFTS BETWEEN OVERHEAD HAZARDS IF POSSIBLE. TREAT ALL OVERHEAD POWER LINES AND COMMUNICATION CABLES AS ENERGIZED AND STAY AT LEAST 10 FEET AWAY. ENSURE THAT THE POWER UTILITY OR POWER LINE WORKERS DE-ENERGIZE POWER LINES IN THE VICINITY OF WORK.
    - 19.11. STABILITY IN WORK ZONE. SET OUTRIGGERS ON PADS OR ON A LEVEL, SOLID SURFACE. SET BRAKES WHEN OUTRIGGERS ARE USED. USE WHIEEL CHOCKS ON SLOPED SURFACES WHEN IT IS SAFE TO DO SO. SET UP WORK ZONE WARNINGS, SUCH AS CONES AND SIGNS, WHEN NECESSARY TO WARN OTHERS.
    - 19.12. MAY BE USED TO FACILITATE HAND DEMOLITION OPERATIONS.

MECHANICAL EQUIPMENT LIST

TYPE	MAKE/MODEL	OPERATING WEIGHT (Lbs)	LIFT CAPACITY (LBS)	HOE RAM/HYDRAULIC HAMMER ENERGY OUTPUT (FT*LBS)	FLOOR LEVEL PLACEMENT	USE DESCRIPTION		
						FULL MECHANICAL DEMO	TRANSPORTATION OF DEBRIS, EQUIPMENT OR OTHER MATERIALS	ASSIST HAND DEMOLITION
SKID STEER LOADER	BOBCAT S70	2,795	700	N/A	GRADE ONLY	N/A	•	N/A
SKID STEER LOADER	BOBCAT S150	5,935	1,500	N/A	GRADE ONLY	N/A	•	N/A
SKID STEER LOADER	BOBCAT S160	6,019	6,019	N/A	GRADE ONLY	N/A	•	N/A
SKID STEER LOADER	BOBCAT S175	6,220	1,750	N/A	GRADE ONLY	N/A	•	N/A
SKID STEER LOADER	BOBCAT S450	5,027	1,300	N/A	GRADE ONLY	N/A	•	N/A
SKID STEER LOADER	BOBCAT S550	6,213	1,750	N/A	GRADE ONLY	N/A	•	N/A
SKID STEER LOADER	CAT 226B	5,822	1,500	N/A	GRADE ONLY	N/A	•	N/A
SKID STEER LOADER	CAT 236B	7,007	1,950	N/A	GRADE ONLY	N/A	•	N/A
MINI EXCAVATOR	CAT 303.5C CR	8,200	1,256	272.9	GRADE ONLY	•	•	•
MINI EXCAVATOR	CAT 303.5E CR	7,734	1,370	272.9	GRADE ONLY	•	•	•
MINI EXCAVATOR	BOBCAT E32	7,097	1,004	300	GRADE ONLY	•	•	•
MINI EXCAVATOR	BOBCAT E35	7,383	1,082	300	GRADE ONLY	•	•	•
MINI EXCAVATOR	BOBCAT 325	6,145	686	N/A	GRADE ONLY	•	•	•
EXCAVATOR	KOMATSU PC70	15,829	2,220	N/A	GRADE ONLY	•	•	•
EXCAVATOR	KOMATSU PC200	44,114	4,960	1740	GRADE ONLY	•	•	•
EXCAVATOR	CAT 336F	88,400	9,350	6000	GRADE ONLY	•	•	•

1. A MECHANICAL EQUIPMENT ANALYSIS OF THE EXISTING STRUCTURES LOCATED AT 1024 FULTON STREET HAS BEEN COMPLETED; AND THE BUILDING IS SUITABLE TO SUPPORT THE IMPOSED MECHANICAL EQUIPMENT LIVE LOADS ON THE FLOORS, AS INDICATED ABOVE.
2. GRADE ONLY MEANS GRADE, SLAB-ON-GRADE AND BACKFILL.



MAKE:	CAT
MODEL:	CAT 236B
OPERATING WEIGHT:	7,007 LBS
(A) OVERALL LENGTH	138.0 IN
(B) OVERALL HEIGHT	82.0 IN
(C) OVERALL WIDTH	66.0 IN
(D) WHEEL BASE	45.0 IN
(E) CLEARANCE	9.3 IN
(F) HINGE PIN (MAX HT.)	122.9 IN

MAKE:	BOBCAT SKID STEER LOADER
MODEL:	BOBCAT S150
OPERATING WEIGHT:	5,935 LBS
(A) OVERALL LENGTH	101.8 IN
(B) OVERALL HEIGHT	76.3 IN
(C) OVERALL WIDTH	66.0 IN
(D) WHEEL BASE	40.6 IN
(E) CLEARANCE	7.5 IN
(F) HINGE PIN (MAX HT.)	114.5 IN

MAKE:	BOBCAT SKID STEER LOADER
MODEL:	BOBCAT S550
OPERATING WEIGHT:	6,213 LBS
(A) OVERALL LENGTH	133.0 IN
(B) OVERALL HEIGHT	78.0 IN
(C) OVERALL WIDTH	64.7 IN
(D) WHEEL BASE	42.6 IN
(E) CLEARANCE	7.3 IN
(F) HINGE PIN (MAX HT.)	114.5 IN

MAKE:	BOBCAT SKID STEER LOADER
MODEL:	BOBCAT S160
OPERATING WEIGHT:	6,019 LBS
(A) OVERALL LENGTH	101.8 IN
(B) OVERALL HEIGHT	76.3 IN
(C) OVERALL WIDTH	66.0 IN
(D) WHEEL BASE	40.6 IN
(E) CLEARANCE	7.6 IN
(F) HINGE PIN (MAX HT.)	114.5 IN

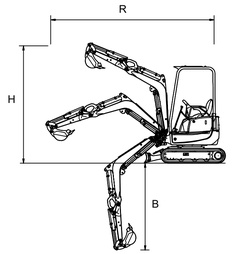
MAKE:	BOBCAT SKID STEER LOADER
MODEL:	BOBCAT S70
OPERATING WEIGHT:	2,795 LBS
(A) OVERALL LENGTH	75.6 IN
(B) OVERALL HEIGHT	71.4 IN
(C) OVERALL WIDTH	35.5 IN
(D) WHEEL BASE	28.4 IN
(E) CLEARANCE	5.6 IN
(F) HINGE PIN (MAX HT.)	94.8 FT

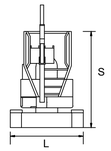
MAKE:	BOBCAT SKID STEER LOADER
MODEL:	BOBCAT S175
OPERATING WEIGHT:	6,220 LBS
(A) OVERALL LENGTH	101.8 IN
(B) OVERALL HEIGHT	76.3 IN
(C) OVERALL WIDTH	66.0 IN
(D) WHEEL BASE	40.6 IN
(E) CLEARANCE	7.6 IN
(F) HINGE PIN (MAX HT.)	118.2 IN

MAKE:	BOBCAT SKID STEER LOADER
MODEL:	BOBCAT S450
OPERATING WEIGHT:	5,027 LBS
(A) OVERALL LENGTH	126.0 IN
(B) OVERALL HEIGHT	78.0 IN
(C) OVERALL WIDTH	58.8 IN
(D) WHEEL BASE	35.4 IN
(E) CLEARANCE	8.4 IN
(F) HINGE PIN (MAX HT.)	110.4 IN

MAKE:	CAT
MODEL:	CAT 226B
OPERATING WEIGHT:	5,822 LBS
(A) OVERALL LENGTH	127.3 IN
(B) OVERALL HEIGHT	76.8 IN
(C) OVERALL WIDTH	60.0 IN
(D) WHEEL BASE	38.9 IN
(E) CLEARANCE	7.7 IN
(F) HINGE PIN (MAX HT.)	112.4 IN

1 SKID STEER LOADERS
Scale: AS NOTED





MAKE:	CAT
MODEL:	303.5C CR
OPERATING WEIGHT:	8,200 LBS
R:	REACH FROM SWING CENTER LINE: 24FT-5IN
H:	LIFT POINT HEIGHT: 16FT-6IN MAXIMUM
L:	5FT-11IN
S:	8FT-2IN
B:	10FT-4IN

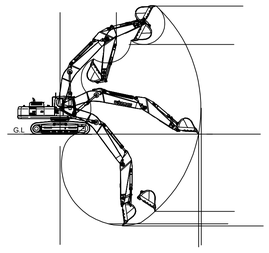
MAKE:	CAT
MODEL:	303.5E CR
OPERATING WEIGHT:	7,734 LBS
R:	REACH FROM SWING CENTER LINE: 23FT-11IN
H:	LIFT POINT HEIGHT: 16FT-6IN MAXIMUM
L:	5FT-10IN
S:	8FT-2IN
B:	9FT-7IN

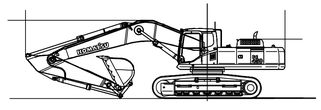
MAKE:	BOBCAT
MODEL:	E32
OPERATING WEIGHT:	7,097 LBS
R:	REACH FROM SWING CENTER LINE: 26FT-1IN
H:	LIFT POINT HEIGHT: 11FT MAXIMUM
L:	5FT-1IN
S:	8FT
B:	10FT-2IN

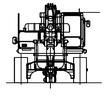
MAKE:	BOBCAT
MODEL:	E35
OPERATING WEIGHT:	7,383 LBS
R:	REACH FROM SWING CENTER LINE: 27FT
H:	LIFT POINT HEIGHT: 11FT MAXIMUM
L:	5FT-9IN
S:	8FT
B:	10FT-2IN

MAKE:	BOBCAT
MODEL:	325
OPERATING WEIGHT:	6,145 LBS
R:	REACH FROM SWING CENTER LINE: 17FT-9IN
H:	LIFT POINT HEIGHT: 13FT-1IN MAXIMUM
L:	4FT-7IN
S:	7FT-8IN
B:	8FT-4IN

2 MINI EXCAVATORS
Scale: AS NOTED







3 EXCAVATOR
Scale: AS NOTED

MAKE:	KOMATSU
MODEL:	PC 70
OPERATING WEIGHT:	15,829 LBS
WORKING RANGE	
(A) OVERALL LENGTH	19FT-11 IN
(B) OVERALL WIDTH	7FT-4 IN
(C) OVERALL HEIGHT (TOP OF CAB)	8FT-8 IN
(D) GROUND CLEARANCE, COUNTERWEIGHT	2FT-5 IN
(E) MINIMUM GROUND CLEARANCE	1FT-2 IN
(F) TAIL SWING RADIUS	5FT-9 IN
(G) LENGTH OF TRACK ON GROUND	7FT-11 IN
(H) TRACK LENGTH	9FT-1 IN
(I) TRACK GAUGE	5FT-7 IN
(J) WIDTH OF CRAWLER	7FT-1 IN
(K) SHOE WIDTH	1FT-6 IN
(L) GROUSER HEIGHT	0FT - 1IN
(M) MACHINE CAB HEIGHT	6FT-1 IN
(N) MAX. DIGGING HEIGHT	23FT-5 IN
(O) MAX. DUMPING HEIGHT	16FT-5 IN
(P) MAX. DIGGING DEPTH	13FT-5 IN
(Q) MAX. VERT. WALL DIGGING DEPTH	11FT-6 IN
(R) MAX. DIGGING DEPTH OF CUT FOR 8' LEVEL	13FT-5 IN
(S) MAX. DIGGING REACH	23FT-10 IN
(T) MAX. DIGGING REACH AT GROUND LEVEL	20FT-5 IN
(U) MIN. SWING RADIUS	5FT-9 IN

MAKE:	KOMATSU
MODEL:	PC 200
OPERATING WEIGHT:	44,114 LBS
WORKING RANGE	
(A) OVERALL LENGTH	31FT-1 IN
(B) OVERALL WIDTH	8FT-11 IN
(C) OVERALL HEIGHT (TOP OF CAB)	9FT-10 IN
(D) GROUND CLEARANCE, COUNTERWEIGHT	3FT-7 IN
(E) MINIMUM GROUND CLEARANCE	1FT-5 IN
(F) TAIL SWING RADIUS	9FT-0 IN
(G) LENGTH OF TRACK ON GROUND	10FT-9 IN
(H) TRACK LENGTH	13FT-4 IN
(I) TRACK GAUGE	7FT-3 IN
(J) WIDTH OF CRAWLER	9FT-2 IN
(K) SHOE WIDTH	2FT-0 IN
(L) GROUSER HEIGHT	0FT - 1IN
(M) MACHINE CAB HEIGHT	6FT-10 IN
(N) MAX. DIGGING HEIGHT	31FT-2 IN
(O) MAX. DUMPING HEIGHT	21FT-9 IN
(P) MAX. DIGGING DEPTH	17FT-8 IN
(Q) MAX. VERT. WALL DIGGING DEPTH	15FT-2 IN
(R) MAX. DIGGING DEPTH OF CUT FOR 8' LEVEL	16FT-0 IN
(S) MAX. DIGGING REACH	29FT-1 IN
(T) MAX. DIGGING REACH AT GROUND LEVEL	28FT-5 IN
(U) MIN. SWING RADIUS	9FT-11 IN

MAKE:	KOMATSU
MODEL:	CAT 336F
OPERATING WEIGHT:	88,400 LBS
WORKING RANGE	
(A) OVERALL LENGTH	36FT-8 IN
(B) OVERALL WIDTH	10FT-10 IN
(C) OVERALL HEIGHT (TOP OF CAB)	12FT-0 IN
(D) GROUND CLEARANCE, COUNTERWEIGHT	4FT-0 IN
(E) MINIMUM GROUND CLEARANCE	1FT-8 IN
(F) TAIL SWING RADIUS	11FT-5 IN
(G) LENGTH OF TRACK ON GROUND	13FT-3 IN
(H) TRACK LENGTH	16FT-6 IN
(I) TRACK GAUGE	8FT-6 IN
(J) WIDTH OF CRAWLER	11FT-1 IN
(K) SHOE WIDTH	1FT -6 IN
(L) GROUSER HEIGHT	0FT - 1IN
(M) MACHINE CAB HEIGHT	10FT-4 IN
(N) MAX. DIGGING HEIGHT	26FT-10 IN
(O) MAX. DUMPING HEIGHT	24FT-7 IN
(P) MAX. DIGGING DEPTH	25FT-0 IN
(Q) MAX. VERT. WALL DIGGING DEPTH	20FT-8 IN
(R) MAX. DIGGING DEPTH OF CUT FOR 8' LEVEL	18FT-1 IN
(S) MAX. DIGGING REACH	38FT-5 IN
(T) MAX. DIGGING REACH AT GROUND LEVEL	N/A
(U) MIN. SWING RADIUS	N/A

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

ANCORA
Engineering + Architecture

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STATE OF NEW YORK · JAMES M. PAPPAGEORGE · LICENSED PROFESSIONAL ENGINEER · 092183

REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
JACKIE ROBINSON YOUTH CENTER

LOCATION:
1024 FULTON STREET
BROOKLYN, NEW YORK 11238

CLIENT:
NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	10/09/2025	BID DOCUMENT & MTA 02

PROJECT NUMBER: Q1953 – C

DESIGNED BY: JP
DRAWN BY: EA
FIELD CHECK: SS
APPROVED: JP

SHEET TITLE:
MECHANICAL EQUIPMENT SPECIFICATIONS

DRAWING NUMBER:
C–530

SHEET 43 OF 43

36x24 PLOT SHEET

PRE-DEMOLITION HAZARDOUS MATERIALS SURVEY REPORT

Jackie Robinson Youth Center
1024 Fulton Street
Brooklyn, New York

OGS Project Number: Q1953
CHA Project Number: 090149

August 27, 2025

Prepared for:
NYS Office of General Services
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Albany, New York 12203

Prepared by:
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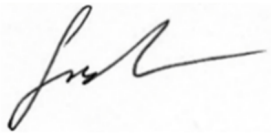
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QUALIFICATIONS AND CERTIFICATION STATEMENT

This Pre-Demolition Hazardous Materials Survey Report was compiled by a qualified environmental scientist who is also an EPA-trained and a NYSDOL certified asbestos building inspector employed by CHA.

This report has been prepared expressly for the use of The New York State Office of General Services. No other parties are entitled to rely upon this report unless our express written consent is first obtained. All conclusions drawn were based on CHA's review of available historical data, field inspection and analytical results from sampling performed during the course of this project. Recommendations are submitted based on CHA's knowledge, experience, and professional judgment.

Inspection and Report Completed By:



Seth H. Fowler, CHMM
Senior Principal Scientist VII

Report Reviewed By:



James Morey
Principal Scientist VI

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1.0 INTRODUCTION

CHA Consulting, Inc. (CHA) was retained by the New York State Office of General Services (OGS) to complete a pre-demolition hazardous material survey of Jackie Robinson Youth Center located at 1024 Fulton Street in Brooklyn, N.Y. This inspection also included the roof level flashing sealants, and the metal canopy on the building to the west, (1016 Fulton Street), which is the St. John's Church of God. The 1016 Fulton Street building roof level materials are expected to be impacted by the demolition of 1024 Fulton Street. This survey was performed to facilitate the planned demolition of 1024 Fulton Street and to ensure that hazardous materials are properly identified prior to any work that will disturb them.

This survey report consists of five sections, including this Introduction. Section 2.0 presents the Scope of Work, which outlines the parameters by which this project was performed and the limitations that were encountered. Section 3.0 – Pre-Demolition Hazardous Materials Survey, details the findings of the building inspection and suspect materials identified. Section 4.0 presents a brief overview of the inspection results while Section 5.0 presents CHA's conclusions and recommendations regarding the areas inspected within the subject building.

2.0 SCOPE OF WORK

CHA performed a pre-demolition hazardous material survey of all accessible interior and exterior portions of the subject building per Chapter 9.8 – "Hazardous Materials Guide of the NYSOGS Design Procedures Manual". This includes the visual identification and sampling of suspect asbestos-containing materials (ACMs), lead-based paints (LBPs), caulks and sealants suspected to contain polychlorinated biphenyls (PCBs), and a visual inspection for Mercury-containing items, PCB-containing items, (transformers/ballasts), Chlorofluorocarbons (CFCs), Bird Guano and Mold.

2.1 ACM Survey

This Pre-Demolition ACM Survey was completed by Environmental Protection Agency (EPA) trained and New York State Department of Labor (NYSDOL) certified asbestos building inspectors (James Morey #24-61RAP-SHAB and Seth Fowler #25-6TSS1-SHAB, employed by CHA). This survey was performed to identify and assess the condition, location, and quantity of suspect asbestos-containing materials associated with the subject building. The inspectors collected bulk samples of identified suspect asbestos-containing materials following the protocols referenced in 40 CFR Part 763.86 Subpart E (AHERA). All bulk samples collected by CHA were analyzed by Atlas Environmental Laboratory, Corp. (Atlas), an accredited laboratory certified by the New York State Department of Health's (NYDOSH) Environmental Laboratory Approval Program (ELAP) for the analysis of bulk samples.

2.2 LBP Survey

An investigation was conducted for lead-based paint (LBP) associated with the subject building. Paint chip samples of suspect LBP were collected at various locations where there is a potential for disturbance. The paint chip samples were transmitted under proper chain of custody protocol to Atlas to be analyzed by Flame AAS method. The survey was completed to assess the presence of LBP to facilitate the proper handling and management of painted building components and paint chip debris during demolition activities and is not a risk assessment for building occupants nor is it meant to be a surface-by-surface inspection for lead-based paint.

2.3 PCB Caulk Survey

CHA performed an inspection of the subject building and anticipated roof level areas of impact on 1016 Fulton Street for the presence of caulks and sealants suspected to contain polychlorinated biphenyls (PCBs). These samples were transmitted to Eurofins Laboratory and analyzed for PCB content via EPA Method 8082A.

2.4 Additional Hazardous Materials

CHA performed a visual inspection for PCB ballasts, mercury thermostat switches and gauges, CFCs, guano, and mold. No samples were collected pertaining to these materials/items. Observed materials were noted and quantified.

2.5 Limitations

There are areas along the east side of the building that are unsafe to enter due to a partial roof collapse. Controlled access zones were established that limited CHAs access within the building, however due to the open floor plan, visual inspection of these areas was able to be perfomed and all interior materials identified were able to be sampled.

The roof of 1024 Fulton Street was inaccessible during the pre-demolition survey due to the partial roof collapse and therefore the roof system and all associated flashing material and sealants are assumed to be asbestos-containing.

This pre-demolition hazardous materials survey excludes sampling for building waste characterization for disposal.

3.0 PRE-DEMOLITION HAZARDOUS MATERIALS SURVEY

1024 Fulton is a vacant 3-story building with a full cellar and a sidewalk vault. The walls at perimeter and egress stairs are brick masonry load bearing walls. The 1st floor is constructed of concrete slab deck and steel beams supported by steel columns. The 2nd floor, 3rd floor, and roof are constructed of timber beams, girders, columns and deck. The fieldwork was completed in one site visit. CHA's field observations are discussed below.

3.1 Record Review

There were no record documents available for 1024 Fulton Street aside from a 1998 Structural Report which included structural drawings, however had no information pertaining to hazardous building materials. There were no historical hazardous material survey reports or abatement plans regarding the subject building available for review.

3.2 ACM Survey

3.2.1 Cellar Level and South Retaining Wall

The cellar level of the building has concrete floors, walls, and ceilings. The floor was observed to have two types of floor tile and associated mastic; a tan 9" x 9" floor tile and a blue 12" x 12" floor tile. No insulated piping was observed. A small area in the southwest corner of the cellar area, likely a former bathroom, was observed to have white ceramic wall tile along with seam and bedding mortar. The floor tile, floor tile mastic and ceramic wall tile and associated mortars were all sampled for asbestos laboratory analysis.

The south retaining wall area is accessed from the cellar level. The retaining wall area is open to the outside and bound by the concrete and brick walls of the building, a stone wall to the east, concrete retaining wall to the south and concrete wall the west. The only suspect ACM in the retaining wall area observed was the roofing material on the roofing of a small storage room. This roofing was sampled for asbestos analysis.

3.2.2 First Floor

The first floor has a concrete floor slab, half of which is finished with a green terrazzo floor while the other half finished with a brown sheet flooring with underlayment, both suspect asbestos-containing materials. The walls of the first floor have a two-layer plaster finish. The north wall was observed to have a sheetrock wall finish. The 2-layer plaster and the sheetrock (sheetrock, tape, joint compound) are suspect ACMs and were sampled for asbestos laboratory analysis.

There are heating riser pipes along the perimeter walls that are insulated on the bottom five feet with a suspect aircell pipe insulation, additionally a larger 6' line, possibly a roof drain leader was

observed to have a hard pack thermal system insulation (Mag pipe insulation) on it. Both the aircell and mag pipe insulation as suspect ACMs and were sampled.

A few other suspect ACMs observed and sampled within the first floor were a black coating on exterior brick walls, grout to clay wall tile, brick and brick mortar/grout, and a 12” x 12” floor tile with a fiberboard underlayment beneath.

3.2.3 Second and Third Floors

The second and third floors have structural wood floors. There were a few different suspect flooring finishesobserved; a red poured floor, a 12” x 12” floor tile with a fiberboard underlayment beneath leveler, and a brown sheet flooring with underlayment. In a large portion of the 2nd floor the underlayment to the brown sheet flooring is the only flooring material present. The walls have a two-layer plaster finish similar to the first floor. The 2-layer plaster and the flooring materials noted are suspect ACMs and were sampled.

There are two areas of aircell and mag pipe insulation debris observed on the 2nd floor. No intact suspect asbestos pipe insulation was observed on pipes within the 2nd floor. Suspect mag pipe insulation was observed on 3rd floor piping that runs along the western side of the building. There is an area of pipe insulation debris on the north end of the floor where the pipe run has fallen to the wood floor. The debris consists of aircell as well as mag pipe insulation. Both the aircell and mag pipe insulation are suspect ACMs and were sampled for laboratory analysis.

On the third floor, CHA observed a vertical sheetrock firewall at the roof deck/ceiling level measuring approximately 2-3 feet in height. This is likely from a past ceiling system which is no longer present. CHA also observed suspect blown-in insulation on the ceiling framing and on the floor within this same area. This material is assumed to have been on the ceiling system which is no longer present. The sheetrock firewall and the blown-in insulation were both sampled for asbestos laboratory analysis.

3.2.4 Roof Level & Exterior

CHA was unable to safely access the roof level of 1024 Fulton Street and as such, the roof system and all associated flashing material and sealants are assumed to be asbestos-containing. There was roofing material/debris observed within the first floor in the area of the collapse, at the east side of the building and these suspect roofing materials for sampled for laboratory analysis.

There was limited access to observe and sample suspect window materials due to the window openings being boarded up from the exterior and covered on the inside by infill or steel mesh. The window glazing and caulking on these windows is assumed to be asbestos-containing.

3.2.5 1016 Fulton Roof and Alley

A limited inspection of the roof level of 1016 Fulton Street, the building directly west of 1024 Fulton Street, was performed. The inspection was limited to the east edge of the roof and the metal canopy structure that joins the roof of 1016 Fulton with the upper exterior wall of 1024 Fulton. The metal canopy is scheduled for removal as part of the demolition of 1024 Fulton. There were a few suspect ACMs observed associated with the metal canopy which included window glazing compound, and skylight gaskets. In the area where the canopy attaches to the roof of 1016 Fulton, along the parapet wall two types of silvercoat paint were observed, as well as two types of grey roof sealant. These suspect materials were sampled for laboratory analysis.

Directly beneath the metal canopy is an alley that separates 1016 Fulton from 1024 Fulton Street. This alley will impacted by the demolition of 1024 Fulton and as such, it was inspected for suspect ACMs. Upon inspection, CHA observed two suspect ACMs were observed in the alley. The first is a black foundation coating observed along the south end of the alley, against the foundation wall of 1024 Fulton St. The second is a single layer plaster material that was observed on a door opening/threshold wall within the alley. Both materials were sampled for laboratory analysis.

See Section 4.0 for a discussion of confirmed and assumed ACMs as well as the Table A-1 in Appendix A for a summary of asbestos analytical results, and Appendix B which includes the asbestos laboratory analytical report.

3.3 Lead-Based Paint Survey

CHA collected seven paint chip samples in the interior and exterior of 1024 Fulton. The painted surfaces are largely on plaster walls, concrete walls, doors, and stairs. There was a single sampling of white paint collected from the western exterior metal canopy wall of 1024 Fulton Street in the Alley. See Section 4.0 for discussion of sample results and a sample summary of paint chips collected can be found in Table C-1 in Appendix C, while the LBP laboratory analytical report can be found in Appendix D.

3.4 PCB Caulk / Sealant Inventory

CHA performed an inspection of 1024 Fulton and the roof level at the adjacent church at 1016 Fulton Street for the presence of caulks and sealants suspected to contain PCBs. Upon inspection, CHA observed window glazing compound and skylight window sealant on the exterior of the subject buildings. Individual samples of caulk/sealant were collected and analyzed for PCBs under EPA Method 8082. See Section 4.0 for a discussion of results and a sample summary can be found in Table E-1 in Appendix E, while the corresponding analytical report can be found in Appendix F.

3.5 Additional Hazardous Materials Inventory

Fluorescent light fixtures were observed only in the first floor entry way and in a cellar storage room. The remainder of the building has had lighting removed with the exception of temporary incandescent string lighting in select areas. The fluorescent light fixtures could not be opened and are assumed to have ballasts that are PCB-containing. The fluorescent light tubes contain trace amounts of mercury and are typically handled as universal waste. See Section 5.1 for an estimated quantity of light tubes observed within the building.

In addition to ballasts and fluorescent light tubes, CHA also inspected both buildings for mercury-containing thermostat switches and controls. Upon inspection, CHA observed no thermostats or switches.

Due to the collapsed area of the building and the open roof in that area there are signs that areas are and have been wet due to rain/snow events however there was no widespread mold growth observed in the building. Rather there was localized vegetative growth in the areas exposed to the elements. Finally, CHA also observed bird guano and bird carcasses and skeletons present, typically near windows.

CHA observed no machinery that would have CFC-containing refrigerant. There were also no lead-acid batteries observed.

4.0 RESULTS

CHA identified 46 suspect asbestos-containing materials during the pre-demolition asbestos survey and a total of 117 individual bulk samples were collected. Of the 46-suspect asbestos-containing materials, 11 confirmed asbestos-containing materials were identified through laboratory analysis. All confirmed ACMs are summarized in Table 4-1 below.

Table 4-1
Assumed and Confirmed ACM Summary

Material	Locations(s)	Estimated Quantity	Friability
Assumed ACM			
Built-Up Roofing, Flashing, and Sealants	Roof – 1024 Fulton	11,200 Square Feet	Non-Friable
Window Glazing and Caulk	Windows – 1024 Fulton	Type 1 – 30 windows (28 lf of glazing ea./22 lf caulking ea.) Type 2 – 9 windows (56 lf of glazing ea./28 lf of caulking ea.	Non-Friable

Material	Locations(s)	Estimated Quantity	Friability
Confirmed ACM			
Aircell Pipe Insulation	1st Floor	25 linear feet	Friable
	2nd Floor	8 linear feet	
Aircell Pipe Insulation Debris	1st Floor	45 square feet	Friable
	2nd Floor	9 square feet	
Mag Pipe Insulation	1st Floor	20 linear feet	Friable
	3rd Floor	165 linear feet	
Mag Pipe Insulation Debris	1st Floor	100 square feet	Friable
	2nd Floor	260 square feet	
	3rd Floor	510 square feet	
Red Poured Floor	1st Floor (in debris pile)	675 square feet	Non-Friable
	2nd Floor	1,850 square feet	
9"x9" Floor Tile - Brown	3rd Floor	1,500 square feet	Non-Friable
9"x9" Floor Tile - Tan	Basement	4,620 square feet	Non-Friable
Roof Material	Storage Shed – South Side Basement Level	65 square feet	Non-Friable
Grey Roof Sealant – Newer/Older	Roof – 1016 Fulton (Metal Canopy)	175 linear feet	Non-Friable
Skylight Gasket	Roof – 1016 Fulton (Metal Canopy)	325 linear feet (5 skylights)	Non-Friable

sf – square feet
lf – linear feet

All asbestos bulk samples that were collected are summarized in Table A-1 located in Appendix A and laboratory analytical reports are included as Appendix B. Table A-1 lists each bulk sample, the location from which it was collected, and also provides the analytical result for each sample. All samples were collected by NYSDOL certified asbestos inspectors and all samples were analyzed by NYSDOH ELAP certified laboratories. Personal and laboratory certifications can be found in Appendix G.

All lead paint chip samples that were collected are summarized in Table C-1 located in Appendix C and laboratory analytical reports are included in Appendix D. Five of the seven samples collected were found to contain detectable levels of lead and two of those five exceeded the 0.5% by weight threshold to be considered a lead-based paint. The highest concentrations were found

in the white paint found on the exterior of the building on the west side beneath the metal canopy (9.59%) and in the green pain on a metal door on the 2nd floor east stair landing (1.77%).

CHA collected a total of two glazing compounds and sealants from the metal canopy on the roof of 1016 Fulton. These samples were analyzed for PCBs per EPA Method 8082. There were no PCBs detected in either of the two samples collected. All PCB samples that were collected are summarized in Table E-1 located in Appendix E and laboratory analytical reports are included in Appendix F.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based upon the scope of work outlined in Section 2.0 of this report and CHA's review of the analytical results and observations made during the inspection, the following conclusions and recommendations have been developed.

5.1 Conclusions

1. Eleven confirmed asbestos-containing materials and three assumed asbestos-containing materials were identified during this survey. All confirmed and assumed asbestos-containing materials will be impacted by the building demolition project and will require abatement by a licensed contractor prior to any demolition activities that would disturb them.

2. One material (Wall Plaster – subcoat) was found to contain 1.0% or less asbestos. While this material is not considered an ACM, OSHA requires workers to be protected from any concentration of asbestos under the OSHA Asbestos in Construction Standard, Title 29 CFR 1926.1101.

3. Lead-based and lead-containing paints were confirmed on a limited number of walls, metal doors, and stair components throughout the subject building. The lead-containing paints are those found to have detectable levels of lead under the EPA/HUD threshold of 0.5%. They are not considered lead-based paints but since they do contain a measurable amount of lead and therefor do trigger the requirements of the OSHA Lead in Construction Standard, Title 29 CFR 1926.62.

4. CHA collected a total of 2 caulks/sealants for PCB analysis and both samples had no detectable level of PCB aroclors.

5. CHA observed approximately 6 fluorescent light tubes within the subject building and approximately 4 ballasts in those fixtures, which are assumed to be PCB-containing.

6. Guano and bird carcasses are present in select areas of the subject building, but will be impacted during any general demolition work and movement through the building.

5.2 Recommendations

1. All assumed and confirmed ACMs identified will be impacted or disturbed by the upcoming demolition project and will require removal prior to that work by a licensed asbestos abatement contractor.

2. New York State Industrial Code Rule 56 (Code Rule 56) Section 1.5 entitled "Responsibility for Cleanup of Uncontrolled Disturbance" states that "If there is an incidental disturbance or other disturbance (not as part of a controlled asbestos project) of ACM, at a building or structure, upon discovery of the disturbance, the property owner shall be responsible for contracting with a licensed asbestos abatement contractor for immediate isolation of the disturbance and cleanup in accordance with all provisions of this Part." CHA hereby notifies the owner of the presence of asbestos debris observed within the 1st, 2nd, and 3rd floors and the requirements of Code Rule 56. Due to the quantity of the asbestos debris present (greater than 10 square feet) a site-specific variance is required prior to removal of the asbestos debris by a licensed asbestos abatement contractor. A site-specific variance is being prepared for inclusion in the contract documents for this project.

3. If additional suspect materials are discovered during the demolition project that have not been identified within this pre-demolition hazardous materials survey report, those materials should be assumed to be asbestos-containing and treated as such until they have been inspected by a certified asbestos building inspector and sampled for laboratory analysis.

4. OSHA requires workers be protected from any concentration of asbestos. Therefore, while removing or demolishing materials that contain <1.0% asbestos, workers must wear respiratory protection. In order for workers not to wear respiratory protection a negative exposure assessment (Title 29 CFR 1926.1101(f)) would need to be performed to determine if workers will be exposed to asbestos fibers above the OSHA permissible exposure limit (PEL) of 0.1 fibers per cubic centimeter (f/cc) or the short term exposure limit (STEL) of 1.0 f/cc while removing any of the trace materials described above.

5. EPA and HUD considers paint greater than 0.5% lead by weight to be a lead-based paint. In addition, any measurable amount of lead in paint requires compliance with the OSHA

Lead in Construction Standard. As a result, any work that impacts painted surfaces containing lead, the OSHA Lead in Construction Standard must be followed by the contractor and all waste should be characterized to determine lead content for disposal.

6. The fluorescent light tubes throughout the subject building should be managed as hazardous waste/universal waste in accordance with applicable state and federal regulations prior to any demolition activities that could impact them.

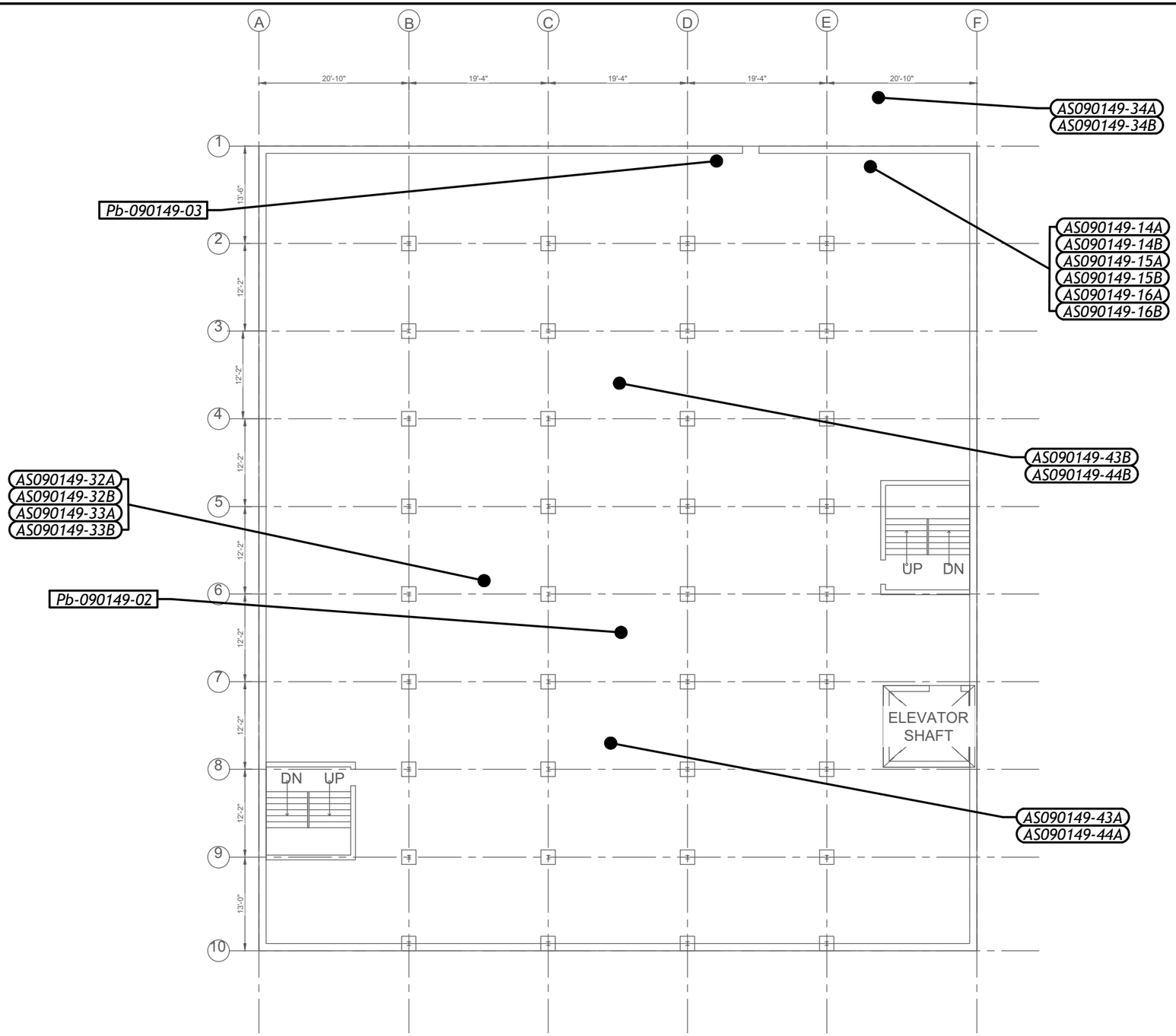
7. Due to the presence of lead paint in the building there is the potential for some components of the building waste stream to be hazardous waste. CHA recommends that during construction, once waste segregation is determined, that the waste streams containing painted surfaces be tested for lead following a toxicity characteristic leaching procedure (TCLP) extraction to ensure the waste is properly characterized and disposed of appropriately.

8. Per New York State Code Rule 56-5.1(g) *Transmittal of Building/Structure Asbestos Survey Information*, information from the building survey shall be immediately transmitted by the government or the Contracting Officer to the entity charged with issuing a permit for demolition under applicable State or local laws. New York State considers any removal of load bearing structural supports as a demolition activity. Since the current project includes full building demolition, it is also the building owner's responsibility to transmit this report to the local asbestos control bureau district office.

Asbestos Control Bureau District Office
New York State Department of Labor
Division of Safety and Health
New York City District
One Hudson Square, 75 Varick Street (7th Floor),
New York, NY 10013
(212) 775-3532

9. This inspection report shall not solely serve as an asbestos abatement design document for obtaining bids from abatement contractors. Specific abatement design documents are being prepared which will specify procedures and protocols that must be observed in order to ensure that abatement activities are completed in a manner consistent with local, state and federal regulations and requirements prior to the planned demolition project.

FIGURES



LEGEND

ASBESTOS BULK SAMPLE	*AS090149-01A*
PCB BULK SAMPLE	*PCB-090149JM-01*
LEAD PAINT BULK SAMPLE	*Pb-090149-01*

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SAMPLE LOCATION PLAN - CELLAR/BASEMENT

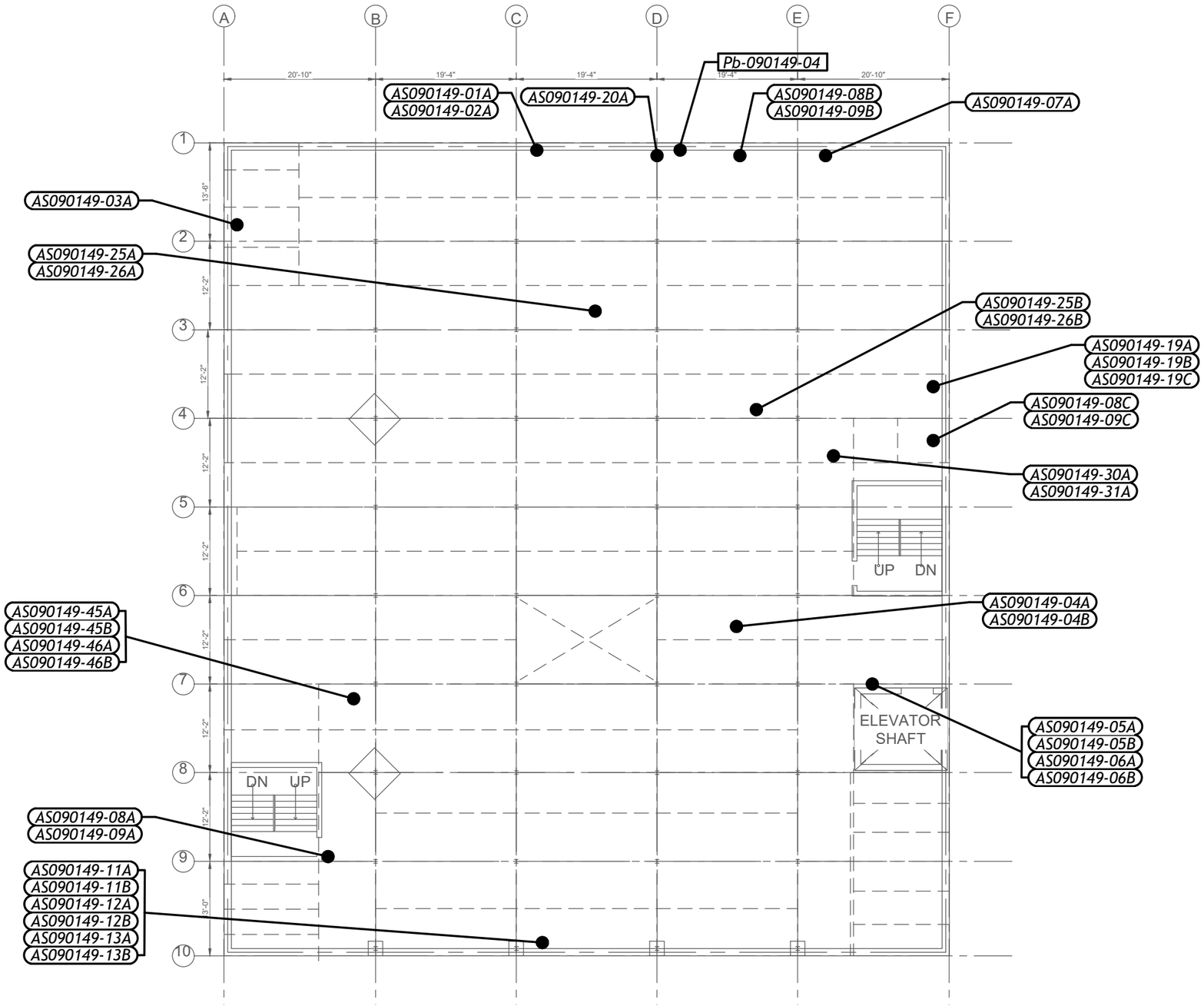
JACKIE ROBINSON YOUTH CENTER
1024 FULTON STREET
BROOKLYN, NEW YORK

PROJECT NO. 090149

DATE: 08/2025

FIGURE 1

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LEGEND

ASBESTOS BULK SAMPLE	*AS090149-01A*
PCB BULK SAMPLE	*PCB-090149JM-01*
LEAD PAINT BULK SAMPLE	*Pb-090149-01*

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SAMPLE LOCATION PLAN - 1ST FLOOR

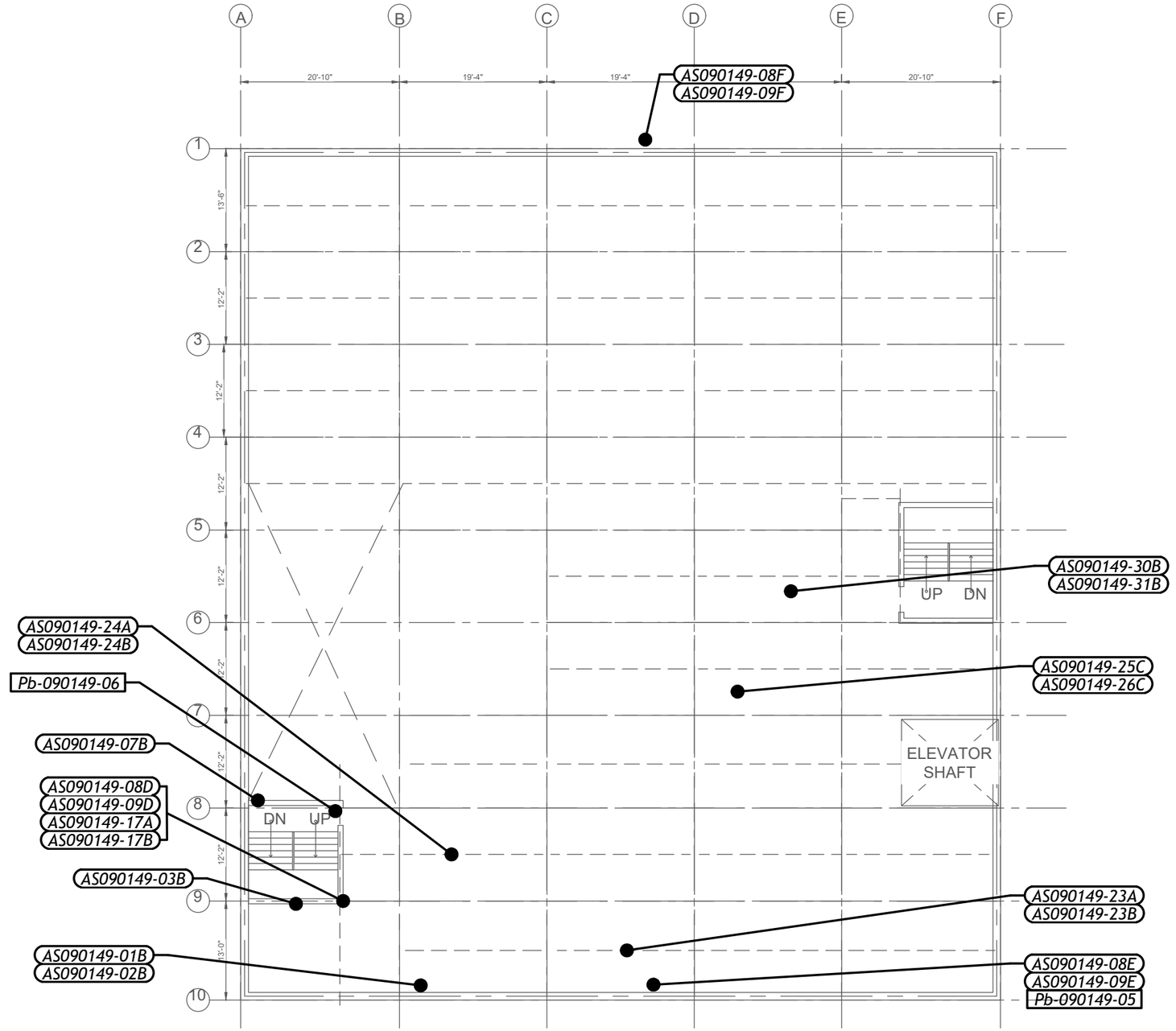
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1024 FULTON STREET
BROOKLYN, NEW YORK

PROJECT NO. 090149

DATE: 08/2025

FIGURE 2

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LEGEND

ASBESTOS BULK SAMPLE	*AS090149-01A*
PCB BULK SAMPLE	*PCB-090149JM-01*
LEAD PAINT BULK SAMPLE	*Pb-090149-01*

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SAMPLE LOCATION PLAN - 2ND FLOOR

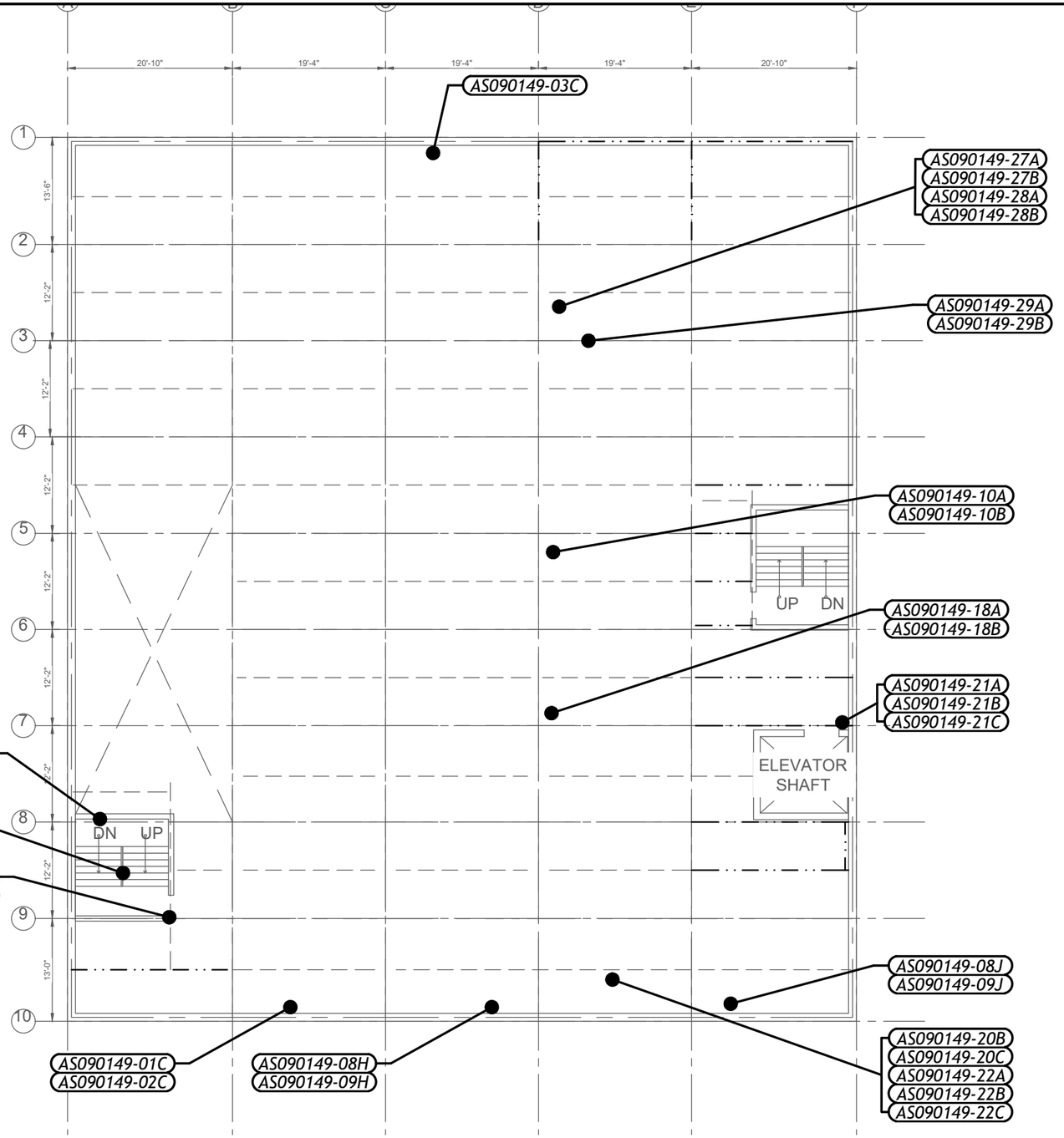
JACKIE ROBINSON YOUTH CENTER
1024 FULTON STREET
BROOKLYN, NEW YORK

PROJECT NO. 090149

DATE: 08/2025

FIGURE 3

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LEGEND

ASBESTOS BULK SAMPLE	*AS090149-01A*
PCB BULK SAMPLE	*PCB-090149JM-01*
LEAD PAINT BULK SAMPLE	*Pb-090149-01*

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SAMPLE LOCATION PLAN -3RD FLOOR

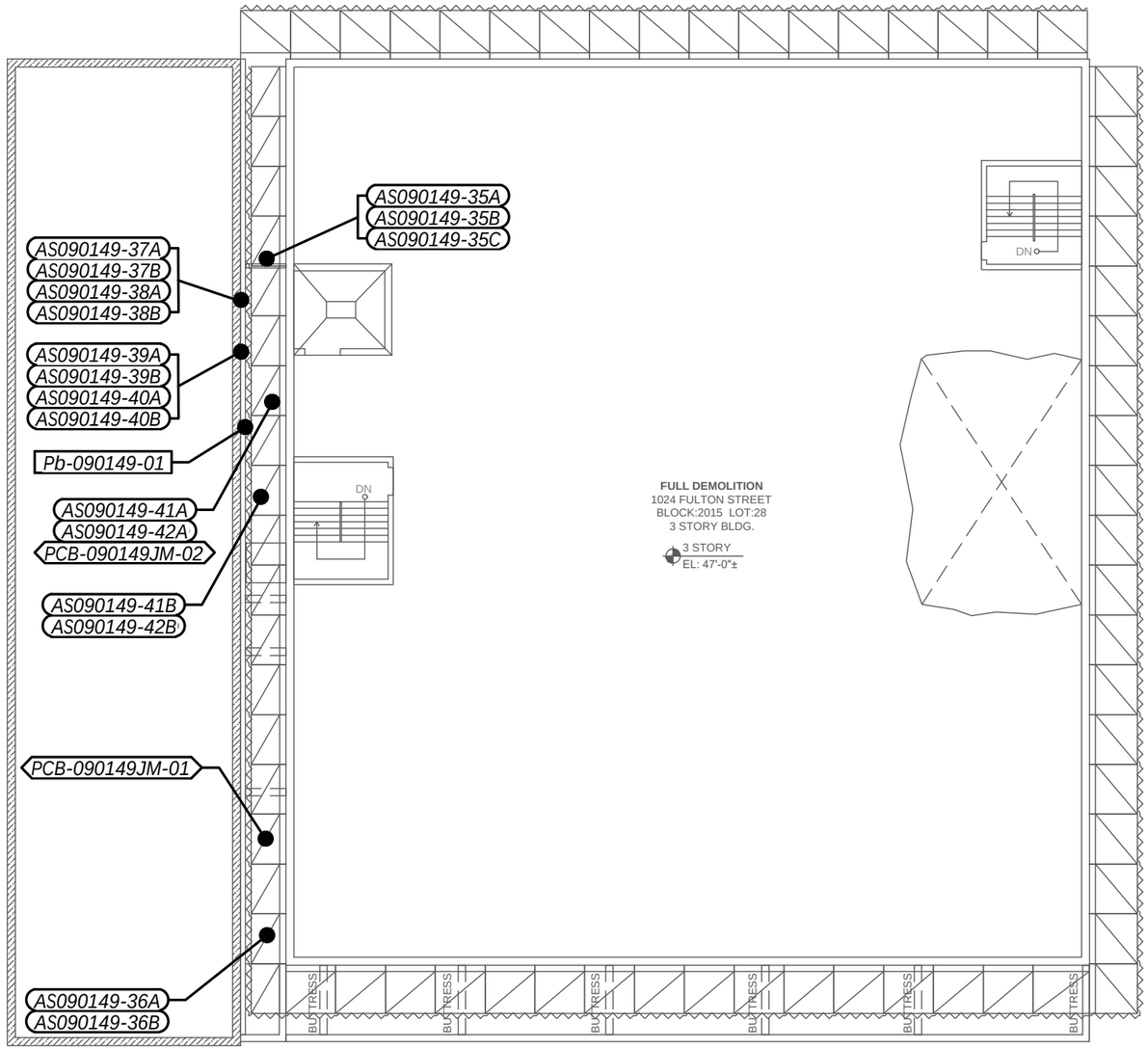
JACKIE ROBINSON YOUTH CENTER
1024 FULTON STREET
BROOKLYN, NEW YORK

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DATE: 08/2025

FIGURE 4

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LEGEND

ASBESTOS BULK SAMPLE	AS090149-01A
PCB BULK SAMPLE	PCB-090149JM-01
LEAD PAINT BULK SAMPLE	Pb-090149-01

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SAMPLE LOCATION PLAN -ROOF PLAN

JACKIE ROBINSON YOUTH CENTER
1016 FULTON STREET
BROOKLYN, NEW YORK

PROJECT NO. 090149

DATE: 08/2025

FIGURE 5

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APPENDIX A

Asbestos Bulk Sample Summary Table

TABLE A-1
ASBESTOS BULK SAMPLE SUMMARY
JACKIE ROBINSON COMMUNITY CENTER
1024 FULTON STREET, BROOKLYN, NY

SAMPLE NUMBER	SUSPECT MATERIAL DESCRIPTION	SAMPLE LOCATION	ASBESTOS CONTENT (%)
AS090149-01A	Brick	1st Floor	NAD
AS090149-01B	Brick	2nd Floor	NAD
AS090149-01C	Brick	3rd Floor	NAD
AS090149-02A	Grout to Brick	1st Floor	NAD
AS090149-02B	Grout to Brick	2nd Floor	NAD
AS090149-02C	Grout to Brick	3rd Floor	NAD
AS090149-03A	CMU Mortar	1st Floor (East Wall)	NAD
AS090149-03B	CMU Mortar	2nd Floor (Stairwell)	NAD
AS090149-03C	CMU Mortar	3rd Floor (South Wall)	NAD
AS090149-04A	Terrazzo Floor	1st Floor (Center)	NAD
AS090149-04B	Terrazzo Floor	1st Floor (Center)	NAD
AS090149-05A	Grout to Clay Wall Tile	1st Floor (Near Stair)	NAD
AS090149-05B	Grout to Clay Wall Tile	1st Floor (Near Stair)	NAD
AS090149-06A	Clay Wall Tile	1st Floor (Near Stair)	NAD
AS090149-06B	Clay Wall Tile	1st Floor (Near Stair)	NAD
AS090149-07A	Black Coating on Brick Wall	1st Floor	NAD
AS090149-07B	Black Coating on Brick Wall	2nd Floor	NAD
AS090149-07C	Black Coating on Brick Wall	3rd Floor	NAD
AS090149-08A	Wall Plaster - Skimcoat	1st Floor	NAD
AS090149-08B	Wall Plaster - Skimcoat	1st Floor	NAD
AS090149-08C	Wall Plaster - Skimcoat	1st Floor	NAD
AS090149-08D	Wall Plaster - Skimcoat	2nd Floor	NAD
AS090149-08E	Wall Plaster - Skimcoat	2nd Floor	NAD
AS090149-08F	Wall Plaster - Skimcoat	2nd Floor	NAD
AS090149-08G	Wall Plaster - Skimcoat	3rd Floor	NAD
AS090149-08H	Wall Plaster - Skimcoat	3rd Floor	NAD
AS090149-08I	Wall Plaster - Skimcoat	3rd Floor	NAD
AS090149-09A	Wall Plaster - Subcoat	1st Floor	Trace (<1.0%) Chrysotile
AS090149-09B	Wall Plaster - Subcoat	1st Floor	Trace (<1.0%) Chrysotile
AS090149-09C	Wall Plaster - Subcoat	1st Floor	Trace (<1.0%) Chrysotile
AS090149-09D	Wall Plaster - Subcoat	2nd Floor	NAD
AS090149-09E	Wall Plaster - Subcoat	2nd Floor	NAD
AS090149-09F	Wall Plaster - Subcoat	2nd Floor	NAD
AS090149-09G	Wall Plaster - Subcoat	3rd Floor	NAD
AS090149-09H	Wall Plaster - Subcoat	3rd Floor	NAD
AS090149-09I	Wall Plaster - Subcoat	3rd Floor	NAD
AS090149-10A	Sheetrock Firewall	3rd Floor (Center)	NAD
AS090149-10B	Sheetrock Firewall	3rd Floor (Center)	NAD
AS090149-11A	Joint Compound	1st Floor	NAD
AS090149-11B	Joint Compound	1st Floor	NAD
AS090149-12A	Sheetrock Tape	1st Floor	NAD
AS090149-12B	Sheetrock Tape	1st Floor	NAD
AS090149-13A	Sheetrock	1st Floor	NAD
AS090149-13B	Sheetrock	1st Floor	NAD
AS090149-14A	Mortar to Ceramic Wall Tile	Basement	NAD
AS090149-14B	Mortar to Ceramic Wall Tile	Basement	NAD
AS090149-15A	Seam Grout to Ceramic Wall Tile	Basement	NAD
AS090149-15B	Seam Grout to Ceramic Wall Tile	Basement	NAD
AS090149-16A	Ceramic Subway Tile	Basement	NAD
AS090149-16B	Ceramic Subway Tile	Basement	NAD
AS090149-17A	Wire Jacketing (Cloth)	2nd Floor (Junction Box)	NAD
AS090149-17B	Wire Jacketing (Cloth)	2nd Floor (Junction Box)	NAD
AS090149-18A	Blown-In Insulation (On Floor)	3rd Floor	NAD
AS090149-18B	Blown-In Insulation (On Floor)	3rd Floor	NAD

TABLE A-1
ASBESTOS BULK SAMPLE SUMMARY
JACKIE ROBINSON COMMUNITY CENTER
1024 FULTON STREET, BROOKLYN, NY

SAMPLE NUMBER	SUSPECT MATERIAL DESCRIPTION	SAMPLE LOCATION	ASBESTOS CONTENT (%)
AS090149-19A	I-Beam Insulation	1st Floor (Adj. to Stair)	NAD
AS090149-19B	I-Beam Insulation	1st Floor (Adj. to Stair)	NAD
AS090149-19C	I-Beam Insulation	1st Floor (Adj. to Stair)	NAD
AS090149-20A	**Aircell Pipe Insulation**	**1st Floor (South)**	**57% CHRY**
AS090149-20B	**Aircell Pipe Insulation**	**3rd Floor (North)**	**NA/PS**
AS090149-20C	**Aircell Pipe Insulation**	**3rd Floor (North)**	**NA/PS**
AS090149-21A	**Mag Pipe Insulation**	**1st Floor**	**67% CHRY**
AS090149-21B	**Mag Pipe Insulation**	**1st Floor**	**NA/PS**
AS090149-21C	**Mag Pipe Insulation**	**1st Floor**	**NA/PS**
AS090149-22A	**Mag Pipe Insulation**	**3rd Floor**	**36% CHRY**
AS090149-22B	**Mag Pipe Insulation**	**3rd Floor**	**NA/PS**
AS090149-22C	**Mag Pipe Insulation**	**3rd Floor**	**NA/PS**
AS090149-23A	**Mag Pipe Insulation Debris**	**2nd Floor (North)**	**44% CHRY**
AS090149-23B	**Mag Pipe Insulation Debris**	**2nd Floor (North)**	**NA/PS**
AS090149-24A	**Red Poured Floor**	**2nd Floor**	**1.3% CHRY**
AS090149-24B	**Red Poured Floor**	**2nd Floor**	**NA/PS**
AS090149-25A	Tar Paper Beneath Brown Sheet Flooring	1st Floor	NAD
AS090149-25B	Tar Paper Beneath Brown Sheet Flooring	1st Floor	NAD
AS090149-25C	Tar Paper Beneath Brown Sheet Flooring	1st Floor	NAD
AS090149-26A	Brown Sheet Flooring	1st Floor	NAD
AS090149-26B	Brown Sheet Flooring	1st Floor	NAD
AS090149-26C	Brown Sheet Flooring	1st Floor	NAD
AS090149-27A	Tar Paper Beneath Brown 9"x9" Floor Tile	3rd Floor (South)	NAD
AS090149-27B	Tar Paper Beneath Brown 9"x9" Floor Tile	3rd Floor (South)	NAD
AS090149-28A	**Brown 9"x9" Floor Tile**	**3rd Floor (South)**	**11% CHRY**
AS090149-28B	**Brown 9"x9" Floor Tile**	**3rd Floor (South)**	**NA/PS**
AS090149-29A	Paper Underlayment	3rd Floor (South)	NAD
AS090149-29B	Paper Underlayment	3rd Floor (South)	NAD
AS090149-30A	Fiberboard Underlayment Beneath White 12"x12" Floor Tile	1st Floor	NAD
AS090149-30B	Fiberboard Underlayment Beneath White 12"x12" Floor Tile	2nd Floor (South)	NAD
AS090149-31A	White 12"x12" Floor Tile	1st Floor	NAD
AS090149-31B	White 12"x12" Floor Tile	2nd Floor (South)	NAD
AS090149-32A	Mastic to Blue 12"x12" Floor Tile	Basement	NAD
AS090149-32B	Mastic to Blue 12"x12" Floor Tile	Basement	NAD
AS090149-33A	Blue 12"x12" Floor Tile	Basement	NAD
AS090149-33B	Blue 12"x12" Floor Tile	Basement	NAD
AS090149-34A	**Roof Material - Storage Shed**	**South Side - Basement Level**	**2.5% CHRY**
AS090149-34B	**Roof Material - Storage Shed**	**South Side - Basement Level**	**NA/PS**
AS090149-35A	Single Layer Plaster	In Alley	NAD
AS090149-35B	Single Layer Plaster	In Alley	NAD
AS090149-35C	Single Layer Plaster	In Alley	NAD
AS090149-36A	Foundation Coating	In Alley	NAD
AS090149-36B	Foundation Coating	In Alley	NAD
AS090149-37A	**Grey Roof Sealant - Newer**	**Roof**	**2.7% CHRY**
AS090149-37B	**Grey Roof Sealant - Newer**	**Roof**	**NA/PS**
AS090149-38A	**Grey Roof Sealant - Older**	**Roof**	**2.3% CHRY**
AS090149-38B	**Grey Roof Sealant - Older**	**Roof**	**NA/PS**
AS090149-39A	Silvercoat Roof Paint - Newer	Roof	NAD
AS090149-39B	Silvercoat Roof Paint - Newer	Roof	NAD
AS090149-40A	Silvercoat Roof Paint - Older	Roof	NAD
AS090149-40B	Silvercoat Roof Paint - Older	Roof	NAD
AS090149-41A	Window Glazing Compound	Church Roof	NAD
AS090149-41B	Window Glazing Compound	Church Roof	NAD
AS090149-42A	**Skylight Gasket**	**Church Roof**	**2.1% CHRY**

TABLE A-1
ASBESTOS BULK SAMPLE SUMMARY
JACKIE ROBINSON COMMUNITY CENTER
1024 FULTON STREET, BROOKLYN, NY

SAMPLE NUMBER	SUSPECT MATERIAL DESCRIPTION	SAMPLE LOCATION	ASBESTOS CONTENT (%)
AS090149-42B	**Skylight Gasket**	**Church Roof**	**NA/PS**
AS090149-43A	Mastic to 9"x9" Tan Floor Tile	Basement	NAD
AS090149-43B	Mastic to 9"x9" Tan Floor Tile	Basement	NAD
AS090149-44A	**9"x9" Tan Floor Tile**	**Basement**	**8.3% CHRY**
AS090149-44B	**9"x9" Tan Floor Tile**	**Basement**	**NA/PS**
AS090149-45A	Foam Paper on Roof Insulation	First Floor (Collapsed Area)	NAD
AS090149-45B	Foam Paper on Roof Insulation	First Floor (Collapsed Area)	NAD
AS090149-46A	Top Roofing Layer (On Floor)	First Floor (Collapsed Area)	NAD
AS090149-46B	Bottom Roofing Layer (On Floor)	First Floor (Collapsed Area)	NAD

NAD- No Asbestos Detected
NA/PS- Not analyzed positive stop

APPENDIX B

Asbestos Bulk Sample Analytical Report

Atlas Environmental Lab, Corp.
255 West 36th Street, Suite# 1503
New York, NY 10018
Phone:(212) 563-0400 Fax:(212) 563-0401
www.atlasenvironmentallab.com

Bulk Asbestos Report by PLM-TEM

Client: CHA Consulting, Inc
Collected by: Client
Project Name/No.: 090149
Project Address: Jackie Robinson Community Center
Work Area:

Lab ID: BK0625267
Date Received: 06/18/2025
PLM Date Analyzed: 06/18 & 06/19/2025
TEM Date Analyzed: 6/19/2025
Report Date: 6/20/2025

Client ID#	Lab ID#	Description/ Location	Analyst Description	ORG %	All%	ASI%	PLM			TEM	Method By ELAP		
							Fibrous%	Non Fibrous%	Asbestos% &Type	Asbestos% &Type	PLM 198.1	PLM NOB 198.6	TEM 198.4
AS090149-01A	BK0625073-1	Brick - 1st FL	Red, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-01B	BK0625073-2	Brick - 2nd FL	Red, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-01C	BK0625073-3	Brick - 3rd FL	Red, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-02A	BK0625073-4	Grout to Brick - 1st FL	Grey, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-02B	BK0625073-5	Grout to Brick - 2nd FL	Grey, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-02C	BK0625073-6	Grout to Brick - 3rd FL	Grey, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-03A	BK0625073-7	CMU Mortar - 1st FL (East Wall)	Grey, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-03B	BK0625073-8	CMU Mortar - 2nd FL (Stairwell)	Grey, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-03C	BK0625073-9	CMU Mortar - 2nd FL (South Wall)	Grey, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-4A	BK0625073-10	Terrazzo Floor - 1st FL Center	Grey, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		

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							Fibrous%	Non Fibrous%	Asbestos% &Type	Asbestos% &Type	PLM 198.1	PLM NOB 198.6	TEM 198.4
AS090149-4B	BK0625073-11	Terrazzo Floor - 1st FL Center	Grey, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-5A	BK0625073-12	Grout to Clay Wall Tile - 1st FL (Near Stair)	Grey, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-5B	BK0625073-13	Grout to Clay Wall Tile - 1st FL (Near Stair)	Grey, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-6A	BK0625073-14	Clay Wall Tile - 1st FL (Near Stair)	Red, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-6B	BK0625073-15	Clay Wall Tile - 1st FL (Near Stair)	Red, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-7A	BK0625073-16	Black Coating on Brick Walls - 1st FL (South	Black, Homogeneous, Non-Fibrous	9.0	61.1	29.9	0%	100%	NAD Inconclusive	NAD		X	X
AS090149-7B	BK0625073-17	Black Coating on Brick Walls - 2nd FL (Stair)	Black, Homogeneous, Non-Fibrous	23.7	18.0	58.3	0%	100%	NAD Inconclusive	NAD		X	X
AS090149-7C	BK0625073-18	Black Coating on Brick Walls - 2nd FL (Stair)	Black, Homogeneous, Non-Fibrous	23.5	36.3	40.3	0%	100%	NAD Inconclusive	NAD		X	X
AS090149-8A	BK0625073-19	Wall Plaster - Skim Coat - 1st FL - Stair	White, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-8B	BK0625073-20	Wall Plaster - Skim Coat - 1st FL - South Wall	White/Beige Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		

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AS090149-8C	BK0625073-21	Wall Plaster - Skim Coat - 1st FL - East Wall	White, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-8D	BK0625073-22	Wall Plaster - Skim Coat - 2nd Floor - Stair	White, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-8E	BK0625073-23	Wall Plaster - Skim Coat - 2nd Floor - North	White, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-8F	BK0625073-24	Wall Plaster - Skim Coat - 2nd Floor - South	White, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-8G	BK0625073-25	Wall Plaster - Skim Coat 3rd FL - Stair	White, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-8H	BK0625073-26	Wall Plaster - Skim Coat 3rd FL - North	White, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-8I	BK0625073-27	Wall Plaster - Skim Coat 3rd FL - North	White, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-9A	BK0625073-28	Wall Plaster - Sub Coat - 1st FL - Stair	Grey, Homogeneous, Friable	Not Applicable			0%	~99%	Trace (<1%)CHRY		X		
AS090149-9B	BK0625073-29	Wall Plaster - Sub Coat - 1st FL - South Wall	Grey, Homogeneous, Friable	Not Applicable			0%	~99%	Trace (<1%)CHRY		X		
AS090149-9C	BK0625073-30	Wall Plaster - Sub Coat - 1st FL - East Wall	Grey, Homogeneous, Friable	Not Applicable			0%	~99%	Trace (<1%)CHRY		X		

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							Fibrous%	Non Fibrous%	Asbestos% &Type	Asbestos% &Type	PLM 198.1	PLM NOB 198.6	TEM 198.4
AS090149-9D	BK0625073-31	Wall Plaster - Sub Coat - 2nd Floor - Stair	Grey, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-9E	BK0625073-32	Wall Plaster - Sub Coat - 2nd Floor - North	Grey, Homogeneous, Friable	Not Applicable			5%WOOD	95%	NAD		X		
AS090149-9F	BK0625073-33	Wall Plaster - Sub Coat - 2nd Floor - South	Grey, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-9G	BK0625073-34	Wall Plaster - Sub Coat 3rd FL - Stair	Grey, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-9H	BK0625073-35	Wall Plaster - Sub Coat 3rd FL - North	Grey, Homogeneous, Friable	Not Applicable			5%WOOD	95%	NAD		X		
AS090149-9I	BK0625073-36	Wall Plaster - Sub Coat 3rd FL - North	Grey, Homogeneous, Friable	Not Applicable			5%WOOD	95%	NAD		X		
AS090149-10A	BK0625073-37	Sheetrock Firewall - 3rd FL - Center	Grey, Homogeneous, Friable	Not Applicable			5%CELL	95%	NAD		X		
AS090149-10B	BK0625073-38	Sheetrock Firewall - 3rd FL - Center	Grey, Homogeneous, Friable	Not Applicable			5%CELL	95%	NAD		X		
AS090149-11A	BK0625073-39	Joint Compound - 1st FL	White, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-1B	BK0625073-40	Joint Compound - 1st FL	White, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		

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							Fibrous%	Non Fibrous%	Asbestos% &Type	Asbestos% &Type	PLM 198.1	PLM NOB 198.6	TEM 198.4
AS090149-12A	BK0625073-41	Sheetrock Tape - 1st FL	Red/White, Homogeneous, Friable	Not Applicable			90%CELL	10%	NAD		X		
AS090149-12B	BK0625073-42	Sheetrock Tape - 1st FL	Red/White, Homogeneous, Friable	Not Applicable			90%CELL	10%	NAD		X		
AS090149-13A	BK0625073-43	Sheetrock - 1st FL	Grey/Brown, Homogeneous, Friable	Not Applicable			5%CELL 5%FBGL	90%	NAD		X		
AS090149-13B	BK0625073-44	Sheetrock - 1st FL	Grey/Brown, Homogeneous, Friable	Not Applicable			5%CELL 5%FBGL	90%	NAD		X		
AS090149-14A	BK0625073-45	Mortar to Ceramic Wall Tile - Basement	Grey, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-14B	BK0625073-46	Mortar to Ceramic Wall Tile - Basement	Grey, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-15A	BK0625073-47	Seam Coat to Ceramic Wall Tile - Basement	White, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-15B	BK0625073-48	Seam Coat to Ceramic Wall Tile - Basement	White, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-16A	BK0625073-49	Ceramic Subway Tile	White, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		
AS090149-16B	BK0625073-50	Ceramic Subway Tile	White, Homogeneous, Friable	Not Applicable			0%	100%	NAD		X		

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							Fibrous%	Non Fibrous%	Asbestos% &Type	Asbestos% &Type	PLM 198.1	PLM NOB 198.6	TEM 198.4
AS090149-17A	BK0625073-51	Wire Jacketing (Cloth) - 2nd FL - Junction Box	Black/Red, Homogeneous, Non-Fibrous	47.6	20.6	31.7	0%	100%	**NAD** Inconclusive	**NAD**		X	X
B'AS090149-17B	BK0625073-52	Wire Jacketing (Cloth) - 2nd FL - Junction Box	Black/Red, Homogeneous, Non-Fibrous	40.9	25.8	33.3	0%	100%	**NAD** Inconclusive	**NAD**		X	X
AS090149-18A	BK0625073-53	Blown-in Insulation (on Floor) - 3rd FL	Grey, Homogeneous, Friable	Not Applicable			90%FBGL	10%	**NAD**		X		
AS090149-18B	BK0625073-54	Blown-in Insulation (on Floor) - 3rd FL	Grey, Homogeneous, Friable	Not Applicable			90%FBGL	10%	**NAD**		X		
AS090149-19A	BK0625073-55	I Beam Insulation - 1st FL (Adj to Stair)	White, Homogeneous, Friable	Not Applicable			100%CELL	0%	**NAD**		X		
AS090149-19B	BK0625073-56	I Beam Insulation - 1st FL (Adj to Stair)	White, Homogeneous, Friable	Not Applicable			100%CELL	0%	**NAD**		X		
AS090149-19C	BK0625073-57	I Beam Insulation - 1st FL (Adj to Stair)	White, Homogeneous, Friable	Not Applicable			100%CELL	0%	**NAD**		X		
AS090149-2A	BK0625073-58	Aircel Pipe Insulation - 1st FL - South	White, Homogeneous, Friable	Not Applicable			0%	43%	**57%CHRY**		X		
AS090149-2B	BK0625073-59	Aircel Pipe Insulation - 3rd FL - North	White, Homogeneous, Friable	Not Applicable					**NA/PS**				
AS090149-2C	BK0625073-60	Aircel Pipe Insulation - 3rd FL - North	White, Homogeneous, Friable	Not Applicable					**NA/PS**				

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							Fibrous%	Non Fibrous%	Asbestos% &Type	Asbestos% &Type	PLM 198.1	PLM NOB 198.6	TEM 198.4
AS090149-21A	BK0625073-61	Mag Pipe Insulation - 1st FL	White, Homogeneous, Friable	Not Applicable			0%	33%	**67%CHRY**		**X**		
AS090149-21B	BK0625073-62	Mag Pipe Insulation - 1st FL	White, Homogeneous, Friable	Not Applicable					**NA/PS**				
AS090149-21C	BK0625073-63	Mag Pipe Insulation - 1st FL	White, Homogeneous, Friable	Not Applicable					**NA/PS**				
AS090149-22A	BK0625073-64	Mag Pipe Insulation - 3rd FL	Grey, Homogeneous, Friable	Not Applicable			0%	64%	**36%CHRY**		**X**		
AS090149-22B	BK0625073-65	Mag Pipe Insulation - 3rd FL	Grey, Homogeneous, Friable	Not Applicable					**NA/PS**				
AS090149-22C	BK0625073-66	Mag Pipe Insulation - 3rd FL	Grey, Homogeneous, Friable	Not Applicable					**NA/PS**				
AS090149-23A	BK0625073-67	Mag Pipe Insulation Debris - 2nd FL - North	Beige, Homogeneous, Friable	Not Applicable			0%	56%	**44%CHRY**		**X**		
AS090149-23B	BK0625073-68	Mag Pipe Insulation Debris - 2nd FL - North	Beige, Homogeneous, Friable	Not Applicable					**NA/PS**				
AS090149-24A	BK0625073-69	Red Poured Floor - 2nd FL	Red, Homogeneous, Friable	Not Applicable			0%	93.7%	**1.3%CHRY**		**X**		
AS090149-24B	BK0625073-70	Red Poured Floor - 2nd FL	Red, Homogeneous, Friable	Not Applicable					**NA/PS**				

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							Fibrous%	Non Fibrous%	Asbestos% &Type	Asbestos% &Type	PLM 198.1	PLM NOB 198.6	TEM 198.4
AS090149-25A	BK0625073-71	Tar Paper beneath Brown Sheet Flooring - 1st FL	Brown, Homogeneous, Non-Fibrous	77.0	14.7	8.3	0%	100%	NAD Inconclusive	NAD		X	X
AS090149-25B	BK0625073-72	Tar Paper beneath Brown Sheet Flooring - 1st FL	Brown, Homogeneous, Non-Fibrous	66.7	25.6	7.7	0%	100%	NAD Inconclusive	NAD		X	X
AS090149-26A	BK0625073-73	Brown Sheet Flooring - 1st FL	Brown, Homogeneous, Non-Fibrous	82.0	5.5	12.5	0%	100%	NAD Inconclusive	NAD		X	X
AS090149-26B	BK0625073-74	Brown Sheet Flooring - 1st FL	Brown, Homogeneous, Non-Fibrous	79.5	6.7	13.8	0%	100%	NAD Inconclusive	NAD		X	X
AS090149-27A	BK0625073-75	Tar Paper beneath Brown 9x9 FT - 3rd FL South	Brown, Homogeneous, Friable	Not Applicable			100%CELL	0%	NAD		X		
AS090149-27B	BK0625073-76	Tar Paper beneath Brown 9x9 FT - 3rd FL South	Brown, Homogeneous, Friable	Not Applicable			100%CELL	0%	NAD		X		
AS090149-28A	BK0625073-77	Brown 9x9 Floor Tile - 3rd FL South	Brown, Homogeneous, Non-Fibrous	37.4	35.0	27.7	0%	100%	NAD Inconclusive	11%CHRY		X	X
AS090149-28B	BK0625073-78	Brown 9x9 Floor Tile - 3rd FL South	Brown, Homogeneous, Non-Fibrous	40.8	38.5	20.7	0%	100%	NAD Inconclusive	Not Analyzed		X	
AS090149-25C	BK0625073-79	Tar Paper beneath Brown Sheet Flooring - 2nd FL South	Brown, Homogeneous, Non-Fibrous	82.7	12.6	4.7	0%	100%	NAD Inconclusive	NAD		X	X
AS090149-26C	BK0625073-80	Brown Sheet Flooring - 2nd FL South	Brown, Homogeneous, Non-Fibrous	67.3	2.4	30.3	0%	100%	NAD Inconclusive	NAD		X	X

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AS090149-29A	BK0625073-81	Paper Underlayment - 3rd FL South	Brown, Homogeneous, Friable	Not Applicable			100%CELL	0%	NAD		X		
AS090149-29B	BK0625073-82	Paper Underlayment - 3rd FL South	Brown, Homogeneous, Friable	Not Applicable			100%CELL	0%	NAD		X		
AS090149-30A	BK0625073-83	Fiber Bound Underlayment beneath White 12x12 FT	Brown, Homogeneous, Friable	Not Applicable			100%CELL	0%	NAD		X		
AS090149-30B	BK0625073-84	Fiber Bound Underlayment beneath White 12x12 FT	Brown, Homogeneous, Friable	Not Applicable			100%CELL	0%	NAD		X		
AS090149-31A	BK0625073-85	White 12x12 Floor Tile - 1st FL	Beige, Homogeneous, Non-Fibrous	25.2	43.2	31.6	0%	100%	NAD Inconclusive	NAD		X	X
AS090149-31B	BK0625073-86	White 12x12 Floor Tile - 2nd FL South	Beige, Homogeneous, Non-Fibrous	30.3	7.2	62.5	0%	100%	NAD Inconclusive	NAD		X	X
AS090149-32A	BK0625073-87	Mastic to Blue 12x12 Floor Tile - Basement	Black, Homogeneous, Non-Fibrous	73.9	18.7	7.4	0%	100%	NAD Inconclusive	NAD		X	X
AS090149-32B	BK0625073-88	Mastic to Blue 12x12 Floor Tile - Basement	Black, Homogeneous, Non-Fibrous	78.4	18.4	3.3	0%	100%	NAD Inconclusive	NAD		X	X
AS090149-33A	BK0625073-89	Blue 12x12 Floor Tile	Blue, Homogeneous, Non-Fibrous	35.1	21.3	43.6	0%	100%	NAD Inconclusive	NAD		X	X
AS090149-33B	BK0625073-90	Blue 12x12 Floor Tile	Blue, Homogeneous, Non-Fibrous	27.8	45.2	27.0	0%	100%	NAD Inconclusive	NAD		X	X

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							Fibrous%	Non Fibrous%	Asbestos% &Type	Asbestos% &Type	PLM 198.1	PLM NOB 198.6	TEM 198.4
AS090149-34A	BK0625073-91	Alley Road Level - Behind Building	Black, Homogeneous, Non-Fibrous	53.8	28.1	18.1	0%	97.5%	**2.5%CHRY**	**Not Analyzed**		**X**	
AS090149-34B	BK0625073-92	Alley Road Level - Behind Building	Black, Homogeneous, Non-Fibrous	47.0	35.7	17.3			**NA/PS**	**Not Analyzed**			
AS090149-35A	BK0625073-93	Single Layer Plaster in Alley	Grey, Homogeneous, Friable	Not Applicable			0%	100%	**NAD**		**X**		
AS090149-35B	BK0625073-94	Single Layer Plaster in Alley	Grey, Homogeneous, Friable	Not Applicable			0%	100%	**NAD**		**X**		
AS090149-3C	BK0625073-95	Single Layer Plaster in Alley	Grey, Homogeneous, Friable	Not Applicable			0%	100%	**NAD**		**X**		
AS090149-36A	BK0625073-96	Foundation Coating in Alley	Black, Homogeneous, Non-Fibrous	84.6	12.4	3.0	0%	100%	**NAD** Inconclusive	**NAD**		**X**	**X**
AS090149-36B	BK0625073-97	Foundation Coating in Alley	Black, Homogeneous, Non-Fibrous	67.4	27.7	4.9	0%	100%	**NAD** Inconclusive	**NAD**		**X**	**X**
AS090149-37A	BK0625073-98	Grey Roof Sealant - Newer	Black, Homogeneous, Non-Fibrous	51.8	30.0	18.2	0%	97.3%	**2.7%CHRY**	**Not Analyzed**		**X**	
AS090149-37B	BK0625073-99	Grey Roof Sealant - Newer	Black, Homogeneous, Non-Fibrous	43.4	48.9	7.7			**NA/PS**	**Not Analyzed**			
AS090149-38A	BK0625073-100	Grey Roof Sealant - Older	Black, Homogeneous, Non-Fibrous	49.0	35.6	15.4	0%	97.7%	**2.3%CHRY**	**Not Analyzed**		**X**	

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Bulk Asbestos Report by PLM-TEM

Client: CHA Consulting, Inc
Collected by: Client
Project Name/No.: 090149
Project Address: Jackie Robinson Community Center
Work Area:

Lab ID: BK0625267
Date Received: 06/18/2025
PLM Date Analyzed: 06/18 & 06/19/2025
TEM Date Analyzed: 6/19/2025
Report Date: 6/20/2025

Client ID#	Lab ID#	Description/ Location	Analyst Description	ORG %	All%	ASI%	PLM			TEM	Method By ELAP		
							Fibrous%	Non Fibrous%	Asbestos% &Type	Asbestos% &Type	PLM 198.1	PLM NOB 198.6	TEM 198.4
B'AS090149-38B	BK0625073-101	Grey Roof Sealant - Older	Black, Homogeneous, Non-Fibrous	56.5	41.9	1.6			**NA/PS**	**Not Analyzed**			
AS090149-39A	BK0625073-102	Silver Coat Roof Paint - Newer	Silver/Black, Homogeneous, Non-Fibrous	71.2	18.2	10.6	0%	100%	**NAD** Inconclusive	**NAD**		**X**	**X**
AS090149-3B	BK0625073-103	Silver Coat Roof Paint - Newer	Silver/Black, Homogeneous, Non-Fibrous	63.7	16.5	19.8	0%	100%	**NAD** Inconclusive	**NAD**		**X**	**X**
AS090149-40A	BK0625073-104	Silver Coat Roof Paint - Older	Silver/Black, Homogeneous, Non-Fibrous	82.5	11.3	6.2	0%	100%	**NAD** Inconclusive	**NAD**		**X**	**X**
AS090149-4B	BK0625073-105	Silver Coat Roof Paint - Older	Silver/Black, Homogeneous, Non-Fibrous	88.8	10.9	0.4	0%	100%	**NAD** Inconclusive	**NAD**		**X**	**X**
AS090149-41A	BK0625073-106	Window Glazing Compound - Church Roof	Grey, Homogeneous, Non-Fibrous	14.0	45.5	40.6	0%	100%	**NAD** Inconclusive	**NAD**		**X**	**X**
AS090149-41B	BK0625073-107	Window Glazing Compound - Church Roof	Grey, Homogeneous, Non-Fibrous	3.7	36.4	59.9	0%	100%	**NAD** Inconclusive	**NAD**		**X**	**X**
AS090149-42A	BK0625073-108	Church Skylight Gasket	Black, Homogeneous, Non-Fibrous	54.4	22.2	23.4	0%	97.1%	**2.1%CHRY**	**Not Analyzed**		**X**	
AS090149-42B	BK0625073-109	Church Skylight Gasket	Black, Homogeneous, Non-Fibrous	53.9	22.7	23.4			**NA/PS**	**Not Analyzed**			
AS090149-43A	BK0625073-110	Mastic to 9x9 Tan Floor Tile	Black, Homogeneous, Non-Fibrous	71.9	15.5	12.6	0%	100%	**NAD** Inconclusive	**NAD**		**X**	**X**

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Client: CHA Consulting, Inc
Collected by: Client
Project Name/No.: 090149
Project Address: Jackie Robinson Community Center
Work Area:

Lab ID: BK0625267
Date Received: 06/18/2025
PLM Date Analyzed: 06/18 & 06/19/2025
TEM Date Analyzed: 6/19/2025
Report Date: 6/20/2025

Client ID#	Lab ID#	Description/ Location	Analyst Description	ORG %	AII%	ASI%	PLM			TEM	Method By ELAP		
							Fibrous%	Non Fibrous%	Asbestos% &Type	Asbestos% &Type	PLM 198.1	PLM NOB 198.6	TEM 198.4
AS090149-43B	BK0625073-111	Mastic to 9x9 Tan Floor Tile	Black, Homogeneous, Non-Fibrous	80.0	8.3	11.7	0%	100%	**NAD** Inconclusive	**NAD**		X	X
AS090149-44A	BK0625073-112	Tan 9x9 Floor Tile	Tan, Homogeneous, Non-Fibrous	27.7	27.5	44.8	0%	100%	**NAD** Inconclusive	**8.3%CHRY**		X	X
AS090149-44B	BK0625073-113	Tan 9x9 Floor Tile	Tan, Homogeneous, Non-Fibrous	28.8	37.8	33.4	0%	100%	**NAD** Inconclusive	**Not Analyzed**		X	
AS090149-45A	BK0625073-114	Foam Paper on Roof Insulation	Black, Homogeneous, Friable	Not Applicable			60%CELL 40%FBGL	0%	**NAD**		X		
AS090149-45B	BK0625073-115	Foam Paper on Roof Insulation	Black, Homogeneous, Friable	Not Applicable			60%CELL 40%FBGL	0%	**NAD**		X		
AS090149-46A	BK0625073-116	Top Roofing Layer (on Floor)	Black, Homogeneous, Non-Fibrous	88.1	6.4	5.5	0%	100%	**NAD** Inconclusive	**NAD**		X	X
AS090149-46B	BK0625073-117	Bottom Roofing Layer (on Floor)	Black, Homogeneous, Non-Fibrous	74.1	5.1	20.8	0%	100%	**NAD** Inconclusive	**NAD**		X	X

AH

Quantitative Analysis (Semi/Full):Bulk Asbestos Analysis-PLM by EPA 600/M4-82-020 per 40 CFR or ELAP198.1 (friable) and 198.6 (NOB) samples for New York.

NAD=no asbestos detected, NA/PS=Not Analyzed/Positive Stop, Trace=<1%,FBGL=Fiberglass, CELL=Cellulose,CHRY=Chrysotile,Amo=Amosite,CRO=Crocidolite,ANTH=Anthophylite, TRE=Tremolite, ACT=Actinolite, NA=not applicable.

PLM is not consistently reliable in detecting Asbestos in floor coverings and similar non friable organically bound materials. NAD or Trace results by PLM are inconclusive.

TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos containing in NY State.

All samples were prepared and analyzed in accordance with the EPA "TEM Method for Identifying and Quantifying Asbestos in Non-Fibrous Organically Bound Bulk Samples" ELAP 198.4".

ORG%=Ashed Organic%, AII= Acid Insoluble Inorganic%, ASI= Acid Soluble Inorganic%

This "Summary of Analytical Results "shall not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, ELAP or any agency of the U.S Government. The results relate only to the items tested. This report may not be reproduced, except in full, without the written approval of AEL .Atlas Environmental lab did not collect the analyzed samples and thus accepts no liability with regard to their collection and/or maintenance . AEL relies on client's data. The liability of Atlas Environmental Lab corp with respect to the services charged, shall in no event exceed the amount of the invoice.

NYS-ELAP#11999, NVLAP Lab Code: 500092-0, CT Reg. ID: PH-0154

PLM Analyst: MN / LR TEM Analyst: VR Approved by:

BK0625267

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BULK Material for Asbestos, Chain of Custody

Client CHA Consulting Inc
Address 3 Winners Circle Albany, N.Y. 12205
Contact Name Seth Fowler
Phone Number 518-453-4547
Email sfowler@chasolutions.com
Project Name & No. 090149
Project Location Jackie Robinson Community Center
Work Area

Analysis Requested: X PLM, X PLM-NOB, X TEM-NOB, X Stop on 1st positive per homogeneous material, _____ SOF/SM-V (198.8) _____

Turn Around Time: ☐ Same Day ☐ 24 Hrs. ☐ 48 Hrs. ☒ 72 Hrs.

If Vermiculite present, proceed to Method 198.8: _____ **TAT:** _____

Field ID	AEL Lab ID	Location/Description	Friable/ Non Friable	Homogenous Area	Accept Sample Yes/No
01A	1	Brick - 1st Fl			
01B	2	↓ - 2nd Fl			
01C	3	↓ - 3rd Fl			
02A	4	Grout to Brick - 1st Fl.			
02B	5	↓ - 2nd Fl.			
02C	6	↓ - 3rd Fl			
03A	7	CMU Mortar - 1st Fl. (East wall)			
03B	8	↓ - 2nd Fl. (Stairwell)			
03C	9	↓ - 3rd Fl. (South wall)			
04A	10	Terrazzo Floor - 1st Fl. Center			
04B	11	"	"		
05A	12	Grout to Clay wall Tile - 1st Fl.		(near stair)	
05B	13	"			
06A	14	Clay wall Tile "			

Sampled By: Jim Morey	Signature:	Date:	Time:
Relinquished By:	Signature:	Date:	Time:
Received By: Tiffany L	Signature:	Date: 6/17/25	Time: 13:45
Analyst: Jeongeun Bae for LR & MN	Signature:	Date: 6/19/25	Time: 04.30

All Sample #'s Preceded by: (AS090149-)

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Turn Around Time: ☐ Same Day ☐ 24 Hrs. ☐ 48 Hrs. ☒ 72 Hrs.

If Vermiculite present, proceed to Method 198.8: _____ **TAT:** _____

Field ID	AEL Lab ID	Location/Description	Friable/ Non Friable	Homogenous Area	Accept Sample Yes/No
06B	15	Clay wall Tile - 1st Fl near stair.			
07A	16	Black coating on Brick walls		- 1st Fl	(south)
07B	17	↓		- 2nd Fl	(stair)
07C	18	↓		- 3rd Fl.	(stair)
08A	19	WALL Plaster - Skimcoat	- 1st Fl.	- stair	
08B	20	↓	"	- south wall	
08C	21	↓	"	- east wall	
08D	22	↓ 2nd Floor		- stair	
08E	23	↓	"	- North	
08F	24	↓	"	- South	
08G	25	↓ 3rd Fl.		- stair	
08H	26	↓	"	- north	
08I	27	↓	"	- north	

Sampled By: Jim Morey	Signature:	Date:	Time:
Relinquished By:	Signature:	Date:	Time:
Received By:	Signature:	Date: 6/17/25	Time: 13:45
Analyst: LB	Signature:	Date: 6/19/25	Time: 09:30

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All sample #'s preceded by: (AS090149-)

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Work Area

Analysis Requested: ☒ PLM, ☒ PLM-NOB, ☒ TEM-NOB, ☒ Stop on 1st positive per homogeneous material, _____ SOF/SM-V (198.8) _____

Turn Around Time: ☐ Same Day ☐ 24 Hrs. ☐ 48 Hrs. ☒ 72 Hrs.

If Vermiculite present, proceed to Method 198.8: _____ **TAT:** _____

Field ID	AEL Lab ID	Location/Description	Friable/ Non Friable	Homogenous Area	Accept Sample Yes/No
09A	28	WAM Plaster - Subcoat	- 1st Fl	- Stair	
09B	29		"	- South	
09C	30		"	- East	
09D	31		2nd Fl	- Stair	
09E	32		"	- North	
09F	33		"	- South	
09G	34		3rd Fl.	- Stair	
09H	35		"	- North	
09I	36		"	- North	
10A	37	Sheetrock Firewall	- 3rd Fl.	Center	
10B	38	"	"		
11A	39	Joint Compound	- 1st Fl		
11B	40	"			
12A	41	Sheetrock Tape			

Sampled By: Jim Morey	Signature:	Date:	Time:
Relinquished By:	Signature:	Date:	Time:
Received By: Tiffany C	Signature:	Date: 6/17/25	Time: 13:45
Analyst: LB	Signature:	Date: 6/19/25	Time: 09:30

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Analysis Requested: ☒ PLM, ☒ PLM-NOB, ☒ TEM-NOB, ☒ Stop on 1st positive per homogeneous material, _____ SOF/SM-V (198.8) _____

Turn Around Time: ☐ Same Day ☐ 24 Hrs. ☐ 48 Hrs. ☒ 72 Hrs.

If Vermiculite present, proceed to Method 198.8: _____ **TAT:** _____

Field ID	AEL Lab ID	Location/Description	Friable/ Non Friable	Homogenous Area	Accept Sample Yes/No
19A	55	I-Beam Insulation - 1st Fl (adj. to stair)			
19B	56	"			
19C	57	"			
20A	58	~~Aircell~~ Pipe Insulation -	1st Fl.	South	
20B	59	↓	- 3rd Fl North		
20C	60		3rd Fl. north		
21A	61	Mag Pipe ~~Insulation~~ Insulation -	1st Fl.		
21B	62	"	"		
21C	63	"	"		
22A	64	" -	3rd Fl.		
22B	65	" -	3rd Fl.		
22C	66	" -	3rd Fl.		
23A	67	Mag Pipe Insulation Debris	2nd Fl. - north		
23B	68	"	"		-

Sampled By: Jim Morey	Signature:	Date:	Time:
Relinquished By:	Signature:	Date:	Time:
Received By: Nancy C	Signature:	Date: 6/17/25	Time: 13:45
Analyst: LB	Signature:	Date: 6/19/25	Time: 04:30

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Email sfowler@chasolutions.com
Project Name & No. 090149
Project Location Jackie Robinson Community Center
Work Area

Analysis Requested: X PLM, X PLM-NOB, X TEM-NOB, X Stop on 1st positive per homogeneous material, _____ SOF/SM-V (198.8) _____

Turn Around Time: ☐ Same Day ☐ 24 Hrs. ☐ 48 Hrs. ☒ 72 Hrs.

If Vermiculite present, proceed to Method 198.8: _____ **TAT:** _____

Field ID	AEL Lab ID	Location/Description	Friable/ Non Friable	Homogenous Area	Accept Sample Yes/No
12B	42	Sheetrock tape - 1st Fl			
13A	43	Sheetrock			
13B	44	"			
14A	45	Mortar to Ceramic WALL Tile - Basement			
14B	46	"			
15A	47	Seam Grout to Ceramic WALL Tile			
15B	48	"			
16A	49	Ceramic Subway Tile -			
16B	50	"			
17A	51	Wire Jacketing (cloth) - 2nd Fl. Junction Box			
17B	52	"			"
18A	53	Blown-In Insulation (on Floor) - 3rd Fl.			
18B	54	"	"		
[illegible]		"	"		

Sampled By: Jim Morey	Signature:	Date:	Time:
Relinquished By:	Signature:	Date:	Time:
Received By: Tiffany	Signature:	Date: 6/17/25	Time: 13:45
Analyst: LB	Signature:	Date: 6/19/25	Time: 04:30

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Project Location Jackie Robinson Community Center
Work Area

Analysis Requested: X PLM, X PLM-NOB, X TEM-NOB, X Stop on 1st positive per homogeneous material, _____ SOF/SM-V (198.8) _____

Turn Around Time: ☐ Same Day ☐ 24 Hrs. ☐ 48 Hrs. ☒ 72 Hrs.

If Vermiculite present, proceed to Method 198.8: _____ **TAT:** _____

Field ID	AEL Lab ID	Location/Description	Friable/ Non Friable	Homogenous Area	Accept Sample Yes/No
24A	69	Red Poured Floor - 2nd Fl			
24B	70	" - 2nd Fl			
25A	71	Tar Paper beneath Brown Sheet Floory - 1st Fl			
25B	72	"			"
26A	73	Brown Sheet Floory			"
26B	74	"			"
27A	75	Tar Paper beneath brown 9x9 FT. - 3rd Fl South			
27B	76	"			"
28A	77	Brown 9x9 Floor Tile			"
28B	78	"			"
25C	79	Tar Paper beneath Brown Sheet Floory - 2nd Fl South			"
26C	80	Brown Sheet Floory			
29A	81	Paper Underlayment - 3rd Fl South			
29B	82	"	"		

Sampled By: Jim Morey	Signature:	Date:	Time:
Relinquished By:	Signature:	Date:	Time:
Received By: T. Payne	Signature:	Date: 6/17/25	Time: 13:45
Analyst: LB	Signature:	Date: 6/19/25	Time: 09:30

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All sample #'s preceded by: (AS090149-)

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Analysis Requested: X PLM, X PLM-NOB, X TEM-NOB, X Stop on 1st positive per homogeneous material, _____ SOF/SM-V (198.8) _____

Turn Around Time: ☐ Same Day ☐ 24 Hrs. ☐ 48 Hrs. ☒ 72 Hrs.

If Vermiculite present, proceed to Method 198.8: _____ **TAT:** _____

Field ID	AEL Lab ID	Location/Description	Friable/ Non Friable	Homogenous Area	Accept Sample Yes/No
30A	83	Fiberboard Underlayment beneath		white 12X12 FT.	
30B	84	"			
31A	85	White 12X12 Floor Tile -	1ST FL.		
31B	86		- 2nd FL. South		
32A	87	Mastic to Blue 12X12 Floor Tile -	Basement		
32B	88	"			"
33A	89	Blue 12X12 Floor Tile			"
33B	90	"			"
34A	91	Alley Road Level - Behind bldg			
34B	92	"			
35A	93	Single Layer Plaster in Alley			
35B	94	"			
35C	95	"			
36A	96	Foundation Coating in Alley			

Sampled By: Jim Morey	Signature:	Date:	Time:
Relinquished By:	Signature:	Date:	Time:
Received By: Tiffany C	Signature:	Date: 6/17/25	Time: 13:45
Analyst: LB	Signature:	Date: 6/19/25	Time: 04:20

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Turn Around Time: ☐ Same Day ☐ 24 Hrs. ☐ 48 Hrs. ☒ 72 Hrs.

If Vermiculite present, proceed to Method 198.8: _____ **TAT:** _____

Field ID	AEL Lab ID	Location/Description	Friable/ Non Friable	Homogenous Area	Accept Sample Yes/No
36B	97	Foundation Coating in Alley			
37A	98	Gray Roof Sealant - Newer			
37B	99	"			
38A	100	" - older			
38B	101	" "			
39A	102	Silvercoat Roof Paint - Newer			
39B	103	"	"		
40A	104	"	older		
40B	105	"	"		
41A	106	Window Glazing Compound -		Church Roof	
41B	104	"		"	
42A	108	Church Skylight Gasket			
42B	109	"			
43A	110	Mastic to 9X9 TAN Floor Tile			

Sampled By: Jim Morey	Signature:	Date:	Time:
Relinquished By:	Signature:	Date:	Time:
Received By: Tiffany C	Signature:	Date: 6/17/25	Time: 13:45
Analyst: LB	Signature:	Date: 6/19/25	Time: 04:30

PM1 Rev 1 Jan 2018

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Email sfowler@chasolutions.com
Project Name & No. 090149
Project Location Jackie Robinson Community Center
Work Area

Analysis Requested: X PLM, X PLM-NOB, X TEM-NOB, X Stop on 1st positive per homogeneous material, _____ SOF/SM-V (198.8) _____

Turn Around Time: ☐ Same Day ☐ 24 Hrs. ☐ 48 Hrs. ☒ 72 Hrs.

If Vermiculite present, proceed to Method 198.8: _____ **TAT:** _____

Field ID	AEL Lab ID	Location/Description	Friable/ Non Friable	Homogenous Area	Accept Sample Yes/No
43B	111	Mastic to 9x9 Tan Floor Tile			
44A	112	TAN 9x9 Floor Tile			
44B	113	"			
45A	114	Foam Paper on Roof Insulation			
45B	115	"			
46A	116	Top Roofing Layer (on floor)			
46B	117	Bottom Roofing Layer (on floor)			

Sampled By: Jim Morey	Signature:	Date:	Time:
Relinquished By:	Signature:	Date:	Time:
Received By: Tiffany C	Signature:	Date: 6/17/25	Time: 13:45
Analyst: LB	Signature:	Date: 6/19/25	Time: 04:30

PM1 Rev 1 Jan 2018

All sample #'s preceded by: (AS090149-)

APPENDIX C

Lead-Based Paint Sample Summary Table

TABLE C-1
LEAD PAINT SAMPLE SUMMARY
JACKIE ROBINSON COMMUNITY CENTER
1024 FULTON STREET, BROOKLYN, NY

SAMPLE ID	SUSPECT MATERIAL DESCRIPTION	SAMPLE LOCATION	LEAD CONTENT (% by weight)
Pb090149-01	**White Paint**	**Inside of Alley Roof**	**9.59**
Pb090149-02	**Beige Ceiling Paint**	**Basement**	**0.17**
Pb090149-03	Orange/Beige Wall Paint	Basement	<0.03
Pb090149-04	**Blue/Beige Wall Paint to Plaster**	**1st Floor**	**0.14**
Pb090149-05	Blue/Beige Wall Paint to Plaster	2nd Floor	<0.03
Pb090149-06	**Green Paint on Metal Door**	**2nd Floor Stair**	**1.77**
Pb090149-07	**Brown Metal Stair Paint**	**3rd Floor**	**0.07**

RL (Reporting Limit) is 0.03% by weight

APPENDIX D

LBP Sample Analytical Report

Atlas Environmental Lab, Corp
255 W 36th Street Suite 1503
New York, NY 10018
Phone:(212) 563-0400 Fax:(718) 563-0401
www.atlasenvironmentallab.com

REPORT OF ANALYSIS FOR LEAD PAINT

Client: CHA Consulting Inc
Collected by: Client
Project Name/No.: 090149
Project Address: Jackie Robinson Community Center
Work Area:

Lab ID: LP0625796
Date Sampled: 6/15/2025
Date Received: 6/17/2025
Date Analyzed: 6/18/2025
Report Date: 6/20/2025

Client ID #	Lab ID #	Location/Description	Result (% Pb W/W)
Pb090149-01	LP0625796-1	White Paint On Inside of Alley Roof	9.59
Pb090149-02	LP0625796-2	Beige Ceiling Paint in Basement	0.17
Pb090149-03	LP0625796-3	Orange / Beige Wall Paint in Basement	<0.03
Pb090149-04	LP0625796-4	Blue/ Beige Wall Paint on 1st Fl (Plaster)	0.14
Pb090149-05	LP0625796-5	Blue/ Beige Wall Paint on 2nd Floor (Plaster)	<0.03
Pb090149-06	LP0625796-6	Green Paint On Metal Door - 2nd Fl Stair	1.77
Pb090149-07	LP0625796-7	Brown Metal Stair Paint On 3rd Floor	0.07

CN

Analysis Method: EPA 7000B
Prep Method: EPA 3050B

RL (Reporting limit): 0.03% by weights (based upon 100 mg sampled)

HUD Guideline define lead based paint, when lead levels are equal or greater than 0.5% by weight.

NYS - ELAP#11999, AIHA-LAP, LLC ID: 208306, CT Reg. # PH-0154

Analyst: HF

Approved by: VRudenev

Collection procedure, protocols and sample locations are based on information provided by the client submitting the samples; and as such, Atlas Environmental Labs disclaims any knowledge of and liability for the accuracy and completeness of this information. The results apply to the sample as received. Lead results are not corrected for blank.

LP06257796

Atlas Environmental Lab, Corp
255 West 36th Street, Suite# 1503
New York, NY 10018
Phone:(212) 563-0400 Fax:(212) 563-0401

CHAIN OF CUSTODY
LEAD ANALYSIS

Client CHA Consulting Inc Contact Name Seth Faler Project Name & No. 090149
Address 7 Winners Circle Phone Number 518-453-4547 Project Location Jackie Robinson
Albany, N.Y. 12205 Email jfowler@chasolutions.com Community Center
Work Area

Matrix: ☐ Wipes ☒ Paint by weight ☐ Paint by area ☐ Soil

Results
Turn Around Time: ☐ 24 Hrs. ☐ 48 Hrs. ☒ 72 Hrs.

Field ID	AEL Lab ID (HF)	Location/Description	Area (ft²) (If require)
01	9.59	White Paint on Inside of Alley Roof	
02	0.17	Beige Ceiling Paint in Basement	
03	<0.03	Orange/Blue/beige WALL Paint in Basement	
04	0.14	Blue/beige WALL Paint on 1st Fl. (Plaster)	
05	<0.03	blue/beige WALL Paint on 2nd Floor (Plaster)	
06	1.77	Green Paint on Metal Door - 2nd Fl. Stair	
07	0.07	Brown Metal Stair Paint on 3rd Floor	

Sampled By: J. Mooney	Signature:	Date: 06/15/25	Time: 5:00p
Received By:	Signature:	Date:	Time:
Relinquished By:	Signature:	Date:	Time:
Received By: Tiffany C	Signature:	Date: 6/17/25	Time: 13:45
Analyst: Hiken Trivedi	Signature:	Date: 6/18/25	Time:

ALL SAMPLE #'s PRECEDED BY: (Pb090149-)

APPENDIX E

PCB Sample Summary Table

TABLE E-1
PCB SAMPLE SUMMARY
JACKIE ROBINSON COMMUNITY CENTER
1024 FULTON STREET, BROOKLYN, NY

SAMPLE ID	SUSPECT MATERIAL DESCRIPTION	SAMPLE LOCATION	PCB Content
PCB-090149JM-01	Skylight Window Sealant	Metal Canopy - 1016 Fulton Roof	ND
PCB-090149JM-02	Glazing compound	Metal Canopy - 1016 Fulton Roof	ND
ND = Not Detected			

APPENDIX F

PCB Sample Analytical Report

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Seth Fowler
CHA Inc
3 Winners Circle
PO BOX 5269
Albany, New York 12205-0269

Generated 6/30/2025 9:18:06 AM

JOB DESCRIPTION

Jackie Robinson Community Center

JOB NUMBER

480-230559-1

my EOL

Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
6/30/2025 9:18:06 AM

Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
(716)504-9874

Client: CHA Inc
Project/Site: Jackie Robinson Community Center

Laboratory Job ID: 480-230559-1

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Definitions/Glossary

Client: CHA Inc
Job ID: 480-230559-1
Project/Site: Jackie Robinson Community Center

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: CHA Inc
Project: Jackie Robinson Community Center

Job ID: 480-230559-1

Job ID: 480-230559-1 Eurofins Buffalo

Job Narrative
480-230559-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 6/23/2025 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 19.8°C.

PCBs
Method 8082A: The continuing calibration verification (CCV) associated with batch 240-661778 recovered above the upper control limit for 1268. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 240-661778/5).

Method 8082A: The Aroclors in the continuing calibration verification (CCV) met criteria; however, the Decachlorobiphenyl surrogate failed to meet criteria at 28.2%. Surrogate recoveries for all samples were within control limits. After careful evaluation the data is reported.

(CCV 240-661778/3)

Method 8082A: The following sample was diluted due to the nature of the sample matrix: PCB-090149JM-01-Skylight (480-230559-1). Elevated reporting limits (RLs) are provided.

Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: PCB-090149JM-01-Skylight (480-230559-1) and PCB-090149JM-02-Glazing Compound (480-230559-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: CHA Inc
Job ID: 480-230559-1
Project/Site: Jackie Robinson Community Center

Client Sample ID: PCB-090149JM-01-Skylight **Lab Sample ID: 480-230559-1**

No Detections.

Client Sample ID: PCB-090149JM-02-Glazing Compound **Lab Sample ID: 480-230559-2**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: CHA Inc
Job ID: 480-230559-1
Project/Site: Jackie Robinson Community Center

Client Sample ID: PCB-090149JM-01-Skylight
Lab Sample ID: 480-230559-1
Date Collected: 06/11/25 12:05
Matrix: Solid
Date Received: 06/23/25 10:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2300	1200	ug/Kg		06/27/25 08:21	06/28/25 03:30	5
Aroclor-1221	ND		2300	1400	ug/Kg		06/27/25 08:21	06/28/25 03:30	5
Aroclor-1232	ND		2300	980	ug/Kg		06/27/25 08:21	06/28/25 03:30	5
Aroclor-1242	ND		2300	890	ug/Kg		06/27/25 08:21	06/28/25 03:30	5
Aroclor-1248	ND		2300	790	ug/Kg		06/27/25 08:21	06/28/25 03:30	5
Aroclor-1254	ND		2300	980	ug/Kg		06/27/25 08:21	06/28/25 03:30	5
Aroclor-1260	ND		2300	980	ug/Kg		06/27/25 08:21	06/28/25 03:30	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*10 - 149*	*06/27/25 08:21*	*06/28/25 03:30*	*5*
DCB Decachlorobiphenyl	*124*		*10 - 174*	*06/27/25 08:21*	*06/28/25 03:30*	*5*

Client Sample ID: PCB-090149JM-02-Glazing Compound
Lab Sample ID: 480-230559-2
Date Collected: 06/11/25 12:10
Matrix: Solid
Date Received: 06/23/25 10:00

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		380	190	ug/Kg		06/27/25 08:21	06/28/25 03:45	1
Aroclor-1221	ND		380	230	ug/Kg		06/27/25 08:21	06/28/25 03:45	1
Aroclor-1232	ND		380	160	ug/Kg		06/27/25 08:21	06/28/25 03:45	1
Aroclor-1242	ND		380	140	ug/Kg		06/27/25 08:21	06/28/25 03:45	1
Aroclor-1248	ND		380	130	ug/Kg		06/27/25 08:21	06/28/25 03:45	1
Aroclor-1254	ND		380	160	ug/Kg		06/27/25 08:21	06/28/25 03:45	1
Aroclor-1260	ND		380	160	ug/Kg		06/27/25 08:21	06/28/25 03:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*10 - 149*	*06/27/25 08:21*	*06/28/25 03:45*	*1*
DCB Decachlorobiphenyl	*135*		*10 - 174*	*06/27/25 08:21*	*06/28/25 03:45*	*1*

Surrogate Summary

Client: CHA Inc
Job ID: 480-230559-1
Project/Site: Jackie Robinson Community Center

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		TCX2	DCBP2										
Lab Sample ID	Client Sample ID	(10-149)	(10-174)										
480-230559-1	PCB-090149JM-01-Skylight	79	124										
480-230559-2	PCB-090149JM-02-Glazing Compound	87	135										
LCS 240-661662/2-A	Lab Control Sample	90	144										
MB 240-661662/1-A	Method Blank	89	131										

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

QC Sample Results

Client: CHA Inc
Job ID: 480-230559-1
Project/Site: Jackie Robinson Community Center

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-661662/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 661778
Prep Batch: 661662

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		06/27/25 08:21	06/28/25 01:15	1
Aroclor-1221	ND		50	30	ug/Kg		06/27/25 08:21	06/28/25 01:15	1
Aroclor-1232	ND		50	21	ug/Kg		06/27/25 08:21	06/28/25 01:15	1
Aroclor-1242	ND		50	19	ug/Kg		06/27/25 08:21	06/28/25 01:15	1
Aroclor-1248	ND		50	17	ug/Kg		06/27/25 08:21	06/28/25 01:15	1
Aroclor-1254	ND		50	21	ug/Kg		06/27/25 08:21	06/28/25 01:15	1
Aroclor-1260	ND		50	21	ug/Kg		06/27/25 08:21	06/28/25 01:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*10 - 149*	*06/27/25 08:21*	*06/28/25 01:15*	*1*
DCB Decachlorobiphenyl	*131*		*10 - 174*	*06/27/25 08:21*	*06/28/25 01:15*	*1*

Lab Sample ID: LCS 240-661662/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 661778
Prep Batch: 661662

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			1000	849		ug/Kg		85	28 - 140		
Aroclor-1260			1000	1110		ug/Kg		111	39 - 153		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*90*		*10 - 149*
DCB Decachlorobiphenyl	*144*		*10 - 174*

QC Association Summary

Client: CHA Inc
Job ID: 480-230559-1
Project/Site: Jackie Robinson Community Center

GC Semi VOA

Prep Batch: 661662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230559-1	PCB-090149JM-01-Skylight	Total/NA	Solid	3546	
480-230559-2	PCB-090149JM-02-Glazing Compound	Total/NA	Solid	3546	
MB 240-661662/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-661662/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 661778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230559-1	PCB-090149JM-01-Skylight	Total/NA	Solid	8082A	661662
480-230559-2	PCB-090149JM-02-Glazing Compound	Total/NA	Solid	8082A	661662
MB 240-661662/1-A	Method Blank	Total/NA	Solid	8082A	661662
LCS 240-661662/2-A	Lab Control Sample	Total/NA	Solid	8082A	661662

Lab Chronicle

Client: CHA Inc
Job ID: 480-230559-1
Project/Site: Jackie Robinson Community Center

Client Sample ID: PCB-090149JM-01-Skylight
Lab Sample ID: 480-230559-1
Date Collected: 06/11/25 12:05
Matrix: Solid
Date Received: 06/23/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			661662	CR2J	EET CLE	06/27/25 08:21
Total/NA	Analysis	8082A		5	661778	LSH	EET CLE	06/28/25 03:30

Client Sample ID: PCB-090149JM-02-Glazing Compound
Lab Sample ID: 480-230559-2
Date Collected: 06/11/25 12:10
Matrix: Solid
Date Received: 06/23/25 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			661662	CR2J	EET CLE	06/27/25 08:21
Total/NA	Analysis	8082A		1	661778	LSH	EET CLE	06/28/25 03:45

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: CHA Inc Job ID: 480-230559-1
Project/Site: Jackie Robinson Community Center

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-26
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-27
Kansas	NELAP	E-10336	01-31-26
Kentucky (UST)	State	112225	02-28-26
Kentucky (WW)	State	KY98016	12-31-25
Minnesota	NELAP	039-999-348	12-31-25
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-01-26
North Dakota	State	R-244	02-27-26
Ohio	State	8303	11-04-25
Ohio VAP	State	ORELAP 4062	02-28-26
Oregon	NELAP	4062	02-27-26
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
US Fish & Wildlife	US Federal Programs	A26406	02-28-26
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-15-25
West Virginia DEP	State	210	12-31-25
Wisconsin	State	399167560	08-31-25

Method Summary

Client: CHA Inc
Job ID: 480-230559-1
Project/Site: Jackie Robinson Community Center

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
3546	Microwave Extraction	SW846	EET CLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: CHA Inc
Job ID: 480-230559-1
Project/Site: Jackie Robinson Community Center

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-230559-1	PCB-090149JM-01-Skylight	Solid	06/11/25 12:05	06/23/25 10:00
480-230559-2	PCB-090149JM-02-Glazing Compound	Solid	06/11/25 12:10	06/23/25 10:00

#N/A
#N/A
#N/A
##

Chain of Custody Record

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Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing Amer

Client Contact	Project Manager: Seth Fowler	Site Contact:	Date:6/19/25	COC No:
CHA Consulting, Inc.	Email: sfowler@chasolutions.com	Lab Contact:	Carrier:	_____ of _____ COCs
3 Winners Circle	Tel/Fax: 518-453-4547			TALS Project #:
Albany, New York 12205	**Analysis Turnaround Time**			Sampler:
518-453-3915	☑ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
518-45304500	TAT if different from Below			Walk-in Client:
Jackie Robinson Community Center	☑ 2 weeks			Lab Sampling:
Site: 090149	☐ 1 week			
P O #	☐ 2 days			Job / SDG No.:
	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	8082A - PCB Totals
PCB-090149JM-01 - Skylight	6/11/2025	12:05 PM	Grab	Solid	1			X
PCB-090149JM-02 - Glazing Compound	6/11/2025	12:10 PM	Grab	Solid	1			X

Sample Specific Notes:

Samples collected from exterior ro level between Church and Community Center Building.

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if s

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

480-230559 Chain of Custody

Special Instructions/QC Requirements & Comments:

19.8 no ICE

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____	Therm ID No.:
Relinquished by:	Company: CHA Consulting	Date/Time: 6/19/25	Received by:	Company: TAB
Relinquished by:	Company:	Date/Time:	Received by:	Company:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:

Date/Time: 6-23-25 1000

Date/Time:

Date/Time:

04/02/2026

Page 116 of 137

SH-66XPX

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-93507.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): NELAP - New York		Job #: 480-230559-1
Address: 180 S. Van Buren Avenue, .	Due Date Requested: 7/7/2025			
City: Barberton	TAT Requested (days): N/A			
State, Zip: OH, 44203				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Jackie Robinson Community Center	Project #: 48028053			
Site: N/A	SSOW#: N/A			

Preservation Codes: -

Other: N/A

E025

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A/3546_PCB_1YRPCBs 7 Aroclors	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
PCB-090149JM-01-Skylight (480-230559-1)	6/11/25	12:05 Eastern	G	Solid			X	1	
PCB-090149JM-02-Glazing Compound (480-230559-2)	6/11/25	12:10 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification Unconfirmed	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)* ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	6/25/25 1600	EARO	[signature]	6/26/25 910	EAR
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

SH-66XPX

6/30/2025
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Eurofins – Cleveland Sample Receipt Form/Narrative Login # :
Barberton Facility

Client Eurofins Buffalo Site Name

Cooler Received on 6/26/25 Opened on 6/26/25

Cooler unpacked by: VMartin

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other

Receipt After-hours: Drop-off Date/Time Storage Location

Eurofins Cooler # EC Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN # 17 (CF +0.2 °C) Observed Cooler Temp. 1.6 °C Corrected Cooler Temp. 1.8 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	Yes	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
-Were tamper/custody seals intact and uncompromised?	Yes	No NA
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7. Did all bottles arrive in good condition (Unbroken)?	Yes	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	Yes	No
11. Sufficient quantity received to perform indicated analyses?	Yes	No
12. Are these work share samples and all listed on the COC?	Yes	No (KM)
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC463162
14. Were VOAs on the COC?	Yes	No
15. Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes	No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #	Yes	No
17. Was a LL Hg or Me Hg trip blank present?	Yes	No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Labeled by:

Labels Verified by:

19. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.
Sample(s) were received in a broken container.
Sample(s) were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory.
Time preserved: Preservative(s) added/Lot number(s):

VOA Sample Preservation - Date/Time VOAs Frozen:

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04/02/2026

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Beninati, John	Carrier Tracking No(s): N/A	COC No: 480-93507.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): NELAP - New York		Job #: 480-230559-1
Address: 180 S. Van Buren Avenue, ,	Due Date Requested: 7/7/2025			
City: Barberton	TAT Requested (days): N/A			
State, Zip: OH, 44203				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Jackie Robinson Community Center	Project #: 48028053			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

E025

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A/3546_PCB_1YRPCBs 7 Aroclors	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
PCB-090149JM-01-Skylight (480-230559-1)	6/11/25	12:05 Eastern	G	Solid			X	1	
PCB-090149JM-02-Glazing Compound (480-230559-2)	6/11/25	12:10 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	6/25/25 1600	EURO	[signature]	6/26/25 910	EUR
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

SH-66XPX

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Eurofins – Cleveland Sample Receipt Form/Narrative Login # :
Barberton Facility

Client Eurofins Buffalo Site Name

Cooler Received on 6/26/25 Opened on 6/26/25

Cooler unpacked by: VMartin

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other

Receipt After-hours: Drop-off Date/Time Storage Location

Eurofins Cooler # EC Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 17 (CF +0.2 °C) Observed Cooler Temp. 1.6 °C Corrected Cooler Temp. 1.8 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	Yes	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
-Were tamper/custody seals intact and uncompromised?	Yes	No NA
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7. Did all bottles arrive in good condition (Unbroken)?	Yes	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	Yes	No
11. Sufficient quantity received to perform indicated analyses?	Yes	No
12. Are these work share samples and all listed on the COC?	Yes	No (KM)
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC463162
14. Were VOAs on the COC?	Yes	No
15. Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes	No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #	Yes	No
17. Was a LL Hg or Me Hg trip blank present?	Yes	No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Labeled by:

Labels Verified by:

19. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.

Sample(s) were received in a broken container.

Sample(s) were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory.

Time preserved: Preservative(s) added/Lot number(s):

VOA Sample Preservation - Date/Time VOAs Frozen:

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04/02/2026

ORIGIN ID DKKA (716) 691-2600
SAMPLE CONTROL
EUROFINS ENVIRONMENT TESTING
10 HAZELWOOD DRIVE
BUFFALO, NY 142282223
UNITED STATES US

SHIP DATE: 25JUN25
ACTWGT: 22.65 LB
CAD: 0759273/CAFE3855
DIMS: 15x12x11 IN

BILL RECIPIENT

TO SAMPLE RECEIPT
EUROFINS CLEVELAND
180 S VAN BUREN AVE

BARBERTON OH 44203543

(330) 497-9396

XP CAKA

TRK# 0201 7463 0665 1200

THU - 26 JUN 10:30A
PRIORITY OVERNIGHT

44203
OH-US CLE

Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 480-230559-1

Login Number: 230559

List Source: Eurofins Buffalo

List Number: 1

Creator: Yeager, Brian A

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	
Cooler Temperature is recorded.	True	19.8 NO ICE IR# SC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	FEDEX DELAY
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	CHA
Samples received within 48 hours of sampling.	False	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

APPENDIX G

Photo Log

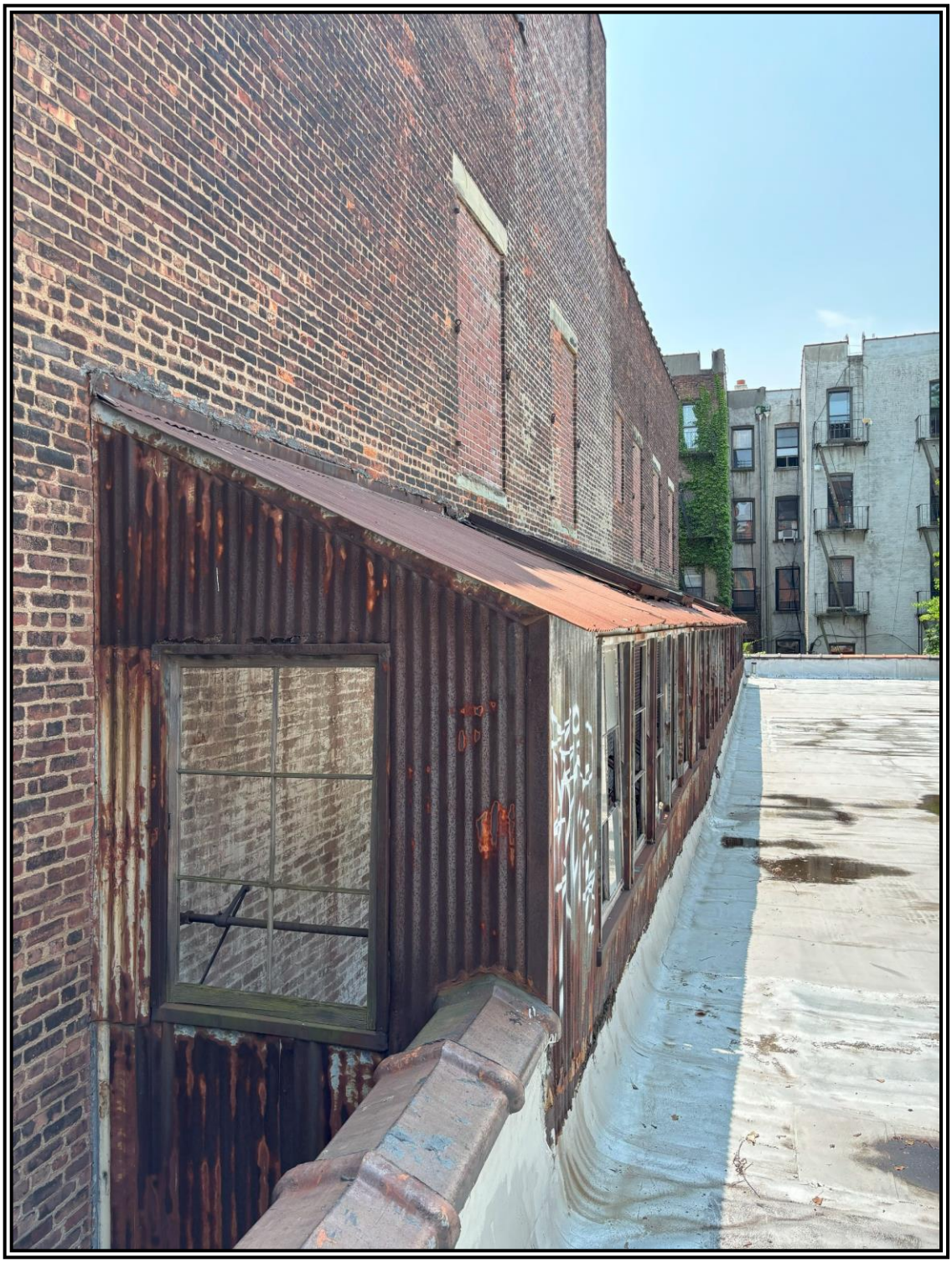


Photo 1: Corrugated Metal Awning/Enclosure – 1016 Fulton Street Roof and 1024 Fulton Street Exterior Wall



Photo 2: Corrugated Metal Wall and Asbestos Flashing at 1016 Fulton Street Roof Level.



Photo 3: Asbestos-Containing Gray Roof Sealant and Skylight Gasketing at Metal Awning/Enclosure.

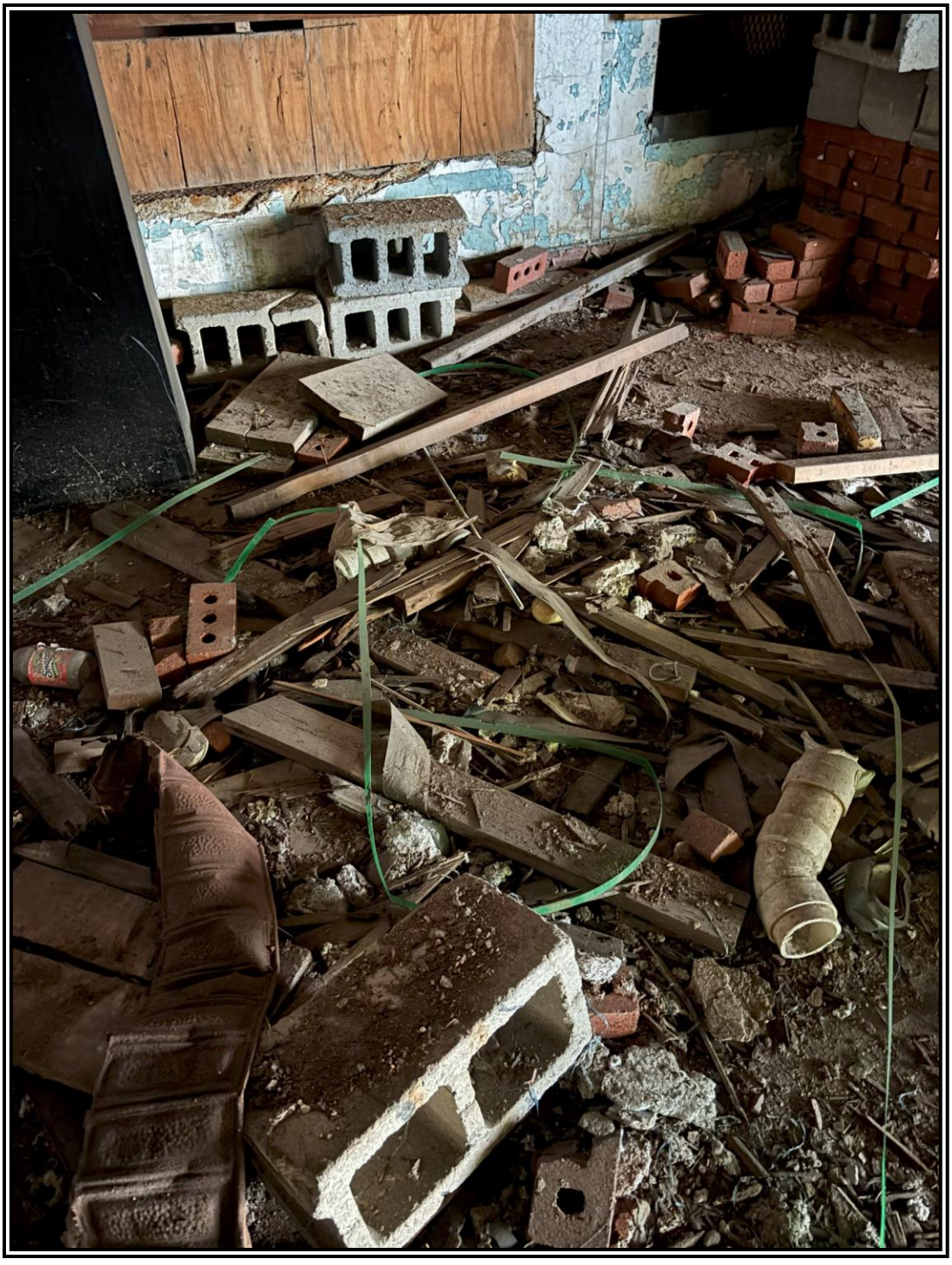


Photo 4: Asbestos Debris Pile on North Side of Second Floor.

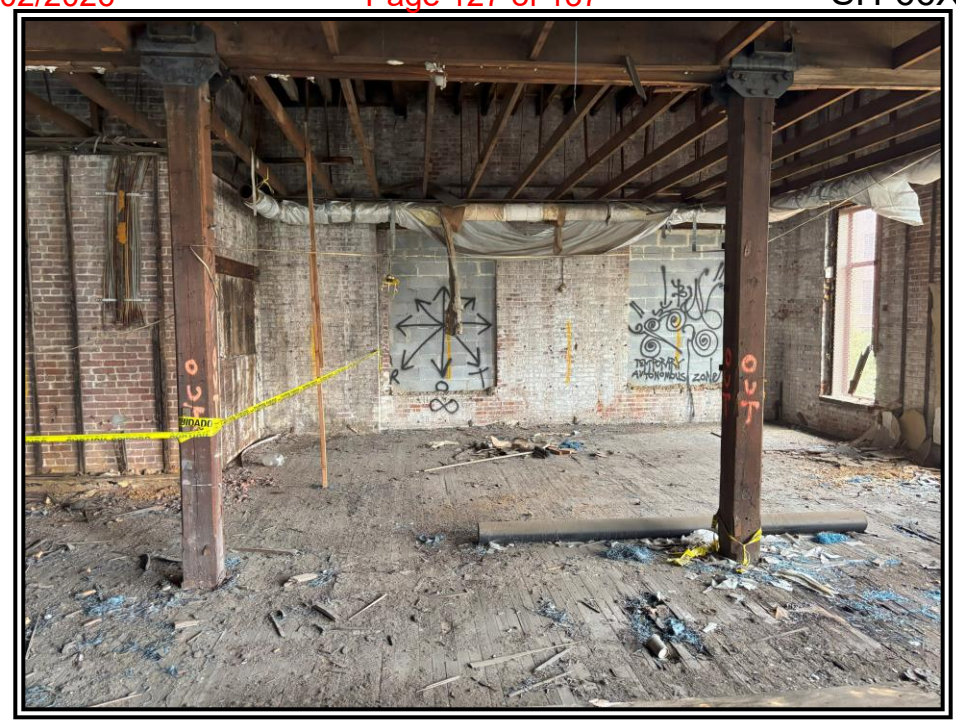


Photo 5: Damaged Asbestos Pipe Insulation Hung From Ceiling – North Side of Third Floor.



Photo 6: Damaged Asbestos Pipe Insulation and Asbestos Insulation Debris on Wood Floor – North Side of Third Floor.



Photo 7: Collapsed Roof Section – East Side of Building.

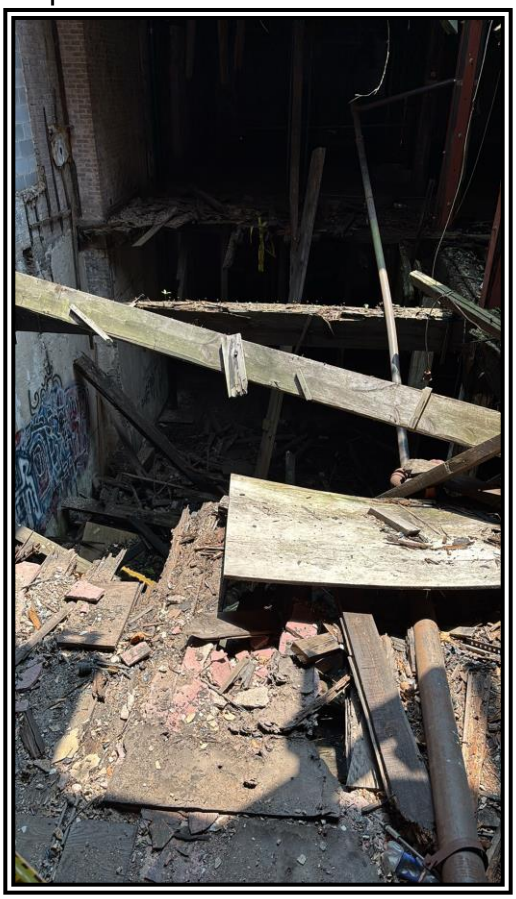


Photo 8: Damaged Asbestos Red Flooring at Roof Collapse Area on East Side of Second Fl.



Photo 9: Collapsed Roof Section – East Side of Building.

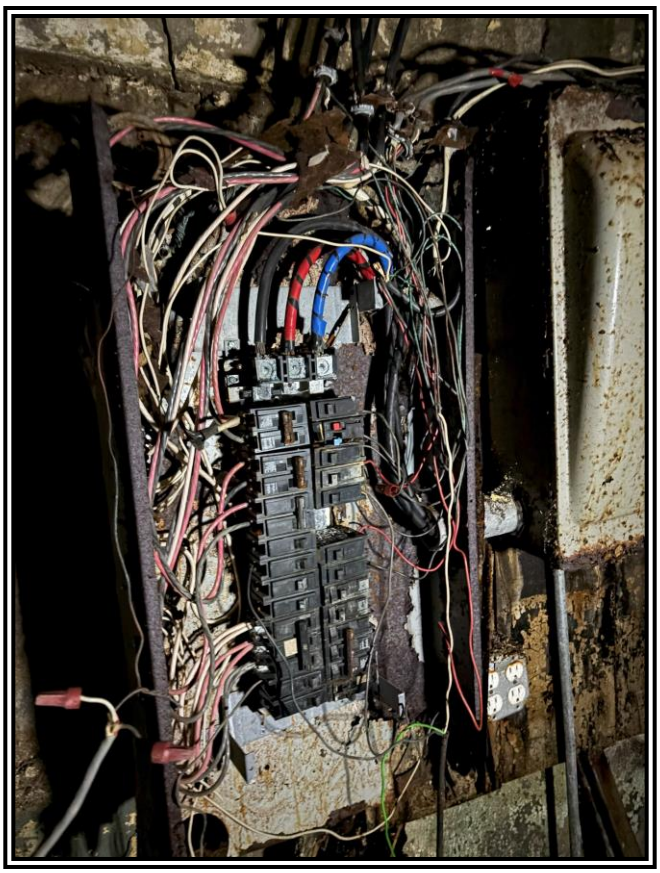


Photo 10: Electrical Panel Box with Non-Suspect Romex-Type Wire Jacketing.

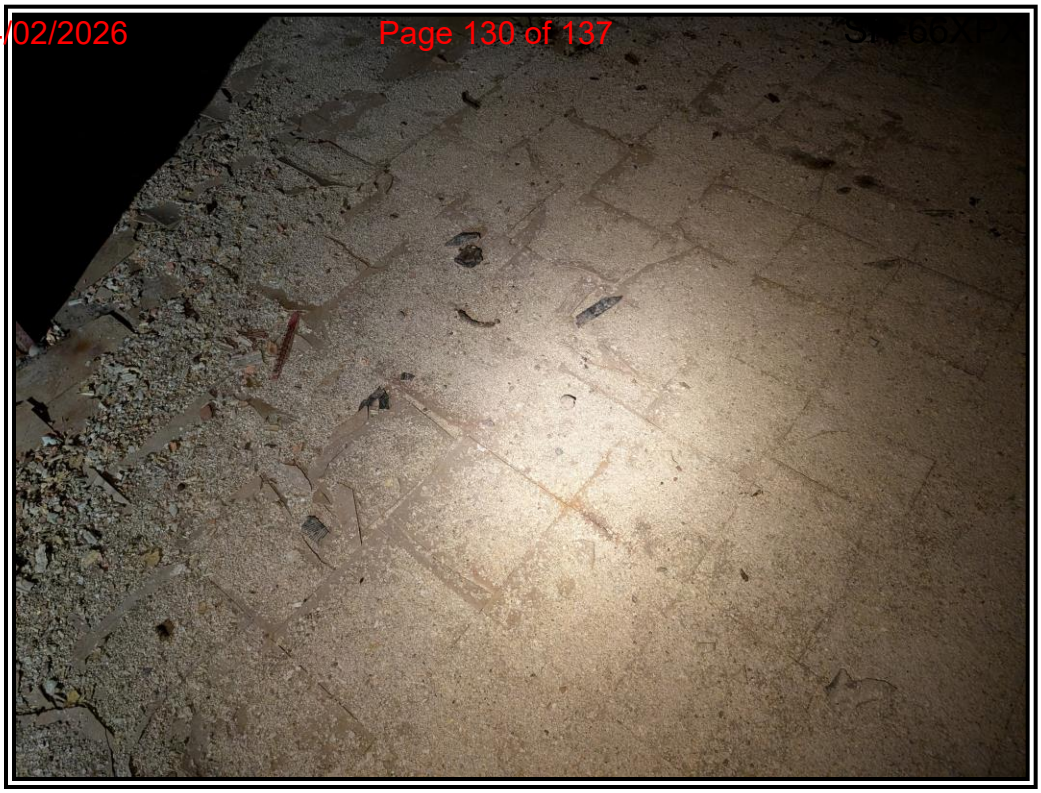


Photo 11: Damaged Asbestos Tan 9” x 9” Floor Tiles with Lead-Based Paint Debris in Basement.



Photo 12: Damaged Asbestos Tan 9” x 9” Floor Tiles with Lead-Based Paint Debris in Basement.

APPENDIX H

Personnel and Laboratory Certifications

WE ARE YOUR DOL

NEW YORK STATE | Department of Labor

DIVISION OF SAFETY & HEALTH LICENSE AND CERTIFICATE UNIT, STATE OFFICE CAMPUS, BLDG. 12, ALBANY, NY 12226

ASBESTOS HANDLING LICENSE

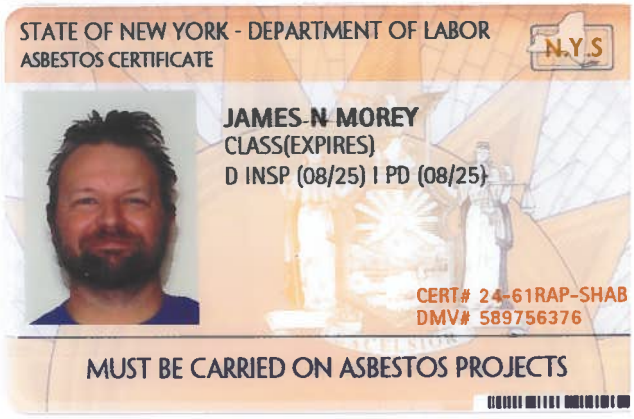
CHA Consulting, Inc.
3 Winners Circle, Albany, NY, 12205

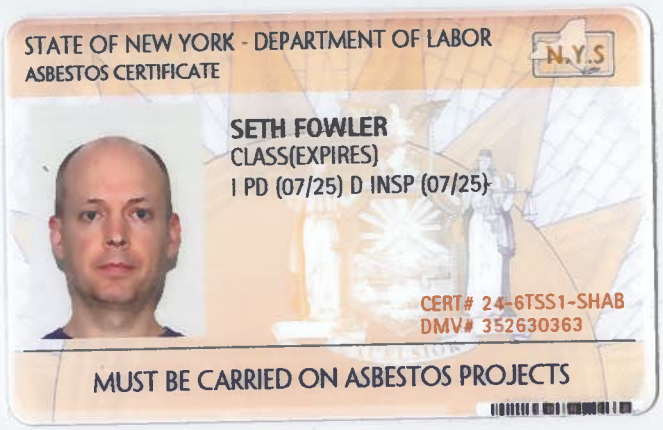
License Number: 60318
License Class: RESTRICTED
Date of Issue: 11/26/2024
Expiration Date: 12/31/2025
Duly Authorized Representative: Seth Fowler

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Amy Phillips, Director
For the Commissioner of Labor


STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE
N.Y.S
JAMES N MOREY
CLASS(EXPIRES)
D INSP (08/25) I PD (08/25)
CERT# 24-61RAP-SHAB
DMV# 589756376
MUST BE CARRIED ON ASBESTOS PROJECTS


STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE
N.Y.S
SETH FOWLER
CLASS(EXPIRES)
I PD (07/25) D INSP (07/25)
CERT# 24-6TSS1-SHAB
DMV# 352630363
MUST BE CARRIED ON ASBESTOS PROJECTS

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2026
Issued April 01, 2025

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. JACKIE DARVISH
ATLAS ENVIRONMENTAL LABS CORP
255 W 36TH STREET SUITE 1503
NEW YORK, NY 10018

NY Lab Id No: 11999

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos in Friable Material	Item 198.1 of Manual
	EPA 600/M4/82/020
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	Item 198.4 of Manual
Asbestos-Vermiculite-Containing Mate	Item 198.8 of Manual
Lead in Dust Wipes	EPA 7000B
Lead in Paint	EPA 7000B

Sample Preparation Methods

	EPA 3050B

Serial No.: 70732

Property of the New York State Department of Health. Certificates are valid only at the address shown and must be conspicuously posted by the laboratory. Continued accreditation depends on the laboratory's successful ongoing participation in the Program. Consumers may verify a laboratory's accreditation status online at https://apps.health.ny.gov/pubdoh/applinks/wc/elappublicweb/, by phone (518) 485-5570 or by email to elap@health.ny.gov.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2026
Issued April 01, 2025

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. IAN ZAHNISER
EUROFINS BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:

Organophosphate Pesticides

Famphur	EPA 8270D
Parathion ethyl	EPA 8270D
Parathion methyl	EPA 8270D
Phorate	EPA 8270D
Sulfotepp	EPA 8270D

Petroleum Hydrocarbons

Diesel Range Organics	EPA 8015D
Gasoline Range Organics	EPA 8015D

Phthalate Esters

Benzyl butyl phthalate	EPA 8270D
Bis(2-ethylhexyl) phthalate	EPA 8270D
Diethyl phthalate	EPA 8270D
Dimethyl phthalate	EPA 8270D
Di-n-butyl phthalate	EPA 8270D
Di-n-octyl phthalate	EPA 8270D

Polychlorinated Biphenyls

Aroclor 1016 (PCB-1016)	EPA 8082A
Aroclor 1221 (PCB-1221)	EPA 8082A
Aroclor 1232 (PCB-1232)	EPA 8082A
Aroclor 1242 (PCB-1242)	EPA 8082A
Aroclor 1248 (PCB-1248)	EPA 8082A
Aroclor 1254 (PCB-1254)	EPA 8082A
Aroclor 1260 (PCB-1260)	EPA 8082A
Aroclor 1262 (PCB-1262)	EPA 8082A
Aroclor 1268 (PCB-1268)	EPA 8082A

Serial No.: 70068

Property of the New York State Department of Health. Certificates are valid only at the address shown and must be conspicuously posted by the laboratory. Continued accreditation depends on the laboratory's successful ongoing participation in the Program. Consumers may verify a laboratory's accreditation status online at https://apps.health.ny.gov/pubdoh/applinks/wc/elappublicweb/, by phone (518) 485-5570 or by email to elap@health.ny.gov.



MTA Construction & Development

EXTERNAL PARTNER PROGRAM
2 Broadway, 8th Floor
New York, NY 10004

Date: 12/11/2025

Building Department Application Number: EPPA-1209.BK.ASITE.Q1953

Addendum to:

Project Type: Public Agency / Utility Project

Brooklyn: Kazimir Vilenchik, P.E., 210 Joralemon Street, 8th Floor, Brooklyn, NY, 11201

Project Location

Borough Brooklyn
Current Transit Asset Type Rail & Subway Lines
Station Name Franklin Av
Line Name Franklin Av (FS)

Project Address 1024 FULTON ST, BROOKLYN, NY, 11238
Block 2015
Lot No 28
Zip Code 11238

Cross Street/Intersection DOWNING STREET, IRVING PLACE
Closest Approx. Distance to Station/Transit Asset in feet 191-200 ft

NYS Licensed Professional Information

First Name JAMES
Last Name PATTERSON
Company Name ANCORA ENGINEERING+ARCHITECTURE

Full Address 49 WEST 27TH STREET, NEW YORK, NY, 10001
Email jpatterson@ancoraengineering.com

Phone Number 212-461-1987
License Number 092183

Relevant Documents

Dear Sir/Madam:

The above applicant recently submitted drawings of proposed building construction at the above location for review and approval. The drawings listed above have been reviewed only for possible adverse effects on existing New York City Transit facilities resulting from the proposed building construction.

The drawings listed above are **Approved**

Subject To:

1. All work being performed in accordance with the approved drawings.
2. The building plans meeting the Department of Buildings approval in all other respects.
3. The construction materials being used for this project, the testing of materials and the inspection of the work meeting the requirements of the Department of Buildings.
4. NYCT review will be required for any revisions to this proposed construction or for the use of cranes for construction in this vicinity.

A copy of each of the above listed drawings, imprinted with the New York City Transit approval stamp dated 12/11/2025, were transmitted to the applicant for submission to your Department for a building permit.

This letter does not constitute certification by the NYCT pursuant to the Zoning Resolution of the City of New York as to any matter, including, but not limited to, matters arising under Section 95-041 thereof.

Applicant Information

Email TEAMDOT@METROPOLISNY.COM
Company Name METROPOLIS GROUP INC
Applicant First Name FRANK
Applicant Last Name FORTINO
Phone Number 212-710-1223
Submissions expected to be made Demolition
Relation to the Project FILING REPRESENTATIVE

Developer Information

First Name N/A
Last Name N/A
Company Name N/A
Full Address N/A, N/A, NY, N/A
Email MERICIS.MONTALVO@METROPOLISNY.COM
Phone Number N/A

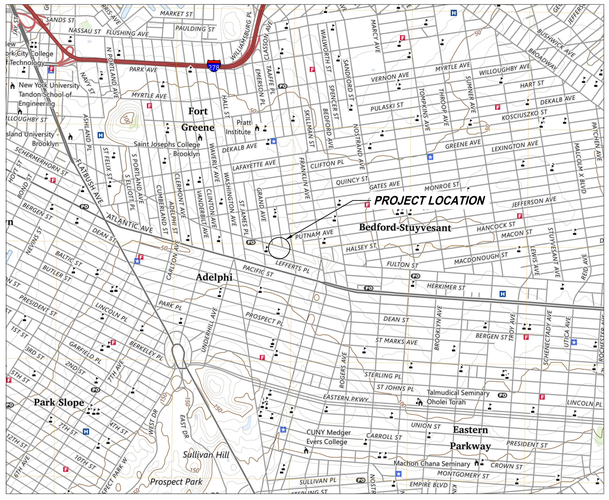


Hashim Muhammad-Graham
Senior Enginering Director
MTA C&D

DEMOLISH BUILDING

JACKIE ROBINSON YOUTH CENTER
1024 FULTON STREET
BROOKLYN, NEW YORK

O.G.S. PROJECT NO. Q1953-C



KEY PLAN

DRAWING LIST

GENERAL

G-001	COVER SHEET AND DRAWING INDEX

HAZMAT

H-100	HAZARDOUS MATERIALS ABATEMENT - GENERAL NOTES AND PHOTO SHEET
H-101	HAZARDOUS MATERIALS ABATEMENT - CELLAR
H-102	HAZARDOUS MATERIALS ABATEMENT - 1ST FLOOR
H-103	HAZARDOUS MATERIALS ABATEMENT - 2ND FLOOR
H-104	HAZARDOUS MATERIALS ABATEMENT - 3RD FLOOR
H-105	HAZARDOUS MATERIALS ABATEMENT - ROOF LEVEL
H-106	HAZARDOUS MATERIALS ABATEMENT - 1016 FULTON ROOF LEVEL

CIVIL

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C-002	DEMOLITION NOTES
C-010	MTA NOTES
C-011	MTA PLAN
C-012	MTA SECTION
C-100	SITE LOGISTICS PLAN
C-101	SITE LOGISTICS SECTIONS
C-102	FRAMING PLAN - ROOF
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C-500	PROTECTION DETAILS I
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C-504	GUARDRAIL & MASONRY WALL REMOVAL DETAILS
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C-507	WESTERN CANOPY REMOVAL PLAN & DETAIL
C-530	MECHANICAL EQUIPMENT SPECIFICATIONS

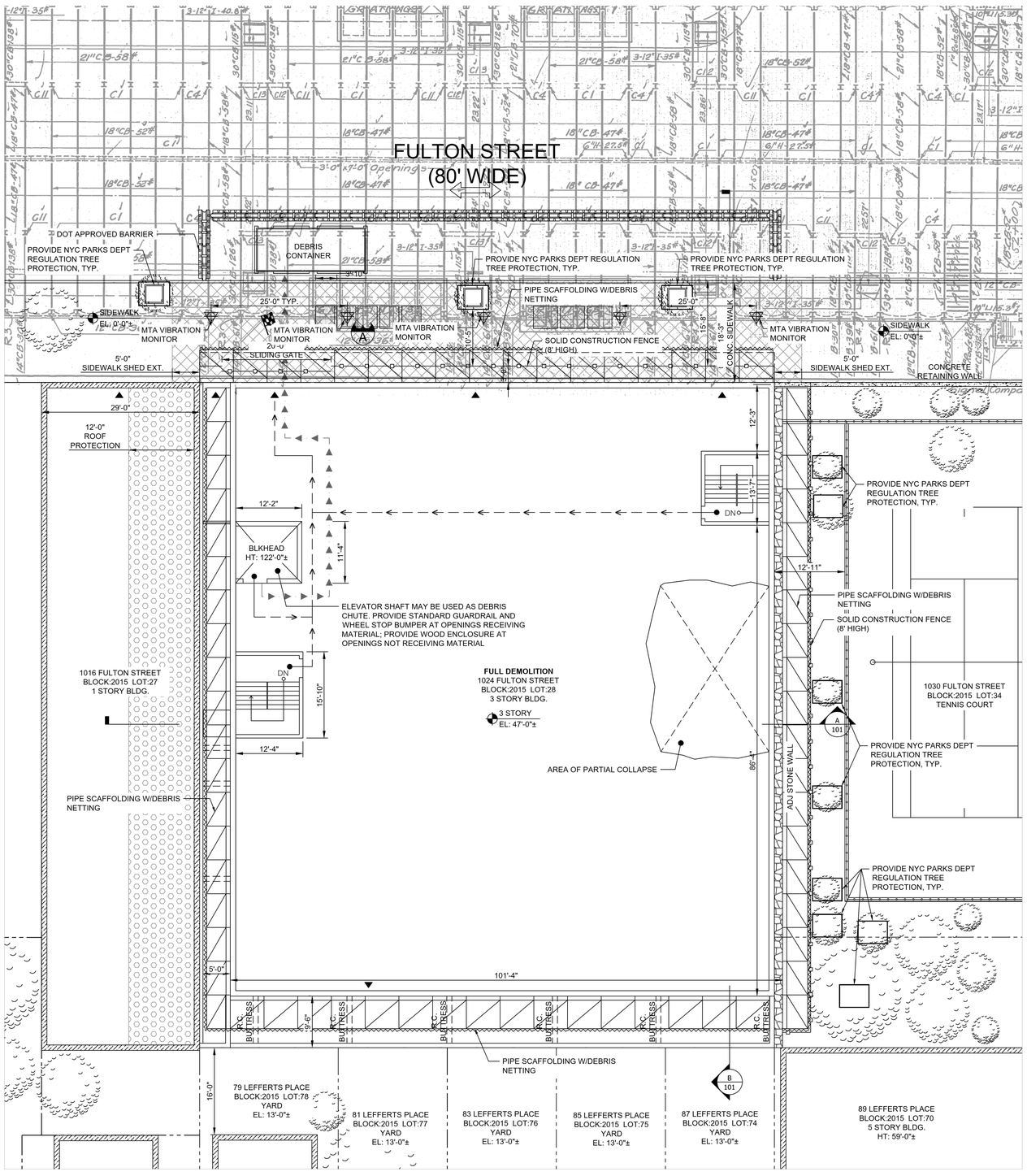
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DESIGN & CONSTRUCTION

MTA Construction and Development
Reviewed as to Effect on NYCT Facilities Only
APPROVED
Hashim Muhammad-Graham
Senior Engineering Director, PD
PPA-1209-BK-ASITE-Q1953
12/11/2025, 12:15:22 PM
EXTERNAL PARTNER PROGRAM

DRAWING NUMBER: G-001

SHEET 1 OF 43



1 NYCT PLAN
SCALE: 3/32" = 1'-0"

GUIDELINES FOR SUBMISSION OF INSURANCE

1. INSURANCE REQUIREMENTS:
REFER TO YOUR AGREEMENT FOR REQUIRED INSURANCE COVERAGES, LIMITS, AND ENDORSEMENTS AND REVIEW WITH
YOUR AUTHORIZED INSURANCE BROKER FOR COMPLIANCE.

2. ACCEPTABLE FORMS OF INSURANCE:
- ACORD 25: CERTIFICATE OF INSURANCE
- ACORD 855: NY CONSTRUCTION CERTIFICATE OF LIABILITY ADDENDUM
- ACORD 28: CERTIFICATE OF COMMERCIAL PROPERTY INSURANCE
- ACORD BINDER OR INSURANCE POLICY
- WORKERS' COMPENSATION (ALTERNATIVE OPTIONS):
  - C-105.2 – CERTIFICATE OF WORKERS' COMPENSATION INSURANCE; OR
  - U-26.3 – CERTIFICATE OF WORKERS' COMPENSATION FROM THE STATE INSURANCE FUND; OR
  - GSI-105/SI-12 – CERTIFICATE OF WORKERS' COMPENSATION SELF INSURANCE; OR
  - CE-200 – ATTESTATION OF EXEMPTION WHEN CONTRACTOR MEETS THE REQUIREMENTS (E.G.) SOLE PROPRIETOR

3. CERTIFICATE OF INSURANCE MUST INCLUDE AT A MINIMUM:
- POLICY COVERAGE DETAILS (E.G.) POLICY TERM, PER OCCURRENCE/PER PROJECT; LIMITS/SUB-LIMITS, AGGREGATE LIMITS, DEDUCTIBLES, SELF-INSURED RETENTIONS, AND INSURANCE CARRIER NAME AND CORRESPONDING NAIC #
- CONTRACT IDENTIFIER (E.G.) CONTRACT #, RFP #, OR ENTRY PERMIT #
- LOCATION AND DESCRIPTION OF WORK
- INDEMNIFIED PARTIES AS AN ADDITIONAL INSURED INCLUDING PRIMARY AND NONCONTRIBUTORY COVERAGE AND WAIVER OF SUBROGATION IN FAVOR OF THE MTA AGENCY
- CERTIFICATE HOLDER MUST LIST THE MTA AGENCY'S NAME AND ADDRESS
- CERTIFICATE OF INSURANCE MUST BE SIGNED BY AN AUTHORIZED INSURANCE REPRESENTATIVE

4. INSURANCE BINDER / POLICY MUST INCLUDE AT A MINIMUM:
(APPLICABLE FOR RAILROAD PROTECTIVE LIABILITY AND BUILDER'S RISK/INSTALLATION FLOATER)
- POLICY COVERAGES AND DETAILS (E.G.) POLICY TERM, LIMITS/SUB-LIMITS, AGGREGATE LIMITS, DEDUCTIBLES, SELFINSURED RETENTIONS, INSURANCE CARRIER NAME AND APPLICABLE NAIC #
- CONTRACT NUMBER OR ENTRY PERMIT NUMBER; DESIGNATED CONTRACTOR; LOCATION AND DESCRIPTION OF
- WORK
- INDEMNIFIED PARTIES AS EITHER A NAMED INSURED OR ADDITIONAL NAMED INSURED
- BINDER MUST BE ISSUED AND SIGNED BY THE AUTHORIZED INSURANCE COMPANY OR THEIR AUTHORIZED INSURANCE AGENT

5. SUBMISSION OF INSURANCE:
(EVIDENCE OF ALL REQUIRED INSURANCE MUST BE SENT TO YOUR AGENCY OR PROCUREMENT REPRESENTATIVE)
- ACORD CERTIFICATE OF INSURANCE
- ADDITIONAL INSURED ENDORSEMENTS (E.G.) CG 20 26
- PRIMARY AND NON-CONTRIBUTORY ENDORSEMENTS
- WAIVER OF SUBROGATION ENDORSEMENTS
- ENVIRONMENTAL ENDORSEMENTS (E.G.) MCS 90 AND CA 99 48, AND OR NODS, WHEN APPLICABLE
- INSURANCE POLICY - A BINDER MAY BE ACCEPTED PENDING ISSUANCE OF THE POLICY. POLICY MUST BE SUBMITTED WITHIN 30 DAYS FROM BINDER EFFECTIVE DATE.
- JOINT VENTURE (JV) – IF THE CONTRACTOR/CONSULTANT IS A JOINT VENTURE, GENERAL LIABILITY INSURANCE MUST BE PROVIDED IN THE NAME OF THE JOINT VENTURE. ALTERNATIVELY, A NAMED INSURED ENDORSEMENT LISTING THE JOINT VENTURE MAY BE ACCEPTED.

6. INSURANCE COMPLIANCE:
THE PERMITTEE WILL BE NOTIFIED WHEN INSURANCE IS COMPLIANT THROUGH THE ASSIGNED "CONTRACT SPECIFIC" EMAIL ADDRESS.

NEW YORK CITY TA REQUIREMENTS FOR APPROVAL OF DEMOLITION PERMITS
THE APPLICANT MUST SUBMIT:
1. A SITE PLAN SHOWING THE LOCATION OF THE BUILDING TO BE DEMOLISHED, NORTH POINT AND DISTANCE TO THE NEAREST INTERSECTIONS. THIS SITE PLAN MUST HAVE A P.E. OR R.A. SEAL.
2. GRATINGS, EMERGENCY EXITS, SUBWAY STAIRS AND OTHER NYC TRANSIT APPURTENANCES MUST BE SHOWN ON THE SITE PLAN.
3. ADDITIONAL INFORMATION MAY BE REQUIRED WHERE BUILDINGS TO BE DEMOLISHED ARE ADJACENT TO NYC TRANSIT FACILITIES.
4. IF THE BUILDING TO BE DEMOLISHED HAS A BASEMENT SUFFICIENTLY DEEP TO HAVE A POTENTIAL IMPACT ON THE NYC TRANSIT FACILITIES, BRACING MAY BE REQUIRED. SUBSEQUENT EXCAVATION FOR CONSTRUCTION OF A NEW BUILDING ON THIS SITE WILL REQUIRE SHEETING AND SHORING DRAWINGS SUBMITTED FOR NYC TRANSIT APPROVAL.
5. IF AN IMPACT CONDITION DOES EXIST, A PLAN SHALL BE SUBMITTED, SEALED BY A P.E., SHOWING THE SITE, EXISTING NYC TRANSIT FACILITIES, APPROPRIATE CROSS SECTIONS AS REQUIRED, AND PROTECTIVE EQUIPMENT AND FACILITIES TO BE PROVIDED BY THE DEMOLITION CONTRACTOR.
6. AN APPROVAL FEE OF $250.00 IS PAYABLE BY CHECK ONLY, MADE OUT TO "NEW YORK CITY TRANSIT."

METROPOLITAN TRANSIT AUTHORITY DEMOLITION NOTES:
1. DEMOLITION SHALL BE BY CONVENTIONAL DEMOLITION METHODS.
2. THE BASEMENT SHALL BE FILLED WITH DEMOLITION DEBRIS OR BRACED UP TO 3 FEET BELOW THE GRADE LEVEL BEFORE THE FIRST FLOOR IS REMOVED.
3. AT OR ADJACENT TO SUBWAY ENTRANCE STAIRS OR VENTILATING GRATINGS OR EMERGENCY EXITS, A STANDARD SIDEWALK SHED SHALL BE ERECTED A MINIMUM FOUR FOOT• HIGH SOLID FENCE, SUCH AS PLYWOOD, SHALL BE PLACED ON THE OUTSIDE OF THE SHED ADJACENT TO THE BUILDING AND SHOWN ON THE SITE PLAN.
4. DEMOLITION MATERIALS AND EQUIPMENT ARE NOT TO BE STORED ON SUBWAY VENTILATORS OR GRATINGS. SUBWAY GRATING, SHALL BE PROTECTED WITH 1" STEEL PLATES FOR 8' ADJACENT TO TRUCK ENTRANCE. AFTER DEMOLITION IS COMPLETED, GRATING DRAINS MUST BE CLEANED OF ALL DEBRIS.
5. IF ANY PORTION OF THE SUBWAY STRUCTURE OR FINISH IS DAMAGED, IT SHALL BE REPAIRED OR REPLACED WITH THE SAME MATERIAL NOW IN PLACE AT THE CONTRACTORS EXPENSE.
6. THE SUBWAY FACILITIES ARE TO BE PROTECTED DURING DEMOLITION SO THAT NO DANGEROUS CONDITION WILL RESULT.
7. NYC TRANSIT SHALL BE NOTIFIED AT LEAST 72 HOURS BEFORE ANY DEMOLITION WORK IS STARTED TO SCHEDULE NYCT INSPECTORS. CONTACT: MR. LIONEL SAINT LOUIS, P.E., ASSISTANT CHIEF OFFICER, INSPECTIONS AND EMERGENCY RESPONSE, MOW, AT (718) 694-1499 AND EMAIL: CONTRACT.INSPECTION@NYCT.COM
8. EMERGENCY EXIT IS TO BE KEPT CLEAR AT ALL TIMES.
9. STANDARD NYCT INSURANCE CLAUSES SHALL BE MADE PART OF THE PROJECT'S CONTRACT DRAWINGS. PROOF THAT THE NECESSARY INSURANCE IS IN EFFECT SHALL BE REQUIRED BEFORE WORK CAN COMMENCE.
10. ALL LUMBER AND PLYWOOD USED FOR PROTECTION OF SUBWAY FACILITIES MUST BE FIRE RETARDED. BELOW STREET LEVEL, FIREPROOF MATERIALS MUST BE USED.
11. BEFORE THE START OF ANY WORK, THE CONTRACTOR SHALL MAKE AN EXAMINATION, IN THE PRESENCE OF NYCT'S ENGINEER, OF THE INTERIOR AND EXTERIOR OF NYCT SUBWAY OR OTHER STRUCTURE ADJACENT TO THE PROPOSED WORK. THE PERSON OR PERSONS AUTHORIZED BY THE CONTRACTOR TO MAKE THESE EXAMINATIONS SHALL BE APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL TAKE ALL PHOTOGRAPHS AS MAY BE NECESSARY OR ORDERED TO INDICATE THE EXISTING CONDITION OF NYCT STRUCTURE. ANY STRUCTURALLY DEFICIENT CONDITION SHALL BE MADE SAFE PRIOR TO THE COMMENCEMENT OF THE WORK. A COPY OF THE FIELD REPORT WITH PHOTOS SHALL BE SUBMITTED TO MR. LIONEL SAINT LOUIS, P.E., ASSISTANT CHIEF OFFICER, INSPECTIONS AND EMERGENCY RESPONSE, MOW ENGINEERING, 130 LIVINGSTON STREET, ROOM 8046, BROOKLYN, NEW YORK 11201, TELEPHONE 347-672- 2448, EMAIL: LIONEL.SAINTLOUIS@NYCT.COM BEFORE THE START OF CONSTRUCTION.

NOTES
A. THE CONTRACTOR IS ADVISED THAT THERE SHALL BE NO MACHINE EXCAVATION WITHIN 3' (THREE FEET) OF NEW YORK CITY TRANSIT STRUCTURE, POWER DUCT LINES OR ANY OTHER FACILITIES UNTIL THEY HAVE BEEN CAREFULLY EXPOSED BY HAND EXCAVATION.
B. THE CONTRACTOR SHALL EXERCISE EXTREME CARE WHEN WORKING WITHIN THE VICINITY OF THE NYCT STRUCTURES. THE CONTRACTOR SHALL BE DEEMED RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING NYCT STRUCTURES CAUSED BY CONTRACTOR OPERATIONS. ANY DAMAGE TO NYCT PROPERTY CAUSED BY CONTRACTOR OPERATIONS SHALL BE REPAIRED BY THE CONTRACTOR, AS DIRECTED BY THE NYCT ENGINEER, AT NO COST TO NYCT.
C. NYCT INSPECTOR IS REQUIRED DURING CONSTRUCTION. PLEASE CONTACT MOW ENGINEERING TO SCHEDULE A NYCT INSPECTOR AT LEAST 72 HOURS PRIOR TO CONSTRUCTION. TELEPHONE 718-694-1499 OR EMAIL **CONTRACT.INSPECTION@NYCT.COM** AND CC **EPP-SAFETY@MTACD.ORG**

MTA Construction and Development
Reviewed as to Effect on NYCT Facilities Only
APPROVED
Hashim Muhammad-Graham
Senior Engineering Director, PID
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12/11/2025, 12:13:23 PM
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NEW YORK STATE OF OPPORTUNITY. Office of General Services
DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

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STATE OF NEW YORK · JAMES M PAPPAGEORGE · LICENSED PROFESSIONAL ENGINEER · 092183
REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING
JACKIE ROBINSON YOUTH CENTER

LOCATION: 1024 FULTON STREET
BROOKLYN, NEW YORK 11238

CLIENT: NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

	10/09/2025	BID DOCUMENT & MTA 02
MARK	DATE	DESCRIPTION

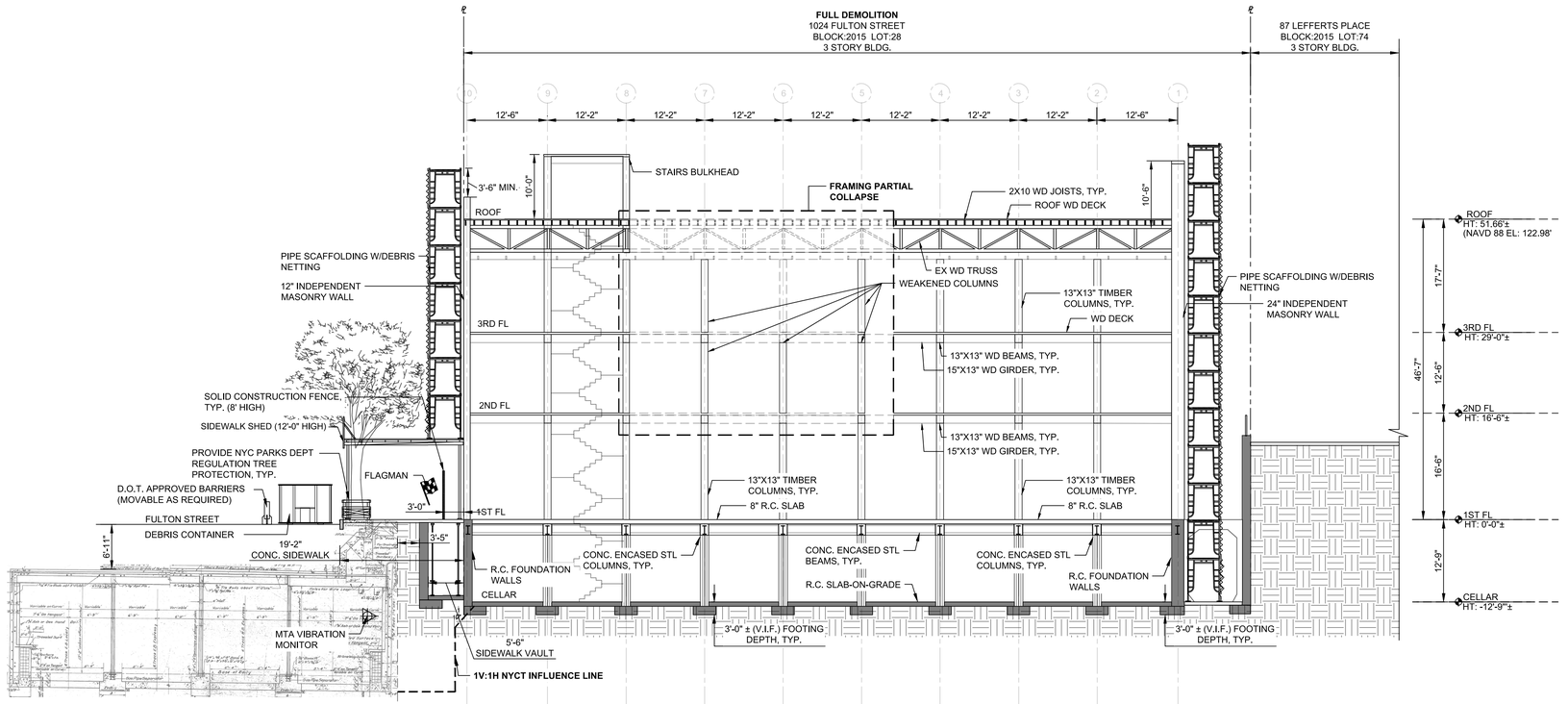
PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE:
MTA PLAN

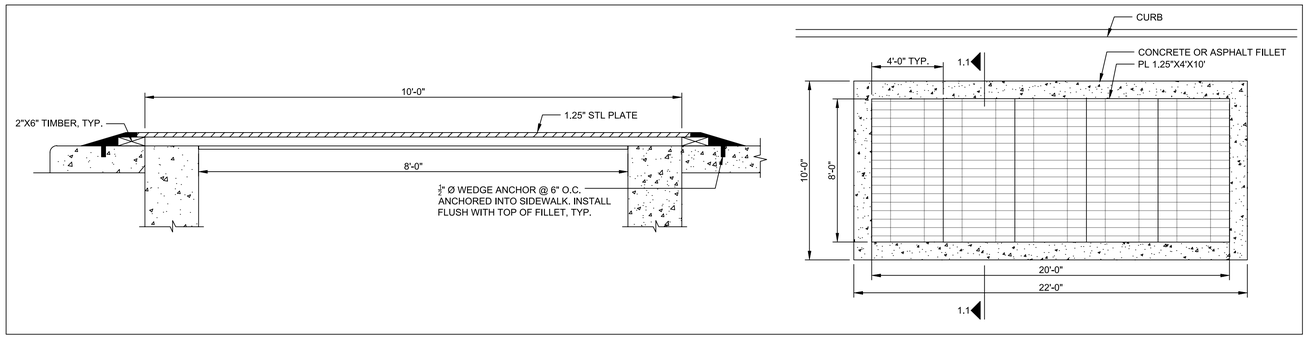
DRAWING NUMBER:
C–011

SHEET 12 OF 43

36x24 PLOT SHEET



B NYCT SECTION
SCALE: 3/32" = 1'-0"



1.1 GRATING PROTECTION DETAIL - SECTION
Scale: 3/4" = 1'-0"

1.2 GRATING PROTECTION DETAIL - PLAN
Scale: 1/4" = 1'-0"

1 SUBWAY GRATING PROTECTION DETAIL

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PPPA-1209-BK-ASITE-Q1953
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CONSULTANT
CERTIFICATE OF AUTHORIZATION No.: 0115759

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CLIENT:
NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	10/09/2025	BID DOCUMENT & MTA 02

PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE:
MTA SECTION

DRAWING NUMBER:
C–012

SHEET 13 OF 43

36x24 PLOT SHEET

HANDHELD DEVISES (DEMOLITION)

1. AIR HAMMER, CHIPPING GUN, & HYDRAULIC BREAKER (AKA JACK-HAMMER)
2. OXY-ACETYLENE BURNING OUTFIT
3. ELECTRICAL GRINDER
4. GAS-POWERED DEMOLITION SAW
5. CHAINSAW
6. RECIPROCATING SAW
7. CUT-OFF SAW
8. CONCRETE SAW
9. GENERATOR & COMPRESSOR
10. CHAIN FALL
11. PORTABLE GANTRY CRANE
12. DRILLS
13. MISC. HANDTOOLS

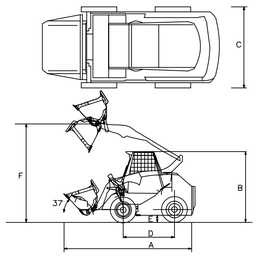
MECHANICAL EQUIPMENT USE RESTRICTIONS

1. AN ANALYSIS OF THE LOADS IMPOSED FROM MECHANICAL EQUIPMENT ON THE EXISTING BUILDING AT 1024 FULTON ST, BROOKLYN, NY 11238. HAS BEEN COMPLETED; AND THE BUILDING IS SUITABLE TO SUPPORT THE PROPOSED LOADS IMPOSED ON THE FLOORS AS INDICATED WITH THE FOLLOWING USE RESTRICTIONS.
2. PRIOR TO MECHANICAL EQUIPMENT OPERATION ON FLOORS; ALL SLABS, BEAMS, COLUMNS AND CONNECTIONS AT THE PROPOSED FLOOR(S) OF OPERATION MUST BE INSPECTED. PRIOR TO MECHANICAL EQUIPMENT USE THE CONTRACTOR SHALL NOTIFY THE DIRECTORS REPRESENTATIVE ONCE THE STRUCTURE IS FULLY EXPOSED AND VISIBLE TO PERMIT INSPECTION.
3. THE CONTRACTOR SHALL NOTIFY THE DIRECTORS REPRESENTATIVE OF ANY UNSTABLE STRUCTURES; AND UNSTABLE STRUCTURES SHALL BE ENCLOSED WITH A CONTROLLED ACCESS ZONE UNTIL THEY CAN BE REMOVED OR SHORING PROVIDED AS DESIGNED BY DIRECTORS REPRESENTATIVE.
4. MECHANICAL EQUIPMENT OF SIMILAR WEIGHT AND DIMENSIONS OF THOSE LISTED ABOVE MAY BE SUBSTITUTED FOR USE AS APPROVED BY THE DIRECTORS REPRESENTATIVE.
5. OPERATING WEIGHT AND RATED LOAD CAPACITY SHALL BE CONSPICUOUSLY POSTED ON ALL MECHANICAL CONSTRUCTION EQUIPMENT. MANUFACTURER SPECIFICATIONS INCLUDING LIFT CAPACITY AND LIFT CAPACITY CHARTS SHALL FOR ALL MACHINES IN USE SHALL BE KEPT ON-SITE AND READILY AVAILABLE UPON REQUEST.
6. OPERATOR'S OF MECHANICAL EQUIPMENT SHALL BE DESIGNATED BY THE REGISTERED CONSTRUCTION SUPERINTENDENT; AND SHALL BE PROPERLY TRAINED, CERTIFIED, SKILLED AND EXPERIENCED.
7. PLACEMENT ON FLOOR/ROOF DECK WITHIN BUILDING
   - 7.1. REFER TO THE MECHANICAL EQUIPMENT LIST
   - 7.2. MAXIMUM NUMBER OF MACHINES PERMITTED WITHIN BUILDING AT ANY GIVEN TIME.
     - 7.2.1. WORKING DECK: 0
     - 7.2.2. FLOOR BELOW ACTIVE DEMOLITION FLOOR: 0
     - 7.2.3. GROUND FLOOR: 1, ONLY IN SHORED AREAS
     - 7.2.4. CELLAR: 4
   - 7.3. MECHANICAL EQUIPMENT SHALL MAINTAIN A MINIMUM SEPARATION DISTANCE OF 1 COLUMN BAY OR AS NOTED IN THE MECHANICAL EQUIPMENT LIST TABLE, WHICHEVER IS GREATER.
   - 7.4. COLUMN BAYS WITHIN THE PATH OF TRAVEL FOR MACHINES SHALL BE KEPT CLEAR OF DEBRIS (U.O.N)
   - 7.5. MECHANICAL EQUIPMENT SHALL NOT BE OPERATED IN A MANNER THAT A WHEEL IS UPLIFTED OR IN A MANNER THAT IMPARTS EXTREME DYNAMIC LOADING ON THE DECK.
   - 7.6. WHEN NOT IN USE, MECHANICAL EQUIPMENT SHALL BE PARKED; TURNED OFF; AND SECURED AGAINST DISLODGEMENT; EQUIPMENT MAY BE STORED AT LOCATIONS IN COMPLIANCE WITH THE PERMISSIBLE FLOOR PLACEMENT, MINIMUM SEPARATION DISTANCE, AND NO LOAD ZONES PRESENTED HEREIN.
   - 7.7. MECHANICAL EQUIPMENT ARE NOT PERMITTED WITHIN AREAS DESIGNATED "MECHANICAL EQUIPMENT NO LOAD ZONE" AND THESE AREAS SHALL BE IDENTIFIED WITH SIGNAGE STATING "CAUTION - MECHANICAL EQUIPMENT - NO LOAD ZONE" AND DELINEATED WITH CAUTION TAPE, CHAIN, OR OTHER SIMILAR SAFETY BARRIER.
8. PLACEMENT ON-GRADE
   - 8.1. THESE LIMITATIONS ALSO APPLY TO VEHICLES, TRAILERS & DEBRIS CONTAINERS.
   - 8.2. MAINTAIN A NO LOAD ZONE WITHIN 8' MIN OF ADJOINING FOUNDATION
   - 8.3. PROVIDE A 1V:1.5H BERM OF MASONRY AND CONCRETE DEBRIS AND/OR CLEAN FILL AGAINST FULL HEIGHT OF FOUNDATION WALLS PRIOR TO OPERATING MACHINES(S) NEAR UN-BRACED FOUNDATION WALLS.
9. ANY EVENT, CHANGE OF METHOD OR CONDITION THAT PROMPTS THE CONCERN ABOUT THE INTEGRITY OF THE STRUCTURE TO SUPPORT THE EQUIPMENT SHALL BE REPORTED TO THE DIRECTORS REPRESENTATIVE IMMEDIATELY AND WORK SHALL NOT PROCEED IN SUSPECT AREA(S)
10. REFUELING & FUEL STORAGE
    - 10.1. REFUELING SHALL BE CONDUCTED IN ACCORDANCE WITH NYC BC SECTION 3320.]
    - 10.2. FUEL STORAGE SHALL BE IN COMPLIANCE WITH NYC BC SECTION 3313 AND REQUIREMENTS OF THE NYC FIRE CODE.
11. ALL MECHANICAL EQUIPMENT SHALL BE EQUIPPED WITH A HARD CAB OR CANOPY.
12. LIFTING OPERATIONS
    - 12.1. CONTRACTOR SHALL ADHERE TO MANUFACTURER SPECIFICATIONS FOR LIFTING OPERATIONS.
    - 12.2. LIFTING CAPACITY SPECIFIED IN THE MANUFACTURER SPECIFICATIONS OR IN THE MECHANICAL EQUIPMENT, WHICHEVER IS LOWER, SHALL NOT BE EXCEEDED.
13. DEMOLITION OF CONCRETE SLAB DECK WITH HYDRAULIC HAMMER
    - 13.1. WHEN PERFORMING FROM FLOOR BELOW, MACHINE SHALL MAINTAIN A MINIMUM DISTANCE OF HALF THE FLOOR TO FLOOR HEIGHT FROM THE EDGE OF SLAB.
    - 13.2. MACHINE SHALL NOT OPERATE ON THE SLAB BAY BEING DEMOLISHED; CANTILEVERED SLAB OR WHERE A SLAB HAS CRACKED OR SEPARATED FROM THE SUPPORT/ADJOINING BEAM.
14. SKID STEER LOADERS MAY BE USED FOR THE FOLLOWING OPERATIONS
    - 14.1. TRANSPORT OF DEBRIS, EQUIPMENT AND OTHER MATERIALS
    - 14.2. BACKFILL AND GRADING
    - 14.3. ASSISTING HAND DEMOLITION WITH REMOVAL OF BEAMS, GIRDERS AND COLUMNS IN ACCORDANCE WITH THE DEMOLITION MEANS AND METHODS DRAWINGS.
    - 14.4. RATED OPERATING CAPACITY FOR LOADERS SHALL NOT BE EXCEEDED. TIPPING IS STRICTLY PROHIBITED.
15. REMOTE CONTROLLED DEMOLITION MACHINES (AKA BROKK(S)) MAY BE USED FOR THE FOLLOWING OPERATIONS IN ACCORDANCE WITH THE DEMOLITION MEANS AND METHODS DRAWINGS.
    - 15.1. CRACKING CONCRETE SLAB-ON-GRADE
    - 15.2. DEMOLITION OF INTERIOR NON-LOAD BEARING WALLS.
    - 15.3. DEMOLITION OF MASONRY WALLS
    - 15.4. DEMOLITION OF CONCRETE SLAB, WALLS, BEAMS & COLUMNS.
16. MINI EXCAVATOR(S) MAY BE USED FOR THE FOLLOWING OPERATIONS IN ACCORDANCE WITH THE DEMOLITION MEANS AND METHODS DRAWINGS.
    - 16.1. TRANSPORT OF DEBRIS, EQUIPMENT AND OTHER MATERIALS.
    - 16.2. BACKFILL AND GRADING
    - 16.3. CRACKING CONCRETE SLAB-ON-GRADE
    - 16.4. DEMOLITION OF INTERIOR NON-LOAD BEARING WALLS.
    - 16.5. DEMOLITION OF MASONRY WALLS
    - 16.6. DEMOLITION OF CONCRETE SLAB, WALLS, BEAMS & COLUMNS.
    - 16.7. ASSISTING HAND DEMOLITION WITH REMOVAL OF BEAMS, GIRDERS AND COLUMNS IN ACCORDANCE WITH THE DEMOLITION MEANS AND METHODS DRAWINGS.
    - 16.8. ASSISTING HAND DEMOLITION BY GRASPING WOOD JOIST/OPEN WEB JOISTS/COLD FORM STEEL JOISTS/BEAMS PRIOR TO HAND CUTTING AND LOWERING CUT MEMBERS TO FLOOR BELOW. STRUCTURAL MEMBERS NOT BE PULLED OR TWISTED.
17. EXCAVATORS MAY BE USED FOR THE FOLLOWING OPERATIONS IN ACCORDANCE WITH THE DEMOLITION MEANS AND METHODS DRAWINGS.
    - 17.1. FULL MECHANICAL DEMOLITION
    - 17.2. TRANSPORT OF DEBRIS, EQUIPMENT AND OTHER MATERIALS.
    - 17.3. BACKFILL AND GRADING
    - 17.4. CRACKING CONCRETE SLAB-ON-GRADE
    - 17.5. DEMOLITION OF INTERIOR NON-LOAD BEARING WALLS.
    - 17.6. DEMOLITION OF MASONRY WALLS
    - 17.7. DEMOLITION OF CONCRETE SLAB, WALLS, BEAMS & COLUMNS.
    - 17.8. ASSISTING HAND DEMOLITION WITH REMOVAL OF BEAMS, GIRDERS AND COLUMNS IN ACCORDANCE WITH THE DEMOLITION MEANS AND METHODS DRAWINGS.
    - 17.9. ASSISTING HAND DEMOLITION BY GRASPING WOOD JOIST/OPEN WEB JOISTS/COLD FORM STEEL JOISTS/BEAMS PRIOR TO HAND CUTTING AND LOWERING CUT MEMBERS TO FLOOR BELOW. STRUCTURAL MEMBERS NOT BE PULLED OR TWISTED.
    - 17.10. WHEN NOT IN USE, THE ARM & ATTACHED TOOL, E.G., BUCKET, SHEARS OR GRAPPLE, SHALL BE LOWERED TO GRADE.
18. HI-REACH EXCAVATORS MAY BE USED FOR THE FOLLOWING OPERATIONS IN ACCORDANCE WITH THE DEMOLITION MEANS AND METHODS DRAWINGS.
    - 18.1. FULL MECHANICAL DEMOLITION
    - 18.2. TRANSPORT OF DEBRIS, EQUIPMENT AND OTHER MATERIALS.
    - 18.3. WHEN NOT IN USE, THE ARM & ATTACHED TOOL, E.G., BUCKET, SHEARS OR GRAPPLE, SHALL BE LOWERED TO GRADE.
19. AERIAL LIFTS. EXTENDABLE BOOM PLATFORMS, ARTICULATED BOOM LIFTS)
    - 19.1. AERIAL LIFTS MAY BE OPERATED ON EXTERIOR GRADE TO FACILITATE HAND DEMOLITION.
    - 19.2. SHALL BE OPERATED IN STRUCT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND OSHA STANDARDS.
    - 19.3. ONLY TRAINED AND AUTHORIZED PERSONS ARE ALLOWED TO OPERATE AN AERIAL LIFT.
    - 19.4. PRIOR TO EACH WORK SHIFT, CONDUCT A PRE-START INSPECTION TO VERIFY THAT THE EQUIPMENT AND ALL ITS COMPONENTS ARE IN SAFE OPERATING CONDITION. FOLLOW MANUFACTURER RECOMMENDATIONS AND INCLUDE A CHECK OF VEHICLE COMPONENTS AND LIFT COMPONENTS. DO NOT OPERATE NAY AERIAL LIFT OF ANY OF THESE COMPONENTS ARE DEFECTIVE UNTIL TI IS REPAIRED BY A QUALIFIED PERSON. REMOVE DEFECTVE AERIAL LIFTS FROM SERVICE (TAG OUT) UNTIL REPAIRS ARE MADE.)d
    - 19.5. CONTRACTOR MUST ENSURE WORK ZONES ARE INSPECTED FOR HAZARDS AND TAKE CORRECTIVE ACTIONS TO ELIMATE SUCH HAZARDS BEFORE AND DURING OPERATION OF AN AERIAL LIFT. ITEMS TO LOOK FOR INCLUDE: DROP-OFF, HOLES, OR UNSTABLE SURFACES SUCH AS LOOSE DIRT; INADEQUATE CEILING HEIGHTS (VERTICAL CLEARANCE); SLOPES, DITCHES, OR BUMPS; DEBRIS AND FLOOR OBSTRUCTIONS; OVERHEAD ELECTRIC POWER LINES ANDCOMMUNICATION CABLES; OTHER OVERHEAD OBSTRUCTIONS; OTHER HAZARDOUS LOCATIONS AND ATMOSPHERES;
    - 19.6. HIGH WIND AND OTHER SEVERE WEATHER CONDITIONS, SUCH AS ICE; AND PRESENSE OF OTHERS IN CLOSE PROXIMITY TO THE WORK.
    - 19.7. CONTRACTOR IS RESPONSIBLE FOR FALL PROTECTION. ENSURE THAT ACCESS GATES OR OPENINGS ARE CLOSED; STAND FIRMLY ON THE FLOOR OF THE BUCK OR LIFT PLATFORM; DO NOT CLIMB ON OR LEAN OVER GUARDRAILS OR HANDRAILS. DO NOT USE PLANKS, LADDERS, OR OTHER DEVISES AS A WORKING POSITION. USE BODY HARNESS OR A RESTRAINING BELT WITH A LANYARD ATTACEHD TO THE BOOM OR BUCKET.
    - 19.8. DO NOT BELT-OFF TO ADJACENT STRUCTURES OR POLES WHILE IN THE BUCKET.
    - 19.9. OPERATING / TRAVELING / LOADING. DO NOT EXCEED THE LOAD-CAPACITY LIMITS. TAKE THE COMBINED WEIGHT OF THE WORKER(S), TOOLS AND MATERIALS INTO ACCOUNT WHEN CALCULATING THE LOAD. DO NOT USE THE AERIAL LIFT AS A CRANE. DO NOT CARRY OBJECTS LARGER THAN THE PLATFORM. DO NOT DRIVE WIT THE LIFT PLATFORM RAISED (UNLESS THE MANUFACTURER'S INSTRUCTIONS ALLOW THIS). DO NOT OPERATE LOWER LEVEL CONTROLS UNLESS PERMISION IS OBTAINED FROM THE WORKER(S) IN THE LIFT (EXCEPT EMERGENCIES)). DO NOT EXCEED VERTICAL OR HORIZONTAL REACH LIMITS. DO NOT OPERATE AN AERIAL LIFT IN HIGH WINDS ABOVE THOSE RECOMMENDED BY THE MANUFACTURER. DO NOT OVERRIDE HYDRAULIC, MECHANICAL OR ELECTRICAL SAFETY DEVISES.
    - 19.10. OVERHEAD PROTECTION. BE AWARE OF OVERHEAD CLERANCE AND OVERHEAD OBJECTS, INCLUDING CEILINGS. DO NOT POSITION AERIAL LIFTS BETWEEN OVERHEAD HAZARDS IF POSSIBLE. TREAT ALL OVERHEAD POWER LINES AND COMMUNICATION CABLES AS ENERGIZED AND STAY AT LEAST 10 FEET AWAY. ENSURE THAT THE POWER UTILITY OR POWER LINE WORKERS DE-ENERGIZE POWER LINES IN THE VICINITY OF WORK.
    - 19.11. STABILITY IN WORK ZONE. SET OUTRIGGERS ON PADS OR ON A LEVEL, SOLID SURFACE. SET BRAKES WHEN OUTRIGGERS ARE USED. USE WHIEEL CHOCKS ON SLOPED SURFACES WHEN IT IS SAFE TO DO SO. SET UP WORK ZONE WARNINGS, SUCH AS CONES AND SIGNS, WHEN NECESSARY TO WARN OTHERS.
    - 19.12. MAY BE USED TO FACILITATE HAND DEMOLITION OPERATIONS.

MECHANICAL EQUIPMENT LIST

TYPE	MAKE/MODEL	OPERATING WEIGHT (Lbs)	LIFT CAPACITY (LBS)	HOE RAM/HYDRAULIC HAMMER ENERGY OUTPUT (FT*LBS)	FLOOR LEVEL PLACEMENT	USE DESCRIPTION		
						FULL MECHANICAL DEMO	TRANSPORTATION OF DEBRIS, EQUIPMENT OR OTHER MATERIALS	ASSIST HAND DEMOLITION
SKID STEER LOADER	BOBCAT S70	2,795	700	N/A	GRADE ONLY	N/A	•	N/A
SKID STEER LOADER	BOBCAT S150	5,935	1,500	N/A	GRADE ONLY	N/A	•	N/A
SKID STEER LOADER	BOBCAT S160	6,019	6,019	N/A	GRADE ONLY	N/A	•	N/A
SKID STEER LOADER	BOBCAT S175	6,220	1,750	N/A	GRADE ONLY	N/A	•	N/A
SKID STEER LOADER	BOBCAT S450	5,027	1,300	N/A	GRADE ONLY	N/A	•	N/A
SKID STEER LOADER	BOBCAT S550	6,213	1,750	N/A	GRADE ONLY	N/A	•	N/A
SKID STEER LOADER	CAT 226B	5,822	1,500	N/A	GRADE ONLY	N/A	•	N/A
SKID STEER LOADER	CAT 236B	7,007	1,950	N/A	GRADE ONLY	N/A	•	N/A
MINI EXCAVATOR	CAT 303.5C CR	8,200	1,256	272.9	GRADE ONLY	•	•	•
MINI EXCAVATOR	CAT 303.5E CR	7,734	1,370	272.9	GRADE ONLY	•	•	•
MINI EXCAVATOR	BOBCAT E32	7,097	1,004	300	GRADE ONLY	•	•	•
MINI EXCAVATOR	BOBCAT E35	7,383	1,082	300	GRADE ONLY	•	•	•
MINI EXCAVATOR	BOBCAT 325	6,145	686	N/A	GRADE ONLY	•	•	•
EXCAVATOR	KOMATSU PC70	15,829	2,220	N/A	GRADE ONLY	•	•	•
EXCAVATOR	KOMATSU PC200	44,114	4,960	1740	GRADE ONLY	•	•	•
EXCAVATOR	CAT 336F	88,400	9,350	6000	GRADE ONLY	•	•	•

1. A MECHANICAL EQUIPMENT ANALYSIS OF THE EXISTING STRUCTURES LOCATED AT 1024 FULTON STREET HAS BEEN COMPLETED; AND THE BUILDING IS SUITABLE TO SUPPORT THE IMPOSED MECHANICAL EQUIPMENT LIVE LOADS ON THE FLOORS, AS INDICATED ABOVE.
2. GRADE ONLY MEANS GRADE, SLAB-ON-GRADE AND BACKFILL.



MAKE:	CAT
MODEL:	CAT 236B
OPERATING WEIGHT:	7,007 LBS
(A) OVERALL LENGTH	138.0 IN
(B) OVERALL HEIGHT	82.0 IN
(C) OVERALL WIDTH	66.0 IN
(D) WHEEL BASE	45.0 IN
(E) CLEARANCE	9.3 IN
(F) HINGE PIN (MAX HT.)	122.9 IN

MAKE:	BOBCAT SKID STEER LOADER
MODEL:	BOBCAT S150
OPERATING WEIGHT:	5,935 LBS
(A) OVERALL LENGTH	101.8 IN
(B) OVERALL HEIGHT	76.3 IN
(C) OVERALL WIDTH	66.0 IN
(D) WHEEL BASE	40.6 IN
(E) CLEARANCE	7.5 IN
(F) HINGE PIN (MAX HT.)	114.5 IN

MAKE:	BOBCAT SKID STEER LOADER
MODEL:	BOBCAT S550
OPERATING WEIGHT:	6,213 LBS
(A) OVERALL LENGTH	133.0 IN
(B) OVERALL HEIGHT	78.0 IN
(C) OVERALL WIDTH	64.7 IN
(D) WHEEL BASE	42.6 IN
(E) CLEARANCE	7.3 IN
(F) HINGE PIN (MAX HT.)	114.5 IN

MAKE:	BOBCAT SKID STEER LOADER
MODEL:	BOBCAT S160
OPERATING WEIGHT:	6,019 LBS
(A) OVERALL LENGTH	101.8 IN
(B) OVERALL HEIGHT	76.3 IN
(C) OVERALL WIDTH	66.0 IN
(D) WHEEL BASE	40.6 IN
(E) CLEARANCE	7.6 IN
(F) HINGE PIN (MAX HT.)	114.5 IN

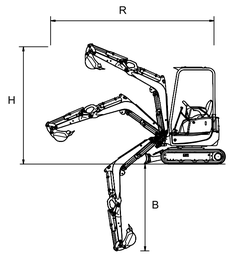
MAKE:	BOBCAT SKID STEER LOADER
MODEL:	BOBCAT S70
OPERATING WEIGHT:	2,795 LBS
(A) OVERALL LENGTH	75.6 IN
(B) OVERALL HEIGHT	71.4 IN
(C) OVERALL WIDTH	35.5 IN
(D) WHEEL BASE	28.4 IN
(E) CLEARANCE	5.6 IN
(F) HINGE PIN (MAX HT.)	94.8 FT

MAKE:	BOBCAT SKID STEER LOADER
MODEL:	BOBCAT S175
OPERATING WEIGHT:	6,220 LBS
(A) OVERALL LENGTH	101.8 IN
(B) OVERALL HEIGHT	76.3 IN
(C) OVERALL WIDTH	66.0 IN
(D) WHEEL BASE	40.6 IN
(E) CLEARANCE	7.6 IN
(F) HINGE PIN (MAX HT.)	118.2 IN

MAKE:	BOBCAT SKID STEER LOADER
MODEL:	BOBCAT S450
OPERATING WEIGHT:	5,027 LBS
(A) OVERALL LENGTH	126.0 IN
(B) OVERALL HEIGHT	78.0 IN
(C) OVERALL WIDTH	58.8 IN
(D) WHEEL BASE	35.4 IN
(E) CLEARANCE	8.4 IN
(F) HINGE PIN (MAX HT.)	110.4 IN

MAKE:	CAT
MODEL:	CAT 226B
OPERATING WEIGHT:	5,822 LBS
(A) OVERALL LENGTH	127.3 IN
(B) OVERALL HEIGHT	76.8 IN
(C) OVERALL WIDTH	60.0 IN
(D) WHEEL BASE	38.9 IN
(E) CLEARANCE	7.7 IN
(F) HINGE PIN (MAX HT.)	112.4 IN

1 SKID STEER LOADERS
Scale: AS NOTED



MAKE:	CAT
MODEL:	303.5C CR
OPERATING WEIGHT:	8,200 LBS
R:	REACH FROM SWING CENTER LINE: 24FT-5IN
H:	LIFT POINT HEIGHT: 16FT-6IN MAXIMUM
L:	5FT-11IN
S:	8FT-2IN
B:	10FT-4IN

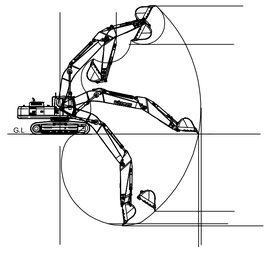
MAKE:	CAT
MODEL:	303.5E CR
OPERATING WEIGHT:	7,734 LBS
R:	REACH FROM SWING CENTER LINE: 23FT-11IN
H:	LIFT POINT HEIGHT: 16FT-6IN MAXIMUM
L:	5FT-10IN
S:	8FT-2IN
B:	9FT-7IN

MAKE:	BOBCAT
MODEL:	E32
OPERATING WEIGHT:	7,097 LBS
R:	REACH FROM SWING CENTER LINE: 26FT-1IN
H:	LIFT POINT HEIGHT: 11FT MAXIMUM
L:	5FT-1IN
S:	8FT
B:	10FT-2IN

MAKE:	BOBCAT
MODEL:	E35
OPERATING WEIGHT:	7,383 LBS
R:	REACH FROM SWING CENTER LINE: 27FT
H:	LIFT POINT HEIGHT: 11FT MAXIMUM
L:	5FT-9IN
S:	8FT
B:	10FT-2IN

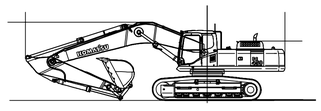
MAKE:	BOBCAT
MODEL:	325
OPERATING WEIGHT:	6,145 LBS
R:	REACH FROM SWING CENTER LINE: 17FT-9IN
H:	LIFT POINT HEIGHT: 13FT-1IN MAXIMUM
L:	4FT-7IN
S:	7FT-8IN
B:	8FT-4IN

2 MINI EXCAVATORS
Scale: AS NOTED

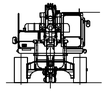


MAKE:	KOMATSU
MODEL:	PC 70
OPERATING WEIGHT:	15,829 LBS
WORKING RANGE	
(A) OVERALL LENGTH	19FT-11 IN
(B) OVERALL WIDTH	7FT-4 IN
(C) OVERALL HEIGHT (TOP OF CAB)	8FT-8 IN
(D) GROUND CLEARANCE, COUNTERWEIGHT	2FT-5 IN
(E) MINIMUM GROUND CLEARANCE	1FT-2 IN
(F) TAIL SWING RADIUS	5FT-9 IN
(G) LENGTH OF TRACK ON GROUND	7FT-11 IN
(H) TRACK LENGTH	9FT-1 IN
(I) TRACK GAUGE	5FT-7 IN
(J) WIDTH OF CRAWLER	7FT-1 IN
(K) SHOE WIDTH	1FT-6 IN
(L) GROUSER HEIGHT	0FT - 1IN
(M) MACHINE CAB HEIGHT	6FT-1 IN
(N) MAX. DIGGING HEIGHT	23FT-5 IN
(O) MAX. DUMPING HEIGHT	16FT-5 IN
(P) MAX. DIGGING DEPTH	13FT-5 IN
(Q) MAX. VERT. WALL DIGGING DEPTH	11FT-6 IN
(R) MAX. DIGGING DEPTH OF CUT FOR 8' LEVEL	13FT-5 IN
(S) MAX. DIGGING REACH	23FT-10 IN
(T) MAX. DIGGING REACH AT GROUND LEVEL	20FT-5 IN
(U) MIN. SWING RADIUS	5FT-9 IN

MAKE:	KOMATSU
MODEL:	CAT 336F
OPERATING WEIGHT:	88,400 LBS
WORKING RANGE	
(A) OVERALL LENGTH	36FT-8 IN
(B) OVERALL WIDTH	10FT-10 IN
(C) OVERALL HEIGHT (TOP OF CAB)	12FT-0 IN
(D) GROUND CLEARANCE, COUNTERWEIGHT	4FT-0 IN
(E) MINIMUM GROUND CLEARANCE	1FT-8 IN
(F) TAIL SWING RADIUS	11FT-5 IN
(G) LENGTH OF TRACK ON GROUND	13FT-3 IN
(H) TRACK LENGTH	16FT-6 IN
(I) TRACK GAUGE	8FT-6 IN
(J) WIDTH OF CRAWLER	11FT-1 IN
(K) SHOE WIDTH	1FT -6 IN
(L) GROUSER HEIGHT	0FT - 1IN
(M) MACHINE CAB HEIGHT	10FT-4 IN
(N) MAX. DIGGING HEIGHT	26FT-10 IN
(O) MAX. DUMPING HEIGHT	24FT-7 IN
(P) MAX. DIGGING DEPTH	25FT-0 IN
(Q) MAX. VERT. WALL DIGGING DEPTH	20FT-8 IN
(R) MAX. DIGGING DEPTH OF CUT FOR 8' LEVEL	18FT-1 IN
(S) MAX. DIGGING REACH	38FT-5 IN
(T) MAX. DIGGING REACH AT GROUND LEVEL	N/A
(U) MIN. SWING RADIUS	N/A



MAKE:	KOMATSU
MODEL:	PC 200
OPERATING WEIGHT:	44,114 LBS
WORKING RANGE	
(A) OVERALL LENGTH	31FT-1 IN
(B) OVERALL WIDTH	8FT-11 IN
(C) OVERALL HEIGHT (TOP OF CAB)	9FT-10 IN
(D) GROUND CLEARANCE, COUNTERWEIGHT	3FT-7 IN
(E) MINIMUM GROUND CLEARANCE	1FT-5 IN
(F) TAIL SWING RADIUS	9FT-0 IN
(G) LENGTH OF TRACK ON GROUND	10FT-9 IN
(H) TRACK LENGTH	13FT-4 IN
(I) TRACK GAUGE	7FT-3 IN
(J) WIDTH OF CRAWLER	9FT-2 IN
(K) SHOE WIDTH	2FT-0 IN
(L) GROUSER HEIGHT	0FT - 1IN
(M) MACHINE CAB HEIGHT	6FT-10 IN
(N) MAX. DIGGING HEIGHT	31FT-2 IN
(O) MAX. DUMPING HEIGHT	21FT-9 IN
(P) MAX. DIGGING DEPTH	17FT-8 IN
(Q) MAX. VERT. WALL DIGGING DEPTH	15FT-2 IN
(R) MAX. DIGGING DEPTH OF CUT FOR 8' LEVEL	16FT-0 IN
(S) MAX. DIGGING REACH	29FT-1 IN
(T) MAX. DIGGING REACH AT GROUND LEVEL	28FT-5 IN
(U) MIN. SWING RADIUS	9FT-11 IN



3 EXCAVATOR
Scale: AS NOTED

MTA Construction and Development
Reviewed as to Effect on NYCT Facilities Only
APPROVED
Hashim Muhammad-Graham
Senior Engineering Director, PCP
PPA-1209-BK-ASITE-01
11/2025. 12:13:23 PM
EXTERNAL AGENCY PARTNER PROGRAM

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0115759

ANCORA
Engineering + Architecture

ENERGY CODE STATEMENT:

TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 ENERGY CODE.

UNIFORM CODE STATEMENT:

TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, LE., ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND A CLASS 'A' MISDEMEANOR.

STATE OF NEW YORK · JAMES M. PAPPAGEO · 092183 · LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: DECEMBER 31, 2027

CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
JACKIE ROBINSON YOUTH CENTER

LOCATION:
1024 FULTON STREET
BROOKLYN, NEW YORK 11238

CLIENT:
NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
	10/09/2025	BID DOCUMENT & MTA 02

PROJECT NUMBER:	Q1953 – C
DESIGNED BY:	JP
DRAWN BY:	EA
FIELD CHECK:	SS
APPROVED:	JP

SHEET TITLE:
MECHANICAL EQUIPMENT SPECIFICATIONS

DRAWING NUMBER:
C–530

SHEET 43 OF 43

36x24 PLOT SHEET

P-P PERMIT

To plant or perform work on or near trees within city right of way.
Associated Tree Permit Work Order (P-W) must accompany this Permit at all times.

NYC Parks

Type of tree work permitted:			
	☐ REMOVE TREE # TREES _____	☐ **ON**-SITE PLANTING # TREES	☐ **OFF**-SITE PLANTING # TREES
	☐ PRUNING # TREES _____	☐ Excavate # TREES _____	☒ PROTECT # TREES 11
	☐ INSTALL TREE GUARD # TREES _____	☐ Other # TREES _____	☐ Transplant # TREES _____

APPLICATION NUMBER.
PERMIT NUMBER. 49012
PAGES ATTACHED 3

DATE VALID 12/03/2025
PROJECT / DOB BIS NO.
PERMIT APPROVED BY Alexis Guillermo
BOROUGH FORESTRY MANAGER / SENIOR FORESTER

DATE EXPIRES 06/03/2026

PARKS SEAL

THIS PERMIT IS ISSUED TO:

NAME	James M. Patterson	TELEPHONE NO.	212-710-1223
MAILING ADDRESS	49 West 27th St	FAX NO.	
CITY, STATE, ZIP	New York, NY 10001	EMAIL	mericis.montalvo@metopolisny.com

TO PLANT AND / OR PERFORM WORK ON OR NEAR STREET / PARK TREES BY:

TREE WORK ENTITY NAME	Metropolis Group Inc	TELEPHONE NO.	212-710-1223
TREE WORK ENTITY ADDRESS	120 Broadway, Suite 2775	CITY, STATE, ZIP	New York, NY 10001

WORK LOCATION:

STREET ADDRESS	1024 Fulton St	BOROUGH	Brooklyn
CROSS STREETS	Classon Ave & Grand Ave	PROJECT NAME	1024 FULTON STREET OGS DEM

DEPARTMENT OF BUILDINGS BIS NUMBER (N/A if applicable)

REQUIREMENTS OF THIS PERMIT:

- **Time frame.** This Permit is valid for the time period specified above. Trees can only be planted between March 1st and May 15st or October 1st and December 15st . If the Permittee misses the time frame, they must reapply. This Permit may be revoked at any time.
- **Notification.** The relevant forestry office must be notified at least 24 hours prior to the start of tree work (see phone numbers below).
- **Proof of permission.** The original Permit (P-P) and attached Tree Permit Work Order (P-W) must be present on site when the permitted work is being performed—no copies are accepted.
- **Standards.** Work under this Permit—described on the attached Tree Permit Work Order(s)—must be done in accordance with Parks Department Standards, which are summarized on the reverse page. Complete Parks Standards are available from the forestry offices. It is the responsibility of the Permittee to read and understand the complete description of Parks Standards.
- **Parks reserves the right to deny a Permit to any contractor or entity in poor standing with the Agency.** In order to stay in good standing our standards must be followed or the landscaping company (tree work entity) will be denied any Agency permits for a period of 12 months.
- **Planting Guarantee.** Applicants for tree planting permits are responsible for the trees for a 2 year guarantee period if no tree work entity information is given. Parks inspects after 2 years and all trees must be in excellent condition at this time. If trees are not in excellent condition you will be required to make corrections according to a punch list.
- **Liability.** All tree work shall be performed without cost to Parks. The holder of this Permit agrees to hold the City of New York and the Department of Parks free from all liability for damage to persons or property, however caused, through the exercise of this Permit.
- **Restitution.** Any tree work improperly performed or otherwise not in accordance with Parks Standards and Specifications will be subject to restitution and penalty at the direction of the Department of Parks and at the expense of all legally responsible parties.
- **Final inspection.** A final planting inspection must be scheduled with a Parks forester after the tree(s) have been planted, staked, and mulched and the tree pit(s) have been finished using granite pavers, if necessary. Once planting is complete, fax or mail a copy of your permit to Central Forestry with a letter requesting a final inspection. A Parks forester will visit the site within three (3) weeks to ensure that all planting work was completed to Parks' satisfaction.
- **Guarantee period.** All newly planted trees must be guaranteed by the Permittee for two (2) years after planting. If a tree dies during this period, the Permittee is responsible for replacing the tree.

If you have applied to plant one or more trees and you have not been permitted to plant all of them, please review below:

Due to zoning regulations, _____tree(s) must still be planted. You are required to reapply for an offsite tree planting permit or submit a PF-1 tree fund application to cover the balance of required trees. Parks will issue you an off-site permit within 30 days of receipt of a valid application.

Tree planting was DENIED because one or more of the following obstructions were found upon inspection according to New York City Parks planting standards:

☐ Water valve/Hydrant ☐ Gas valve ☐ Electric line ☐ Light/Utility Pole ☐ Driveway/Narrow sidewalk ☐ Offsites Provided
☐ Neighbor/Existing tree ☐ Bus stop ☐ Subway/Vault ☐ Building entrance ☐ Stop sign / intersection ☐ Request Offsites or Treefund

Other _____

FORESTRY OFFICES: **BRONX** (718) 430-1877 **BROOKLYN** (718) 965-7750 **MANHATTAN** (212) 860-1845
QUEENS (718) 393-7373 **STATEN ISLAND** (718) 816-5180 **CENTRAL** (212) 360-TREE (8733)

NYC DEPARTMENT OF PARKS & RECREATION – SUMMARY OF TREE WORK STANDARDS*

1. **PRUNE**
   The Permittee shall prune trees in accordance with accepted arboricultural practices, to the satisfaction of Parks. Due to the Asian longhorned beetle (ALB) infestation, the contractor must be certified to work in the ALB quarantine zone and will be required to chip all debris generated in the course of tree removal as set forth in state and federal quarantine regulations. In order to reduce susceptibility to Dutch elm disease, all elm trees shall only be pruned between November 1st and March 31st, except if so directed by Parks. Where appropriate, the Permittee shall lower any branch using ropes that would otherwise injure the tree or other property when falling. Where there is restricted access, or where trees are taller than the working height of a bucket, it may be necessary for trees to be pruned using ropes and saddles. The use of hydraulic limb loppers or climbing spikes is prohibited. The Permittee shall be liable for any and all damage to trees, plants, and other growth, as well as real property and vehicles.

   As directed by the Borough Forestry Manager or the designated representative, pruning shall consist of the removal of dead, broken, damaged (storm- or otherwise), fungus- or insect-infected limbs; dead or decaying stubs; suckers; and all other undesirable growth. Any structurally weak, decayed trunk or branch, or split crotch or branch, shall be removed. The Permittee shall remove all crossed or rubbing branches where practicable so that the removal will not leave large holes in the general outline of the tree. Prune all branches six to twelve feet (6'-12') from buildings, or as directed by the Borough Forestry Manager. Excessive pruning is prohibited. All pruning shall be done to a lateral branch or branch attachment point where possible. All limbs one inch (1") in diameter (the size of a quarter) and over must be pre-cut to prevent splitting and / or bark rips. All cuts shall be made to the top of the branch collar so that healing can readily start under normal conditions. Do not leave stubs or make flush cuts. Injured areas where healing is not taking place properly may be bark traced in accordance with accepted arboricultural practices, if directed. Cuts that may prevent normal sap flow are not to be made. In lifting bottom branches of trees for under clearance, care should be given to the symmetrical appearance of the tree.

2. **EXCAVATE**
   Extreme care must be exercised in removing concrete or asphalt within the tree protection zone, and paving pieces must be lifted rather than dragged. Any excavation shall be done by hand, pneumatic excavation, or micro-tunneling. Trenching shall not occur within the tree protection zone. Roots over one inch (1") in diameter shall not be cut without the written permission of Parks, either inside or outside of the tree protection zone. The excavated area shall be backfilled immediately, or the roots shall be kept constantly moist with burlap covered with white plastic until backfill is complete, up to a maximum of forty-eight (48) hours. Burlap shall be checked a minimum of two (2) times a day, at least once in the morning and once in the afternoon. If directed, soaker hoses shall be installed to facilitate properly moist conditions of excavated areas. Planting beds that are installed within tree protection zones can only be done with the written permission of Parks and the presence of an Arborist. Other plants shall not be placed within three (3) feet of an existing tree trunk.

3. **MANAGE PESTS**
   Pesticide applications shall be done only for the control of specific diseases or insects, with the proper materials in the necessary strength, and applied at the proper time to obtain the desired control. All spraying practices shall conform to State and Federal regulations. A professional possessing the State pesticide applicator license must perform the application. The Department of Environmental Conservation (DEC) can provide the most up-to-date guidelines and requirements on pesticide application, storage, and disposal. Suitable precautions shall be taken to warn the public that spraying is being done and to protect them.

4. **INSTALL DECORATIONS**
   Decorations may only be affixed between November and February, and they must be removed by the beginning of March. In addition, they must not be attached by drilling or hammering into the bark.

5. **PROTECT / WORK ADJACENT TO**
   To protect trees during construction, all work must follow Parks provisions for tree protection. This includes guidelines for soil protection, erosion control, overhead clearance, excavation and trenching, irrigation, and water runoff. In addition, the following tree protective barriers must be implemented: a twelve-inch (12") layer of mulch covered by interlocking high-density polyethylene mats under the tree canopy, tree guards with tree trunk wraps, fencing along the perimeter of tree protection zones, and signage clearly indicating protected areas. No encroachment of the designated tree protection zones shall occur without the written permission of Parks, and without the on-site presence of a Parks representative or an approved arborist. If encroachment is permitted, preventative measures must be employed to minimize damage. At the completion of the construction project and in response to field conditions, several site restoration / mitigation measures may be required by the contractor as specified in the tree protection plan or by Parks directly. These measures shall be assumed at the expense of the Permittee and shall not be done without the approval of Parks.

6. **PLANT**
   Parks expects the Permittee to propose the largest pits possible appropriate to the sites, and Parks has the right to increase the size of the pits. The permitted work consists of excavating all tree pits, planting, and maintaining new trees of the type and size designated on the approved list. Tree diameter shall be at least two and a half inches (2.5") measured at six inches (6") from the ground and no larger than three and a half inches (3.5") in diameter, unless otherwise authorized by Parks. They shall have normal, well developed branches and a fibrous root system. They shall be sound, healthy, vigorous trees, free from defects. No nylon burlap or rope shall be permitted around the root ball. No tree trunks shall be wrapped. All nursery tags and protective wrapping must be removed prior to planting. Crowns of young trees shall not be cut back to compensate for root loss. At the time of planting, the root collar shall not be buried and the soil around each tree shall be thoroughly saturated with at least twenty (20) gallons of water. A three-inch (3") bark mulch layer shall be applied as a ground cover to the surface of all planting beds at the time of planting, except directly around the root flare. The Permittee shall be liable for any damages to property due to planting operations, and all areas disturbed shall be restored to their original condition. All trees shall be guaranteed for 2 years. **The Parks Department no longer issues permits to plant Flowering Pear, Pyrus calleryana.** For a complete list of species restrictions, please visit the Parks Department website at www.nyc.gov/parks. Please refer to Parks' Tree Planting Standards for complete guidelines:
   http://www.nycgovparks.org/services/forestry.

7. **REMOVE STUMP**
   See Parks Standards for tree removal below.

8. **REMOVE TREE**
   All trees must be topped and limbed prior to felling. The Permittee must carefully protect against damage to all existing trees (including live roots), plants, curbs, sidewalks, utilities, and other features to remain. Stumps and all surface roots shall be removed or ground to a minimum depth of twenty four inches (24") below grade. During stump grinding operations, plywood must be used to protect adjacent vehicles, real property, and pedestrians. The excavated area must be filled only with topsoil backfill material that meets Parks specifications. The topsoil shall be firmly tamped every six inches (6") in the backfill process and mounded to no more than three inches (3") above the existing grade to account for further setting. All paved areas, parking areas, lawns, and sidewalks that have been disturbed by tree removal must be cleared of fallen branches and restored to original condition. Due to the Asian longhorned beetle (ALB) infestation, the contractor must be certified to work in the ALB quarantine zone and will be required to chip all debris generated in the course of tree removal as set forth in State and Federal quarantine regulations.

9. **TRANSPLANT / RELOCATE**
   Unless otherwise specified, all materials, workmanship, and requirements shall conform with applicable provisions of Parks' Street Tree Planting Guidelines (see Planting Specifications, above). No transplanting shall be done except in the presence of the Borough Forestry Manager or a representative. The Permittee shall transplant trees only up to four-inch (4") caliper unless otherwise directed by Parks. All precautions customary in good trade practice shall be taken in preparing plants for moving, and workmanship that fails to meet the highest standards will be rejected. All plants shall be dug immediately before moving unless otherwise directed. All plants shall be dug to retain as many fibrous roots as possible. Plants shall be balled and burlapped, having a solid ball of earth of minimum specified size according to the most recent American Association of Nurserymen Standards and securely held in place by burlap and sisal twine. All rejected material shall be immediately removed from the site and replaced with acceptable material at no additional cost to Parks.

10. **OTHER**
    All other work on or around City tree(s) must be done in accordance with Parks Department Standards, including, but not limited to, air-spading, injecting pressurized water, applying anti-transpirants, mulching / vertical mulching / radial trenching, fertilizing, modifying soil, implanting / micro-injecting, tree cabling / bracing, affixing tree guards / lightning protection rods, applying plant growth regulators, and investigating decay / root collar. The appropriate forestry office must be notified at least 24 hours prior to the start of tree work.

***For complete Tree Work Standards, refer to Parks website or the appropriate Forestry Office.**

P-W Tree Permit Work Order

To accompany any permit for tree planting or tree work

NYC Parks

PERMITTEE: THIS WORK ORDER IS INVALID WITHOUT AN ASSOCIATED TREE WORK PERMIT

FOR THE INSPECTOR: This work order must be prepared prior to issuing a permit. The Inspector's Report must be completed as soon as the permitted work is finished.

Type of tree work permitted:

☐ REMOVE: TREE QTY. ____ ☐ ON-SITE PLANTING: TREE QTY. ____ ☐ OFF-SITE PLANTING: TREE QTY. ____

☐ PRUNE: TREE QTY. ____ ☐ EXCAVATE: QTY. _____ ■ PROTECT: TREE QTY. 11 ☐ TRANSPLANT: TREE QTY. ___

☐ OTHER: _____ TREE/QTY. ____ ☐ EXISTING TREE: QTY. ____

PERMIT NUMBER : 49012 **DATE VALID:** 12/03/2025 **DATE EXPIRES:** 06/03/2026

SERVICE REQUEST NO.: _____ **PROJECT / DOB JOB NO.:** _____

INSPECTED BY: Alexis Guillermo **PAGE 1 OF** 1 **PAGES**

INSPECTION DATE: 11/21/2025 **WORK ORDER APPROVED BY:** Alexis Guillermo

Forester

PARKS SEAL

Please fill in the applicable blanks for each tree that requires work. Make sure that the description is clear and detailed enough that it can be completed easily by the tree work entity. Attach site diagrams if necessary. This completed work order must be attached to the Permittee's copy of the associated permit.

Review Planting Specifications: http://www.nycgovparks.org/sub_permits_and_applications/images_and_pdfs/TreePlantingStandards

Work Type Codes: Please refer to the accompanying Permit for a summary of Parks' Tree Work Standards.
1. prune; **2.** excavate; **3.** manage pests; **4.** install decorations; **5.** protect / work adjacent to; **6.** plant; **7.** remove stump; **8.** remove tree; **9.** transplant;
10. other (specify in description below)
Tree Condition Codes: E. excellent; **G.** good; **F.** fair; **P.** poor; **D.** dead; **S.** stump
Season Codes: Sp. Spring (March 1st – May 15th); **Sm**. Summer (May 1st –September 30th); **F.** Fall (October 1st – December 15th); **W.** Winter (January 1st- Feb 29th)

LOCATION: 1024 Fulton St (1-3F, 1-8S)			WORK TYPE: 5	TREE CONDITION: F	SEASON: W
DESCRIPTION OF WORK NEEDED BELOW:	SPECIES: Various	Caliper/ DBH: Various	WIRES: NA	PIT SIZE: NA	PAVERS: NA
No cutting of roots or pruning of the tree. Must follow parks standards and BMP's for tree protection, as outlined in #5 of the parks Tree Work Standards. Protect trees within the construction zone following NYC Parks tree protection protocols. Install temporary wooden tree guard around the tree within the construction zone to NYC Parks dept. specifications. As discussed in the plan and through email, in addition to the standard tree protection, install an engineered enclosure system along the side wall. Utilize an elevator shaft to serve as a debris chute when required. No stockpiling or material storage is allowed within the critical root zone.					
LOCATION:			WORK TYPE:	TREE CONDITION:	SEASON:
DESCRIPTION OF WORK NEEDED BELOW:	SPECIES:	Caliper / DBH:	WIRES:	PIT SIZE	PAVERS:
LOCATION:			WORK TYPE:	TREE CONDITION:	SEASON: F,
DESCRIPTION OF WORK NEEDED BELOW:	SPECIES:	Caliper/ DBH:	WIRES:	PIT SIZE:	PAVERS:
LOCATION:			WORK TYPE:	TREE CONDITION:	SEASON:
DESCRIPTION OF WORK NEEDED BELOW:	SPECIES:	Caliper/ DBH:	WIRES:	PIT SIZE:	PAVERS: