
A. "ACCESSORY USE OR ACCESSORY STRUCTURE": A USE OR STRUCTURE CUSTOMARILY INCIDENT TO THE PRINCIPAL USE OR BUILDING:

1. IN EVERY MULTIPLE DWELLING ERECTED AFTER APRIL EIGHTEENTH, NINETEEN HUNDRED TWENTY-NINE, ONE AT LEAST OF THE REQUIRED WINDOWS PROVIDED TO LIGHT D. THE YARD AND EVERY COURT OF THE DWELLING CONTAINING SUCH APARTMENT ARE ADEQUATELY DRAINED TO THE SATISFACTION OF THE DEPARTMENT.

2. IN EVERY MULTIPLE DWELLING ERECTED AFTER APRIL EIGHTEENTH, NINETEEN HUNDRED TWENTY-NINE, THE DEPARTMENT SHALL NOT REQUIRE ANY CHANGE OR MODIFICATION IN THE HEIGHT OR BULK OR IN THE AREA OF YARDS, COURTS AND PARTITIONS, FURRINGS OR CEILINGS.

3. FLOOR AREA RATIO (FAR)

A. BAKING AND FAT-BOILING AS PROVIDED IN SECTION FIFTY-NINE, \(1)\) AN OPEN AREA WITH A MINIMUM DEPTH OF SIXTY FEET, EXTENDING ACROSS THE ENTIRE LOT AND LINKING ABUTTING REAR YARDS, OR IF NO SUCH REAR YARDS EXIST, \(2)\) BE ERECTED IN VIOLATION OF THE ENCLOSURE ON ANY BALCONY OR A SPACE ABOVE A SETBACK SHALL NOT \(1)\) BE MORE THAN ONE STORY IN HEIGHT OR \(2)\) BE ERECTED IN VIOLATION OF FACTS OF SECTION THREE HUNDRED, THE DEPARTMENT SHALL NOT REQUIRE ANY CHANGE OR MODIFICATION IN THE HEIGHT OR BULK OR IN THE AREA OF YARDS, COURTS AND THE ENCLOSURE ON ANY BALCONY OR A SPACE ABOVE A SETBACK SHALL NOT \(1)\) BE MORE THAN ONE STORY IN HEIGHT OR \(2)\) BE ERECTED IN VIOLATION OF A. "ACCESSORY USE OR ACCESSORY STRUCTURE": A USE OR STRUCTURE CUSTOMARILY INCIDENT TO THE PRINCIPAL USE OR BUILDING:

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2. EXCEPT AS PROVIDED IN SECTIONS SIXTY-ONE AND SIXTY-SEVEN AND SUBDIVISION TWO OF THIS SECTION, A KITCHEN OR KITCHENETTE SHALL BE UNLAWFUL MAINTAINED BY THE OWNER OF SUCH MULTIPLE DWELLING, NOT MORE THAN THREE INCHES IN CIRCUMFERENCE, AS AN ORDINARY INCIDENT TO HIS TENANCY, PROVIDED THAT A

CLOSING GIVING ACCESS FROM SUCH STAIR, FIRE-STAIR OR FIRE-TOWER TO SUCH TERRACE. SUCH DOOR SHALL HAVE A PANEL AT LEAST FIVE SQUARE FEET IN AREA MOVABLE BOLTS, HOOKS OR A LOCK WHICH DOES NOT REQUIRE A KEY TO OPEN FROM INSIDE THE DWELLING.

6. SIDE YARD.

7. WHERE BUSINESS IS CONDUCTED IN ANY NON-FIREPROOF MULTIPLE DWELLING ERECTED AFTER APRIL EIGHTEENTH, NINETEEN HUNDRED TWENTY-NINE, THE WALLS AND IN NO EVENT LESS THAN THREE HUNDRED FIFTY SQUARE FEET IN AREA. THE AREA OF SUCH COURT NEED NOT EXCEED ONE THOUSAND TWO HUNDRED SQUAREFEET CLOSING GIVING ACCESS FROM SUCH STAIR, FIRE-STAIR OR FIRE-TOWER TO SUCH TERRACE. SUCH DOOR SHALL HAVE A PANEL AT LEAST FIVE SQUARE FEET IN AREA MOVABLE BOLTS, HOOKS OR A LOCK WHICH DOES NOT REQUIRE A KEY TO OPEN FROM INSIDE THE DWELLING.

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2. IN EVERY MULTIPLE DWELLING ERECTED AFTER APRIL EIGHTEENTH, NINETEEN HUNDRED TWENTY-NINE, THE DEPARTMENT SHALL NOT REQUIRE ANY CHANGE OR MODIFICATION IN THE HEIGHT OR BULK OR IN THE AREA OF YARDS, COURTS AND
A. EVERY APARTMENT USED FOR SINGLE ROOM OCCUPANCY SHALL HAVE AT LEAST ONE BATH OR SHOWER, ONE WASH-BASIN AND ONE WATER-CLOSET FOR EACH

B. THERE SHALL BE ACCESS TO EACH REQUIRED WATER-CLOSET AND BATHROOM WITHOUT PASSING THROUGH ANY SLEEPING ROOM, EXCEPT THAT ANY WATER-

C. NO WATER-CLOSET SHALL OPEN DIRECTLY INTO ANY KITCHEN OR KITCHENETTE IN A MULTIPLE DWELLING ERECTED AFTER APRIL EIGHTEENTH, NINETEEN

D. EVERY WATER-CLOSET COMPARTMENT SHALL BE AT LEAST TWO FEET FOUR INCHES IN CLEAR WIDTH AND, EXCEPT IN A GENERAL TOILET OR BATHROOM, SHALL

5. ALL APPLIANCES IN USE AFTER JUNE THIRTIETH, NINETEEN FIFTY-FIVE, SHALL CONFORM TO THE PROVISIONS OF SUBDIVISIONS THREE AND FOUR OF

WHERE NO STREET STORM-WATER MAIN OR COMBINED SEWER AND STREET STORM-WATER MAIN EXISTS, THE DEPARTMENT MAY PERMIT THE STORM WATER

LIVING UNIT IN SUCH MULTIPLE DWELLING WITH APPROVED AND OPERATIONAL SMOKE DETECTING DEVICES IN CONFORMITY WITH THE STATE FIRE PREVENTION

3. THE DEPARTMENT SHALL HAVE THE POWER TO MAKE SUPPLEMENTARY REGULATIONS RELATING TO BOILER OR FURNACE ROOMS.

THE DEPARTMENT MAY ORDER OR

IN ADDITION TO INITIALLY PROVIDING AND INSTALLING THE SMOKE DETECTING DEVICES, THE OWNER SHALL:

HOURS BETWEEN SIX O'CLOCK IN THE MORNING AND TEN O'CLOCK IN THE EVENING, WHENEVER THE OUTDOOR TEMPERATURE FALLS BELOW FIFTY-FIVE DEGREES

DEGREES FAHRENHEIT DURING THE HOURS BETWEEN TEN O'CLOCK IN THE EVENING AND SIX O'CLOCK IN THE MORNING, WHENEVER THE OUTDOOR TEMPERATURE

THE HEATING SYSTEM IN DWELLINGS

2. THE PROVISIONS OF SUBDIVISION ONE SHALL NOT APPLY TO ANY DWELLING(A) WHICH IS LOCATED IN A RESORT COMMUNITY AND IS RENTED OR OCCUPIED ON A SEASONAL BASIS BETWEEN APRIL FIFTEENTH AND OCTOBER FOURTEENTH

INSTALLED PURSUANT TO THIS SECTION IN GOOD REPAIR AND REPLACE ANY SUCH DEVICE WHICH BECOMES INOPERABLE DURING HIS OCCUPANCY.

NO WATER-CLOSET SHALL BE INSTALLED, KEPT OR MAINTAINED IN ANY YARD, COURT OR OTHER OPEN SPACE, AND EVERY WATER-CLOSET OR OTHER

RECEPTACLE TO RECEIVE FECAL MATTER, URINE OR SEWERAGE, LOCATED IN ANY SUCH YARD, COURT OR OTHER OPEN SPACE, SHALL BE COMPLETELY REMOVED,

6. EVERY DWELLING ERECTED AFTER JANUARY FIRST, NINETEEN FORTY-SEVEN, SHALL BE SO CONSTRUCTED AS TO BE RAT-PROOF. THE AGENCY OF A

C. THERE SHALL BE ON EACH STORY OF SUCH FIREPROOF DWELLING, IN ADDITION TO THE WATER-CLOSET ACCOMMODATIONS REQUIRED IN PARAGRAPH N OF

COMPARTMENT THROUGH A PUBLIC HALL. IF TWO OR MORE SUCH COMPARTMENTS BE REQUIRED ON ANY STORY BY THE PROVISIONS OF THIS PARAGRAPH, THEY

TOILET ROOM DAILY FROM SEVEN O'CLOCK IN THE MORNING UNTIL SEVEN O'CLOCK AT NIGHT IN ANY BUSINESS PARTS OF SUCH DWELLING AND FROM SIX O'CLOCK

1. THE OWNER SHALL KEEP ALL AND EVERY PART OF A MULTIPLE DWELLING, THE LOT ON WHICH IT IS SITUATED, AND THE ROOFS, YARDS, COURTS, PASSAGES,

4. IN ADDITION TO INITIALLY PROVIDING AND INSTALLING THE SMOKE DETECTING DEVICES, THE OWNER SHALL:

4. IN ADDITION TO INITIALLY PROVIDING AND INSTALLING THE SMOKE DETECTING DEVICES, THE OWNER SHALL:

5. ANY TENANT SHALL BE PUNISHABLE AS PROVIDED IN SECTION THREE HUNDRED FOUR FOR THE EXISTENCE OF CONDITIONS IN VIOLATION OF THE PROVISIONS

E. EVERY APARTMENT USED FOR SINGLE ROOM OCCUPANCY SHALL BE IN CONFORMITY WITH THE REQUIREMENTS OF SECTION TWO HUNDRED FORTY-EIGHT.
### Zoning Analysis

#### Section 1

<table>
<thead>
<tr>
<th>Description</th>
<th>Height (Ft)</th>
<th>Width (Ft)</th>
<th>Compliance</th>
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</thead>
<tbody>
<tr>
<td><strong>MAXIMUM HEIGHT OF FRONT WALL AT STREET LINE</strong></td>
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<tr>
<td><strong>BICYCLE PARKING</strong></td>
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<tr>
<td><strong>REQUIRED ACCESSORY OFF-STREET LOADING BERTHES</strong></td>
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<td><strong>CURB CUT RESTRICTIONS</strong></td>
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<tr>
<td><strong>ENCROACHMENT LIMITATIONS BY LENGTH AND HEIGHT RULES</strong></td>
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<tr>
<td><strong>STREET TREES</strong></td>
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<tr>
<td><strong>COMPLIANCE; REFER TO Z-004-Z-006</strong></td>
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<tr>
<td><strong>GENERAL NOTE; REFER TO 3/Z-001</strong></td>
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</table>

#### Encroachments and Compensating recesses

- **District Whose Regulations Apply**
- **Light and Air Provisions**
- **Exceptions Districts**
- **Complies; No Change to Existing Non-Permitted Off-Street Parking**
- **Open Space Equivalent**
- **Complies; Decrease to Existing Non-Permitted Off-Street Parking**

#### Section 2

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<td><strong>Level 42</strong></td>
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</table>

**Notes:**
- **Building Sections:**
  - **Level 1:** 1,212 LF
  - **Level 2:** 1,659 LF
  - **Level 3:** 1,653 LF
  - **Level 4:** 826 LF

**Additional Notes:**
- **Maximum FAR in a C5-3 & C6-6 District:** 15.00
- **Compliance:**
- **Max Req'd Limit = 50% Gross Roof Area**
- **Floor Area:** 0B R T H 2B R T H 2B R T H
- **BERTHS Req'd for Residential Use:** 0 BRTH 0 BRTH 0 BRTH
- **Max Req'd Limit = 50% Gross Roof Area**
- **Residential Conversion Floor Area > 20% Building Floor Area**
- **No Rear Yard Regulations Shall Apply to C5 and C6 Districts**
- **Min Number of Required Spaces for Existing Commercial:** 0 SPCS 0 SPCS 0 SPCS
- **38 FLOORS**
- **56.75'**
- **66.00'**
- **59.75' 58.09'**

**Street Trees Required Per Section:**
- **Offsite:** Refer to ST-1.

**Lighting and Air Provisions:**
- **District Whose Regulations Apply**
- **Except as Modified by the Express Provisions of This Chapter**
- **No Rear Yard Regulations Shall Apply to C5 and C6 Districts**
- **Min Number of Required Spaces for Existing Commercial:** 0 SPCS 0 SPCS 0 SPCS

**Setback Provisions:**
- **General Setback Provisions**
- **Floor Area:** 0B R T H 2B R T H 2B R T H
- **BERTHS Req'd for Residential Use:** 0 BRTH 0 BRTH 0 BRTH
- **Min Number of Required Spaces for Existing Commercial:** 0 SPCS 0 SPCS 0 SPCS

**Curtain Wall Consultant:**
- **MEPF & SITE CIVIL ENGINEER**
- **WPM Engineering, P.C.**

**Vertical Transportation:**
- **AT LEAST 30% OF THE GROSS ROOF AREA OF A BUILDING CONTAINING SHALL BE MADE ACCESSIBLE TO ALL OCCUPANTS. FOR EACH ADDITIONAL DWELLING 100 SF OF ROOF AREA SHALL BE ADDED UP TO A MAXIMUM OF 50% OF THE GROSS ROOF AREA.**

**Street Trees Required Per Section:**
- **Offsite:** Refer to ST-1.
The text on the page appears to be a floor plan for a building, with various dimensions and notes related to the roofing area and recreational space requirements. The plan indicates that the roof area must meet certain standards for open space equivalent, which is calculated based on the number of dwelling units and gross roof area. The text also mentions compliance and notes on various aspects of the building's design and engineering, including setback lines, zoning lot lines, and structural engineering details. The diagram includes labels for streets such as Park Avenue and East 50th Street, and various sections for public and residential areas.
BDDF-8.1 6 BIKE DOUBLE DECKER FRAMEWORK: 2-TIER BIKE RACK FOR 8 BIKES

ORDERING INFORMATION

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<tr>
<th>MODEL NO.</th>
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<th>CAPACITY</th>
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<td>BDDF-8.1</td>
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PROPOSED BICYCLE PARKING FOR RESIDENTIAL CONVERSION

2-TIER RACKS; 188 SPACES PROVIDED

CLR 5' - 6" RACK PER TIER

EXISTING AREA NOT IN CONTRACT

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VERTICAL TRANSPORTATION

OWNER

ARCHITECT

Skidmore, Owings & Merrill LLP

STRUCTURAL ENGINEER

MEPF & SITE CIVIL ENGINEER

CODE CONSULTING

LOGISTICS CONSULTANT

TRAFFIC, PARKING, AND BIKE STORAGE

PHILIP HABIB & ASSOCIATES

EXTERIOR WALL CONSULTANT

WPM ENGINEERING, P.C.

SECURITY CONSULTANT

KROLL INC.

LERCH BATES INC.

CODE CONSULTANTS, INC.

SILMAN

安邦集团

LOADING BERTHS, PARKING, AND BIKE STORAGE

WALDORF ASTORIA

301 Park Ave.
New York, NY 10022

Z-007.00
### LEVEL 2 - EXISTING & PROPOSED FLOOR AREA

<table>
<thead>
<tr>
<th>AREA NAME</th>
<th>FLOOR AREA</th>
<th>AREA TAG</th>
<th>EXISTING FLOOR AREA</th>
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<th>PROPOSED REMOVAL</th>
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### LEVEL 3 - EXISTING & PROPOSED FLOOR AREA

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<th>EXISTING FLOOR AREA</th>
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LEVEL 20 - PROPOSED FLOOR AREA

LEVEL 20 - EXISTING FLOOR AREA
Page 5 of 137

APPROVED
Under Directive 2 of 1975
Date: 07/14/2017
Azmi Zahed-Atkins, RA

BUILDING CODE OF THE CITY OF NEW YORK
CONSTRUCTION CLASSIFICATION
DESIGNATIONS FROM TABLE 3-4
FIRE RESISTIVE REQUIREMENTS: CLASS 1-A

BUILDING ELEMENT

301 Park Ave.
New York, NY 10022

EXTERIOR NON-BEARING WALLS
SEPARATION BETWEEN 15'-0" AND 30'-0" 1 1/2 HRS

OWNER
STAIRS, EXIT PASSAGES, HOISTWAYS, SHAFTS 2 HRS

COLUMNS, GIRDERS, TRUSSES
SUPPORTING ONE FLOOR 3 HRS
SUPPORTING MORE THAN ONE FLOOR 4 HRS

FLOOR CONSTRUCTION 3 HRS

DESIGNATIONS FOR BUILDING: MIXED OCCUPANCY
CLASSIFICATIONS IN BUILDING:

ANBANG GROUP

C MERCANTILE

STRUCTURAL ENGINEER
SPACES ARE FULLY SPRINKLERED IN ACCORDANCE WITH
SECT. 27-954,
CLASS 1-A CONSTRUCTION: NO LIMIT FOR HT. AND AREA
MEPF & SITE CIVIL ENGINEER

TOTAL OCCUPANT CAPACITY: 120

FIRE SEPARATION FIRE DIVISION
DOOR WIDTH:
144" =
B-2 D-2 NR** 2-HRB-2 F-1 NR** 2-HRB-2 F-4 NR** 2-HRB-2 J-1 NR** 2-HR

REQUIRED RATING
ADJACENT
DOOR CAPACITY:
6.5 x
4 UNITS

VERTICAL TRANSPORTATION
OCCUPANCY
C D-2 NR** 2-HR

STAIR WIDTH:
88" =
4 UNITS

STAIR CAPACITY:
30 PEOPLE / UNIT
= 120 PEOPLE

J-1, J-2 50'
F-4 NR** 2-HR
B-2 75'C, D-2, E 100'
J-1, J-2 80'
F-4 60'

MINIMUM CORRIDOR WIDTH FOR OCCUPANCIES:
B-2, C, J-1, J-2 36"D-2, E, F-4 44"
MAXIMUM DEAD END LENGTH FOR OCCUPANCIES:
F-4 60'J-1, J-2 80'

EXIT ENCLOSURE REQUIREMENTS
ALL DOORS IN EXIT ENCLOSURE SHALL BE 1 1/2 HOUR FIRE
STAIR RISERS AND TREADS: (TABLE 6-4 & SECT. 27-375(e)):
MAXIMUM RISER 7 3/4"
MINIMUM TREAD 9 1/2" PLUS NOSING
NOTE: THE SUM OF 2 RISERS AND 1 TREAD MUST BE
BETWEEN 24" AND 25.5" (SECT. 27-375 (e))

MINIMUM NUMBER OF FIXTURES (SECTION 403.1):
OCCUPANCY AND IN THE MINIMUM NUMBER SHOWN IN TABLE
SHALL BE CONSIDERED INDIVIDUALLY BY THE COMMISSIONER.THE NUMBER OF OCCUPANTS AND OCCUPANCY
NO CHANGE TO EXISTING
SERVICE SINK

FIRE SERVICE ACCESS ELEVATOR (SECTION 3007):
FIRE SERVICE ACCESS ELEVATOR LOBBY
ELEVATORS R-SE1 AND R-SE2 TO OPEN ONTO A CORRIDOR
OF 1 HOUR. ALL DOORS OPENING ONTO SUCH CORRIDOR
TO BE SMOKE AND DRAFT CONTROLLED DOORS.

NOTE:
EXISTING HOTEL OCCUPANCY
NO CHANGE TO EXISTING

MAXIMUM TRAVEL DISTANCE LISTED FOR SPRINKLERED
TOTAL OCCUPANT CAPACITY: 75
DOOR WIDTH:
72" =
30 PEOPLE / UNIT
SUBSTITUTION FOR WATER CLOSETS (419.2):
URINALS SHALL NOT BE SUBSTITUTED FOR MORE THAN
50% OF THE REQUIRED WATER CLOSETS

FSAE NOTES
FIRE SERVICE ACCESS ELEVATOR (SECTION 3007):
FIRE SERVICE ACCESS ELEVATOR LOBBY
ELEVATORS R-SE1 AND R-SE2 TO OPEN ONTO A CORRIDOR
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NO CHANGE TO EXISTING

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NOTE:
EXISTING HOTEL OCCUPANCY
NO CHANGE TO EXISTING

SERVICE SINK
APPROVED
Under Directive 2 of 1975
Date:
Azmi Zahed-Atkins, RA
07/14/2017
### Building Code of the City of New York

#### Construction Classification
- **Floor Construction**: 3 HRS
- **Above Floor Below**: NR
- **Separation Between 15'-0" and 30'-0"**: 1 1/2 HRS
- **Separation Equal or Greater Than 30'-0"**: 0 HRS
- **Supporting One Floor**: 3 HRS
- **Supporting More Than One Floor**: 4 HRS

#### Owner

- **Anbong Group**

#### Occupancy Classifications

<table>
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<th>Designations for Building: Mixed Occupancy</th>
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<tbody>
<tr>
<td>B-2, C, J-1, J-2 36&quot;</td>
</tr>
<tr>
<td>D-2, E, F-4 44&quot;</td>
</tr>
</tbody>
</table>

#### Occupancy

- **C - Mercantile**: 1.5 UNITS
- **D-2 Industrial (Mech. Spaces)**: 1.5 UNITS
- **40 People/Unit**: 60 People
- **44 People/Unit**: 1.5 UNITS
- **30 People/Unit**: 2 UNITS
- **DOOR WIDTH**: 1.5 UNITS
- **DOOR CAPACITY**: 1.5 UNITS
- **STAIR CAPACITY**: 1.5 UNITS
- **TOTAL OCCUPANT CAPACITY**: 60

#### Structural Engineer

- **MEPF & SITE CIVIL ENGINEER**
- **DOOR WIDTH**: 30 PEOPLE/UNIT
- **STAIR CAPACITY**: 150 PEOPLE
- **TOTAL OCCUPANT CAPACITY**: 75

#### Security Consultant

- **Kroll Inc.**
- **DOOR CAPACITY**: 200 PEOPLE
- **STAIR CAPACITY**: 120 PEOPLE
- **TOTAL OCCUPANT CAPACITY**: 75 PEOPLE

#### Exterior Wall Consultant

- **349 SF**
- **1,220 SF**

#### Exit and Corridor

- **STAIR CAPACITY**: 8080
- **GROUP J-2 (R-2)**
- **EXIT ENCLOSEMENT REQUIREMENTS**
- **PLUMBING FACILITIES**
- **PLUMBING FIXTURES**

#### Egress Notes

- **EXIT SIGN W/ EGRESS DIRECTION**
- **EGRESS PATH**
- **1/2 FIRE RATED CONSTRUCTION**
- **2 HR FIRE RATED CONSTRUCTION**
- **ELEVATORS R-SE1 AND R-SE2 TO OPEN ONTO A CORRIDOR**

#### Code Consulting

- **Exterior Wall Consultant**
- **Security Consultant**
- **Code Consulting**

#### Building Separation

- **SEPARATION BETWEEN 15'-0" AND 30'-0"**: 1 1/2 HRS
- **SEPARATION EQ. OR GREATER THAN 30'-0"**: 0 HRS

#### Exit Separation

- **EXIT ENCLOSURE REQUIREMENTS**
- **STAIR REQUIREMENTS**
- **DOOR REQUIREMENTS**

#### Building Code

- **2014 NYC PLUMBING CODE**
- **OFFICE**
- **OFFICE**
- **STORAGE**
- **CLOSET**
- **GROUP B-2 (S-2)**
- **GROUP D-2 (F-2)**
- **GROUP J-2 (R-2)**

#### Building Dimensions

- **301 Park Ave. New York, NY 10022**
## Building Code of the City of New York

**EXIT STAIR A**
- TOTAL OCCUPANT CAPACITY: 60
- STAIR WIDTH: 36"
- STAIR CAPACITY: 2 units × 30 people/unit = 60 people
- Door Width: 36"
- Door Capacity: 1.5 units × 40 people/unit = 60 people

**EXIT STAIR B**
- TOTAL OCCUPANT CAPACITY: 60
- STAIR WIDTH: 44"
- STAIR CAPACITY: 2 units × 30 people/unit = 60 people
- Door Width: 36"
- Door Capacity: 1.5 units × 40 people/unit = 60 people

**EXIT STAIR C**
- TOTAL OCCUPANT CAPACITY: 60
- STAIR WIDTH: 44"
- STAIR CAPACITY: 2 units × 30 people/unit = 60 people
- Door Width: 36"
- Door Capacity: 1.5 units × 40 people/unit = 60 people

**EXIT STAIR D**
- TOTAL OCCUPANT CAPACITY: 60
- STAIR WIDTH: 44"
- STAIR CAPACITY: 2 units × 30 people/unit = 60 people
- Door Width: 36"
- Door Capacity: 1.5 units × 40 people/unit = 60 people

### Separation Requirements
- Separation less than 15'-0" 2 HRS
- Separation between 15'-0" and 30'-0" 1 1/2 HRS
- Separation equal or greater than 30'-0" 0 HRS
<table>
<thead>
<tr>
<th>Exit Stair</th>
<th>Stair Capacity</th>
<th>Door Capacity</th>
<th>Door Width</th>
<th>Above Floor</th>
<th>Below Floor</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>36 2 80 75</td>
<td>44 2</td>
<td>1.5</td>
<td>75'C, D-2, E 100'</td>
<td>100100</td>
<td>3 HR</td>
</tr>
<tr>
<td>B</td>
<td>44 2 60 36</td>
<td>1.5 60</td>
<td>1.5 44</td>
<td>36</td>
<td>1.5</td>
<td>3 HR</td>
</tr>
<tr>
<td>C</td>
<td>30 2 60 36</td>
<td>1.5 60</td>
<td>1.5 44</td>
<td>36</td>
<td>1.5</td>
<td>3 HR</td>
</tr>
<tr>
<td>D</td>
<td>30 2 60 36</td>
<td>1.5 60</td>
<td>1.5 44</td>
<td>36</td>
<td>1.5</td>
<td>3 HR</td>
</tr>
<tr>
<td>E</td>
<td>55 2.5 75 44</td>
<td>2.5 75</td>
<td>1.5 44</td>
<td>36</td>
<td>1.5</td>
<td>2 HR</td>
</tr>
</tbody>
</table>

**Group B-2 (S-2)**
- 565 SF: 2-HR support, 55 SF: 36" limitation, max 2-1/2 units.
- 90 SF: 45 SF provided.

**Group D-2 (F-2)**
- 13 SF: 90 SF provided.
- 19 SF: 75 SF provided.

**Group J-2 (R-2)**
- 12 SF: 75 SF provided.
- 22 SF: 100 SF provided.
- 158 SF: 100 SF provided.
- 175 SF: 100 SF provided.

**Primary/Fire Safety**
- 1884 SF: 200 SF provided for Office.
- 175 SF: 100 SF provided for B-2 75'C, D-2, E 100'.

**Lighting Requirements**
- 10% of floor area for light fixtures.
- 2.5% of floor area for air distribution.

**Elevator Requirements**
- Office and Fire Safety Elevators.
- Fire Service Access Elevator (Section 3007).

**Plumbing Facilities**
- Up to 50% of the required drinking fountains may be substituted by dedicated plumbing fixtures with faucets designed for filling a container at least 10" in height.
CONSTRUCTION CLASSIFICATION

PROVIDED:

AIR REQ (2.5%):
12 SF
EXIT STAIR B
LIVING/KITCHEN

LIGHT REQ (10%):
13 SF
FLOOR CONSTRUCTION 3HRS
ROOF CONSTRUCTION 2 HRS

EXIT ROOF STAIR C
PROVIDED:

55 SF
1.5 UNITS
= 60 PEOPLE

STAIR  CAPACITY:
30 PEOPLE

MAXIMUM TRAVEL DISTANCE LISTED FOR SPRINKLERED

*SPACES ARE FULLY SPRINKLERED IN ACCORDANCE
*MAXIMUM TRAVEL DISTANCE LISTED FOR SPRINKLERED

*36" STAIRS LIMITED TO 30 PERSON OCCUPANCY. (SECT. 27-375 (b))

LEVEL 33 CODE ANALYSIS

LEVEL 34 - 36 CODE ANALYSIS
1. REFER TO G-002 FOR FINISH SCHEDULE
2. REFER TO G-003 FOR MOUNTING HEIGHTS
3. REFER TO A-801 AND A-802 FOR PARTITION TYPES
4. REFER TO A-812 FOR DOOR SCHEDULE
5. REFER TO A-813 FOR WINDOW SCHEDULE
6. REFER TO A-700 SERIES FOR KITCHEN PLANS AND ELEVATIONS
7. REFER TO A-720 SERIES FOR BATHROOM PLANS AND ELEVATIONS
8. ALL SPACES INDICATED AS STORAGE ARE GENERAL BUILDING STORAGE ROOMS
9. REFER TO A-701 FOR TYPICAL ENLARGED REFUSE ROOM PLAN

GENERAL NOTES
1. ALL SLAB PENETRATIONS FOR PIPES, CONDUITS, ETC (OUTSIDE OF RATED SHAFTS) ARE TO BE FIRESAFE WITH A 3 HOUR RATED SYSTEM. ALL MULTI PIPE PENETRATIONS TO HAVE A MULTI PIPE SYSTEM.
2. ALL PENETRATIONS THROUGH EXISTING AND NEW RATED WALL ASSEMBLIES TO HAVE A FIRESTOP ASSEMBLY SYSTEM TO MATCH THE RATING OF THE WALL.
3. SHADED AREAS ARE NOT IN CONTRACT (N.I.C.). REFER TO ALL DISCIPLINES FOR NIC HATCH RELATIVE TO EACH DISCIPLINES SCOPE OF WORK.
4. THE PRECISE NUMBER, SIZE, AND LOCATION OF ALL HOUSEKEEPINGPADS REQUIRED TO SUPPORT OR MAINTAIN MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION EQUIPMENT SHALL BE CONFIRMED WITH THE EQUIPMENT SUPPLIERS.
5. ALL STRUCTURAL MEMBERS TO BE FIRE-PROOFED IN ACCORDANCE WITH NOTES ON G-002.
1. REFER TO G-002 FOR FINISH SCHEDULE

2. REFER TO A-801 AND A-802 FOR PARTITION TYPES

3. REFER TO A-812 FOR DOOR SCHEDULE

4. REFER TO A-813 FOR WINDOW K4, K5, K6, K7, K8, K9, K10, K11, K12, K13, K14, K15, K16, K17, K18

5. REFER TO A-700 SERIES FOR KITCHEN PLANS AND ELEVATIONS

6. REFER TO A-701 SERIES FOR BATHROOM PLANS AND ELEVATIONS

7. REFER TO A-720 SERIES FOR BATHROOM PLANS AND ELEVATIONS

8. ALL SPACES INDICATED AS STORAGE ARE GENERAL BUILDING STOREROOMS

9. REFER TO A-701 FOR TYPICAL ENLARGED REFUSE ROOM PLAN

EXISTING AND NEW RATED WALL ASSEMBLIES TO HAVE A FIRESTOP ASSEMBLY SYSTEM TO MATCH THE RATING OF THE WALL.

CONDUITS, ETC (OUTSIDE OF RATED SHAFTS) ARE TO BE FIREPROOFED WITH A 3 HOUR RATED SYSTEM. ALL MULTIPIPE PENETRATIONS TO HAVE A MULTIPIPE SYSTEM.

EXISTING AND NEW RATED WALL ASSEMBLIES TO HAVE A FIRESTOP ASSEMBLY SYSTEM TO MATCH THE RATING OF THE WALL.

EXISTING AND NEW RATED WALL ASSEMBLIES TO HAVE A FIRESTOP ASSEMBLY SYSTEM TO MATCH THE RATING OF THE WALL.

TO BE PROVIDED VIA POWER VENTILATION.

COMPACTOR ROOM TO ENCLOSED BY A 3HR FIRE RESISTANCE RATING (WALLS, FLOOR, AND CEILING) CONSTRUCTED IN ACCORDANCE WITH BC 707.

TRASH CHUTE WALLS TO BE FIRE-PROOFED IN ACCORDANCE WITH NOTES ON G-002

TRASH CHUTE WALLS TO BE FIRE-PROOFED IN ACCORDANCE WITH NOTES ON G-002

IMPACT INSULATION CLASS OF 50 TO BE PROVIDED FOR COMPACTOR ROOM FLOOR AND CEILING CONSTRUCTION.

TERMINATION ROOM TO HAVE A 1 ½ HOUR FIRE RESISTANCE RATING AND SHALL BE PROVIDED WITH STC 50.

OPENINGS INTO THE TERMINATION ROOM TO HAVE A 1 ½ HOUR FIRE RESISTANCE RATING AND SHALL BE PROVIDED WITH STC 50.

IMPACT INSULATION CLASS OF 50 TO BE PROVIDED FOR COMPACTOR ROOM FLOOR AND CEILING CONSTRUCTION.

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1. REFER TO G-002 FOR FINISH SCHEDULE
2. REFER TO G-003 FOR MOUNTING HEIGHTS
3. REFER TO A-801 AND A-802 FOR PARTITION TYPES
4. REFER TO A-812 FOR DOOR SCHEDULE
5. REFER TO A-813 FOR WINDOW SCHEDULE
6. REFER TO A-700 SERIES FOR KITCHEN PLANS AND ELEVATIONS
7. REFER TO A-720 SERIES FOR BATHROOM PLANS AND ELEVATIONS
8. ALL SPACES INDICATED AS STORAGE ARE MATCHLINE SEE 1A-113
301 Park Ave.
New York, NY 10022

LEVEL 3 - PART PLAN

NO. DATE DESCRIPTION
1 27 MAR 2017 ISSUED TO DOB
2 20 JUN 2017 ISSUED TO DOB
36 OF 138

SCALE: 1/8" = 1'0"

LEVEL 3 - PART PLAN B

A-114.00
1. REFER TO G-002 FOR FINISH SCHEDULE
2. REFER TO G-003 FOR MOUNTING HEIGHTS
3. REFER TO A-801 AND A-802 FOR PARTITION TYPES
4. REFER TO A-812 FOR DOOR SCHEDULE
5. REFER TO A-813 FOR WINDOW SCHEDULE
6. ALL SPACES INDICATED AS STORAGE ARE MATCHLINE SEE #1A-115
7. REFER TO A-701 FOR TYPICAL ENLARGED PLANS AND ELEVATIONS
8. ALL SPACES INDICATED AS STORAGE ARE MATCHLINE SEE #1A-115
9. REFER TO A-701 FOR TYPICAL ENLARGED PLANS AND ELEVATIONS
10. REFER TO A-721 FOR REFUSE ROOM PLAN
11. REFER TO A-701 FOR TYPICAL ENLARGED PLANS AND ELEVATIONS
12. ALL PENETRATIONS THROUGH EXISTING SHEETS
13. SHADED AREAS ARE NOT IN CONTRACT
14. THE PRECISE NUMBER, SIZE, AND LOCATION OF ALL HOUSEKEEPING PADS REQUIRED TO SUPPORT OR MAINTAIN MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION EQUIPMENT SHALL BE CONFIRMED WITH THE EQUIPMENT SUPPLIERS
15. ALL STRUCTURAL MEMBERS TO BE FIRE-PROOFED IN ACCORDANCE WITH NOTES ON G-002
16. ALL SLAB PENETRATIONS FOR PIPES, CONDUITS, ETC (OUTSIDE OF RATED SHAFTS) ARE TO BE FIRE-SAFED WITH A 3HOUR RATED SYSTEM. ALL MULTI PIPE PENETRATIONS TO HAVE A MULTI PIPE SYSTEM
17. 1 TRASH CHUTE
18. 2 RECYCLABLE HOLDING AREA
19. 3 WASHING MACHINE AND DRYER
20. 4 SOFFIT ABOVE
21. 6 ACCESSIBLE DRINKING FOUNTAIN
22. 8' - 10" 16' - 7 1/2"
23. 9" 10' - 0" 3' - 9" 9' - 5"
24. 4" 7' - 1" 10' - 9"
25. 9" 10' - 0" 3' - 9" 9' - 5"
26. 4" 7' - 1" 10' - 9"
27. 9" 10' - 0" 3' - 9" 9' - 5"
28. 4" 7' - 1" 10' - 9"
29. 9" 10' - 0" 3' - 9" 9' - 5"
1. REFER TO G-002 FOR FINISH SCHEDULE
2. REFER TO G-003 FOR MOUNTING HEIGHTS
3. REFER TO A-801 AND A-802 FOR PARTITION TYPES
4. REFER TO A-812 FOR DOOR SCHEDULE
5. REFER TO A-813 FOR WINDOW SCHEDULE
6. REFER TO A-700 SERIES FOR KITCHEN PLANS AND ELEVATIONS K1, K2, K3 A1, A2, A3
9. REFER TO A-701 FOR TYPICAL ENLARGED REFUSE ROOM PLAN
10. 1. ALL SLAB PENETRATIONS FOR PIPES, CONDUITS, ETC (OUTSIDE OF RATED SHAFTS) ARE TO BE FIRESAFED WITH A 3HOUR RATED SYSTEM. ALL MULTI PIPE PENETRATIONS TO HAVE A MULTI PIPE SYSTEM.
2. ALL PENETRATIONS THROUGH EXISTING AND NEW RATED WALL ASSEMBLIES TO HAVE A FIRESTOP ASSEMBLY SYSTEM TO MATCH THE RATING OF THE WALL.
3. SHADED AREAS ARE NOT IN CONTRACT NIC HATCH RELATIVE TO EACH DISCIPLINES SCOPE OF WORK.
4. THE PRECISE NUMBER, SIZE, AND LOCATION OF ALL HOUSEKEEPING PADS REQUIRED TO SUPPORT OR MAINTAIN MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION EQUIPMENT SHALL BE CONFIRMED WITH THE EQUIPMENT SUPPLIERS.
5. ALL STRUCTURAL MEMBERS TO BE FIRE-PROOFED IN ACCORDANCE WITH NOTES ON G-002.
6. THE EXACT NUMBER, SIZE, AND LOCATION OF ALL WIND RAIN SCREENS SHALL BE CONFIRMED WITH THE CODE CONSULTANTS.
7. THE PRECISE NUMBER, SIZE, AND LOCATION OF ALL WIND RAIN SCREENS SHALL BE CONFIRMED WITH THE CODE CONSULTANTS.
8. THE PRECISE NUMBER, SIZE, AND LOCATION OF ALL WIND RAIN SCREENS SHALL BE CONFIRMED WITH THE CODE CONSULTANTS.
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5. REFER TO A-813 FOR WINDOW SCHEDULE
6. REFER TO A-700 SERIES FOR KITCHEN PLANS AND ELEVATIONS
7. REFER TO A-720 SERIES FOR BATHROOM PLANS AND ELEVATIONS
8. ALL SPACES INDICATED AS STORAGE ARE MATCHLINE SEE 1A-119
9. REFER TO A-701 FOR TYPICAL ENLARGED REFUSE ROOM PLAN

GENERAL NOTES

1. ALL SLAB PENETRATIONS FOR PIPES, CONDUITS, ETC (OUTSIDE OF RATED SHAFTS) ARE TO BE FIRESAFED WITH A 3HOUR RATED SYSTEM. ALL MULTI PIPE PENETRATIONS TO HAVE A MULTI PIPE SYSTEM.
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6. 1 TRASH CHUTE
7. 2 RECYCLABLE HOLDING AREA
8. 3 WASHING MACHINE AND DRYER
9. 4 SOFFIT ABOVE
10. 5 DRINKING FOUNTAIN
11. 6 ACCESSIBLE DRINKING FOUNTAIN

LEVEL 06 - PART PLAN B

LEVEL 6 - PART PLAN

SCALE: 1/8" = 1'-0"
1. REFER TO G-002 FOR FINISH SCHEDULE
2. REFER TO G-003 FOR MOUNTING HEIGHTS
3. REFER TO A-801 AND A-802 FOR PARTITION TYPES
4. REFER TO A-812 FOR DOOR SCHEDULE
5. REFER TO A-813 FOR WINDOW SCHEDULE
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5. ALL STRUCTURAL MEMBERS TO BE FIRE-PROOFED IN ACCORDANCE WITH NOTES ON G-002.

LEVELS 07 - 13
EXISTING HOTEL FLOOR
LEVEL 07 - PART PLAN A

KEYPLAN
SEAL
DRAWING TITLE
B-SCAN - DRAWING NUMBER
PAGE NUMBER
DATE: 07/14/2017
Issued To: DOB

APPROVED
Under Directive 2 of 1975
Azmi Zahed-Atkins, RA
07/14/2017

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STAIR C
BA07-002
STAIR A
BA07-003
R-SE1
R-PE1
R-PE2
R-PE3
MATCHLINE SEE 1 A-122
1 2 3 4 5 6 7 8 9 10 11 12 13 14
1. All slab penetrations for pipes, mechanical, electrical, plumbing, and fire protection equipment shall be confirmed with the equipment suppliers.

2. Refer to G-003 for mounting heights.

3. Refer to A-801 and A-802 for partition schedules.

4. Refer to A-812 for door schedules.

5. Refer to A-813 for window schedules.

6. The precise number, size, and location of all housekeeping pads required to support or maintain mechanical, electrical, plumbing, and fire protection equipment shall be confirmed with the equipment suppliers.

7. All structural members to be confirmed with the equipment suppliers.

8. All spaces indicated as storage are general building storage rooms.

9. Refer to A-701 for typical enlarged.

10. All spaces indicated as storage are general building storage rooms.

WALDORF ASTORIA

New York, NY 10022

ANBANG GROUP

Lerch Bates Inc.

Kroll Inc.

BA08-003

R05

LEVEL 8-12 - PART PLAN A

LEVEL 8-12 - PART PLAN A

SCALE: 1/8" = 1'-0"
**SHEET NOTES**

1. REFER TO G-003 FOR MOUNTING HEIGHTS
2. REFER TO A-801 AND A-802 FOR PARTITION TYPES
3. REFER TO A-812 AND A-813 FOR DOOR SCHEDULE K1, K2, K3
5. REFER TO A-720 SERIES FOR BATHROOM PLANS AND ELEVATIONS
6. ALL SPACES INDICATED AS STORAGE
7. REFER TO A-701 FOR TYPICAL ENLARGED REFUSE ROOM PLAN
8. REFER TO ALL CONTRACT (N.I.C.)
9. REFER TO A-701 FOR TYPICAL ENLARGED REFUSE ROOM PLAN
10. REFER TO G-002 FOR MOUNTING HEIGHTS

**GENERAL NOTES**

- 1HR RATED PARTITION
- 2HR RATED PARTITION
- 4HR RATED PARTITION
- SMOK RATING
- 5' - 10"
- 16' - 2"
- 15' - 6"
- 15' - 2 1/2"
- 16' - 0"
- 12' - 3"
- 13' - 1"
- 13' - 1"
- 1' - 6"
- 3' - 2"
- 4' - 5"
- 4' - 4"
- 4' - 4" 4' - 4"
- 4' - 4"
- 4' - 4"
- 9' - 11 1/2"
- 6' - 9"
- 4' - 10"
- 13' - 0"
- 8' - 5 1/2"
- 13' - 0"
- 1' - 5"
- 1' - 5 1/2"
- 1' - 4 1/2"
- 1' - 4 1/2"
- 1' - 10 1/2"
- 4' - 2"
- 12' - 11"
- 4' - 3"
- 1' - 5"
- 200' - 9 1/2"
- 2' - 3"
- 5' - 0"
- 3' - 3"
- 26' - 0 1/2"
- 402
- 1' - 6 1/2"
- 22' - 9 1/2"
- 5' - 3 1/2"
- 11' - 7 1/2"
- 13' - 2"
- 1' - 4 1/2"
- 1' - 4 1/2"
- 1' - 4 1/2"
- 1' - 10 1/2"
- 5' - 6"
- 9' - 11 1/2"
- BA189
- BA190
- BA193
- BA197
- BA201
- BA202
- BA204
- BA205
- BA207
- BA208
- BA209
- BA212
- BA213
- BA234
- BA249
- BA250
- BA198
- BA227
- Lerch Bates Inc.
- Skidmore, Owings & Merrill LLP
- Silman
- Van Deusen & Associates Stantec Inc.
- WPM Engineering, P.C.
- Philip Habib & Associates
- SOM

**LOGISTICS CONSULTANT**

- TRAFFIC, PARKING, AND LOADING

**SECURITY CONSULTANT**

- Vertical Transportation

**VERTICAL TRANSPORTATION**

- CODE CONSULTING

**GENERAL NOTES**

- ALL PENETRATIONS THROUGH EXISTING AND NEW RATED WALL ASSEMBLIES TO HAVE A FIRESTOP BE FIRE-PROOFED IN ACCORDANCE WITH NOTES ON G-002

**CONTRACT (N.I.C.)**

- REFER TO ALL CONTRACT (N.I.C.)

**OTHER**

- Architect: Skidmore, Owings & Merrill LLP
- Structural Engineer: BA249
- Traffic, Parking, and Loading: Van Deusen & Associates Stantec Inc.
- Vertical Transportation: BA250, BA227
- Code Consulting: BA213
- Logistics Consultant: Lerch Bates Inc.
- Security Consultant: Skidmore, Owings & Merrill LLP

**PAGE NUMBER**

- A-143.00

**DATE**

- 07/14/2017

**ISSUER TO DOB**

- 07/14/2017

**DRAWING TITLE**

- LEVEL 18 - PART PLAN A
Under Directive 2 of 1975
Date: 07/14/2017
Azmi Zahed-Atkins, RA
GENERAL NOTES

1. ALL SLAB PENETRATIONS FOR PIPES, CONDUITS, ETC (OUTSIDE OF RATED SHAFTS) ARE TO BE FIRESAFED WITH A 3HOUR RATED SYSTEM. ALL MULTI PIPE PENETRATIONS TO HAVE A MULTI PIPE SYSTEM.

MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION EQUIPMENT SHALL BE CONFIRMED WITH THE EQUIPMENT SUPPLIERS.
1. REFER TO G-002 FOR FINISH SCHEDULE
2. REFER TO G-003 FOR MOUNTING HEIGHTS
3. ENLARGEMENT NOT PART OF THIS APPLICATION
4. REFER TO A-812 FOR DOOR SCHEDULE
5. REFER TO A-813 FOR WINDOW SCHEDULE
6. REFER TO A-700 SERIES FOR KITCHEN BATHROOM TYPE
K1, K2, K3
A1, A2, A3
A4, A5, A6
A7, A8, A9
A10, A11, A12
A13, A14, A15
A16, B1, B2, B3

9. REFER TO A-701 FOR TYPICAL ENLARGED

61 SF
298 SF
118 SF
152 SF
125 SF
269 SF
1681 SF
302 SF
115 SF
32 SF

72 OF 137
1. REFER TO G-003 FOR MOUNTING HEIGHTS

2. REFER TO A-804 FOR CEILING DETAILS

1. ALL FIXTURES & DEVICES LOCATED WITHIN CEILING GRID TO BE CENTERED ON TILE U.N.O.

2. ALL DIMENSIONS ARE TO CENTERLINE OF FIXTURES U.N.O.

3. DEVICES AND LIGHT FIXTURES ARE NOT SHOWN IN ROOMS WITH EXPOSED STRUCTURE U.N.O. REFER TO MEP DRAWINGS

4. CEILING ELEVATION DIMENSIONED FROM FIN FLOOR U.N.O.

LEGEND

1. WALL MOUNTED EXIT SIGN
2. CEILING MOUNTED EXIT SIGN
3. SPRINKLER HEAD
4. OCCUPANCY SENSOR
5. DOWNLIGHT
6. RECESSED CAN
7. WALL MOUNTED FLUORESCENT FIXTURE
8. CEILING MOUNTED FLUORESCENT FIXTURE
9. FLOURESCENT STRIP FIXTURE
10. LIGHT SCONCE
11. PENDANT LIGHT
12. SIDEWALL SPRINKLER HEAD
13. SMOKE & CO DETECTOR

GENERAL NOTES

1. REFER TO G-003 FOR MOUNTING HEIGHTS
2. REFER TO A-804 FOR CEILING DETAILS
3. DEVICES AND LIGHT FIXTURES ARE NOT SHOWN IN ROOMS WITH EXPOSED STRUCTURE U.N.O. REFER TO MEP DRAWINGS
4. CEILING ELEVATION DIMENSIONED FROM FIN FLOOR U.N.O.

SCALE: 1/8" = 1'-0"
1. REFER TO G-003 FOR MOUNTING HEIGHTS
2. REFER TO A-804 FOR CEILING DETAILS

3. DEVICES AND LIGHT FIXTURES ARE NOT SHOWN IN ROOMS WITH EXPOSED STRUCTURE U.N.O. REFER TO MEP DRAWINGS

4. CEILING ELEVATION DIMENSIONED FROM FIN FLOOR U.N.O.

5. ALL KITCHENETTES TO HAVE EXHAUST STRUCTURAL ENGINEER

6. KEYED NOTES

7. 3 20 JUN 2017 ISSUED TO DOB

8. CEILING PLAN - PART PLAN A

9. SHEET NOTES

10. WAMF Engineering, P.C.

11. LOGISTICS CONSULTANT

12. TRAFFIC, PARKING, AND LOADING

13. ANBANG GROUP

14. POWDER ROOM

15. ROOM

16. TOILETROOM

17. LAUNDRY

18. BEDROOM #2

19. BEDROOM #3

20. BATHROOM #2

21. BATHROOM #3

22. KITCHENETTE

23. BATHROOM

24. KITCHEN

25. MASTER

26. FOYER

27. BEDROOM

28. WALK IN

29. LIVING / DINING

30. MASTER BEDROOM

31. WALK IN

32. LIVING ROOM

33. S"
LEVEL 14 REFLECTED CEILING PLAN - PART PLAN B

Under Directive 2 of 1975
Date: 07/14/2017

Scale: 1/8" = 1'-0"
LEVEL 18 REFLECTED CEILING PLAN - PART PLAN A

LEGEND

KEYED NOTES

OWNER
ARCHITECT
SOM

ANBANG GROUP

STRUCTURAL ENGINEER

MEPF & SITE CIVIL ENGINEER

CODE CONSULTING

LOGISTICS CONSULTANT

PHILIP HABIB & ASSOCIATES

EXTERIOR WALL CONSULTANT

WPM ENGINEERING, P.C.

SECURITY CONSULTANT

KROLL INC.

Lerch Bates Inc.

Code Consultants, Inc.

Van Deusen & Associates Stantec Inc.

Silman

LEVEL 18 REFLECTED CEILING PLAN - PART PLAN A

WALDORF ASTORIA

301 Park Ave.
New York, NY 10022

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

LEVEL 18 REFLECTED CEILING PLAN - PART PLAN A

DATE: 07/14/2017

APPROVED

Under Directive 2 of 1975

Azmi Zahed-Atkins, RA

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SHEET NOTES

GENERAL NOTES

1. REFER TO G-003 FOR MOUNTING HEIGHTS

2. REFER TO A-804 FOR CEILING DETAILS

1. ALL FIXTURES & DEVICES LOCATED WITHIN CEILING GRID TO BE CENTERED ON TILE U.N.O.

2. ALL DIMENSIONS ARE TO CENTERLINE OF FIXTURES U.N.O.

3. DEVICES AND LIGHT FIXTURES ARE NOT SHOWN IN ROOMS WITH EXPOSED STRUCTURE U.N.O. REFER TO MEPDRAWINGS

4. CEILING ELEVATION DIMENSIONED FROM FIN FLOOR U.N.O.

5. ALL KITCHENETTES TO HAVE EXHAUST GRILLE, TYPICAL

KITCHEN HOOD

1. 1'-0" DROPPED SOFFIT PROVIDED

211' - 1" 1' - 4" 173' - 10" 17' - 2" 16' - 2" 13' - 1 1/2" 14' - 4" 12' - 0" 12' - 1" 8' - 10" 11' - 6" 12' - 7" 7' - 8" 13' - 2" 13' - 2" 13' - 2" 13' - 2" 13' - 2" 13' - 2" 13' - 2" 13' - 2" 13' - 2" 13' - 2" 13' - 2" 13' - 2" 13' - 2" 13' - 2"
LEVEL 20 REFLECTED CEILING PLAN - PART PLAN A
Level 20 Reflected Ceiling Plan - Part Plan B

- Level 1: Living / Dining / Kitchen
- Level 2: Foyer, Living Room, Powder Room, Master Bathroom, Bedroom #2
- Level 3: Master Bedroom, Master Bathroom #2, Bathroom #3, Bedroom #3, Laundry, Kitchen, Powder Room

Notes:
- All dimensions are to centerline.
- Fixtures & devices located within ceiling grid to be centered.
- 1'-0" dropped soffit provided.
- Ceiling elevation dimensioned.
- Devices and light fixtures are shown.
- Refer to G-003 for mounting heights.
- Refer to A-804 for ceiling details.
LEVEL 33 REFLECTED CEILING PLAN

GENERAL NOTES:
1. ALL FIXTURES & DEVICES LOCATED WITHIN STRUCTURE U.N.O. REFER TO MEP DRAWINGS.

LEGEND:
- F1: FLOURESCENT STRIP FIXTURE
- F5: LIGHT SCONCE
- SIDEWALL SPRINKLER
- CEILING MOUNTED EXIT SIGN
- WALL MOUNTED EXIT SIGN
- R-PE5 SHOWN IN ROOMS WITH EXPOSED STRUCTURE U.N.O.

DATE:
07/14/2017
Azmi Zahed-Atkins, RA

WALDORF ASTORIA
301 Park Ave.
New York, NY 10022

LEVEL 33 REFLECTED CEILING PLAN
A-362.00
1. REFER TO G-003 FOR MOUNTING HEIGHTS
2. REFER TO A-804 FOR CEILING DETAILS

- 1'-0" DROPPED SOFFIT PROVIDED
- 1' - 6" 13' - 2" 13' - 2" 13' - 2" 13' - 2" 13' - 2" 7' - 8" 12' - 7" 11' - 6" 8' - 10" 12' - 1" 12' - 0" 3' - 6"
- F1: FLOURESCENT STRIP FIXTURE
- F2: RECESSED CAN
- F3: PENDANT LIGHT
- F4: PENDANT LIGHT
- F5: LIGHT SCONCE
- F6: RECESSED FLOURESCENT FIXTURE
- F7: WALL MOUNTED OCCUPANCY SENSOR
- F8: SPRINKLER HEAD
- F9: SMOKE & CO DETECTORS
- F10: KITCHEN HOOD
- F11: SIDEWALL SPRINKLER
- F12: CEILING MOUNTED EXIT HEAD
- F13: CEILING MOUNTED EXIT SIGN
- F14: WALL MOUNTED EXIT SIGN
- F15: WALL MOUNTED OCCUPANCY SENSOR

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1. REFER TO G-003 FOR MOUNTING HEIGHTS

2. REFER TO A-804 FOR CEILING DETAILS

1. ALL FIXTURES & DEVICES LOCATED WITHIN CEILING GRID TO BE CENTERED ON TILE U.N.O.

2. ALL DIMENSIONS ARE TO CENTERLINE OF FIXTURES U.N.O.

3. DEVICES AND LIGHT FIXTURES ARE NOT SHOWN IN ROOMS WITH EXPOSED STRUCTURE U.N.O. REFER TO MEP DRAWINGS

4. CEILING ELEVATION DIMENSIONED FROM FIN FLOOR U.N.O.

5. ALL KITCHENETTES TO HAVE EXHAUST GRILLE, TYPICAL

---

**LEGEND**

- F1: FLOURESCENT STRIP FIXTURE
- F2: COVE LIGHT
- F3: DOWNLIGHT RECESSED CAN
- F4: PENDANT LIGHT
- F5: LIGHT SCONCE
- F6: RECESSED FLOURESCENT FIXTURE
- F7: WALL MOUNTED FLOURESCENT FIXTURE
- F8: CEILING MOUNTED EXIT SIGN
- F9: WALL MOUNTED EXIT SIGN
- F10: SIDEWALL SPRINKLER HEAD
- F11: OCCUPANCY SENSOR (OS)
- F12: SMOKE & CO DETECTOR
- F13: KITCHEN HOOD
- F14: MASTER BEDROOM
- F15: MASTER BATHROOM
- F16: DRESSING ROOM
- F17: HIS BATH
- F18: BATHROOM #2
- F19: WALK IN CLOSET
- F20: SATIN ROOM
- F21: BEDROOM #2
- F22: LIVING ROOM
- F23: BATHROOM #1
- F24: WALK IN CLOSET

---

**GENERAL NOTES**

- ALL FIXTURES & DEVICES LOCATED WITHIN CEILING GRID TO BE CENTERED ON TILE U.N.O.
- ALL DIMENSIONS ARE TO CENTERLINE OF FIXTURES U.N.O.
- DEVICES AND LIGHT FIXTURES ARE NOT SHOWN IN ROOMS WITH EXPOSED STRUCTURE U.N.O. REFER TO MEP DRAWINGS
- CEILING ELEVATION DIMENSIONED FROM FIN FLOOR U.N.O.
- ALL KITCHENETTES TO HAVE EXHAUST GRILLE, TYPICAL

---

**LEVEL 43 - REFLECTED CEILING PLAN**

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**SCALE:** 1/8" = 1'-0"
1. REFER TO G-003 FOR MOUNTING HEIGHTS
2. REFER TO A-804 FOR CEILING DETAILS

1. ALL FIXTURES & DEVICES LOCATED WITHIN CEILING GRID TO BE CENTERED ON TILE U.N.O.
2. ALL DIMENSIONS ARE TO CENTERLINE OF FIXTURES U.N.O.
3. DEVICES AND LIGHT FIXTURES ARE NOT SHOWN IN ROOMS WITH EXPOSED STRUCTURE U.N.O. REFER TO MEP DRAWINGS
4. CEILING ELEVATION DIMENSIONED FROM FIN FLOOR U.N.O.
5. ALL KITCHENETTES TO HAVE EXHAUST GRILLE, TYPICAL

F2: COVE LIGHT
F6: RECESSED FLOURESCENT FIXTURE
F7: WALL MOUNTED FLOURESCENT FIXTURE
F1: CEILING MOUNTED EXIT SIGN
WALL MOUNTED EXIT SIGN
SPRINKLER HEAD
OCCUPANCY SENSOR OS

LEVEL 44 - REFLECTED CEILING PLAN

A-373.00
NOTE:
1. ACTUAL DIMENSIONS TO BE VERIFIED IN FIELD.
2. ADAPTABLE TO ACCESSIBLE WORK SURFACES & SINKS: PORTION OF THE COUNTER TO BE LOWERED TO BE BETWEEN 30" MIN. AND 34" MAX. WITH NO CABINET BELOW.
3. REFER TO WINDOW SCHEDULE FOR EXTERIOR WINDOW OPENINGS.

Under Directive 2 of 1975
Date: 07/14/2017
Azmi Zahed-Atkins, RA

DUPLEX WALL MOUNT RECEPTICAL, TYP.
REF03
ACCESSIBLE COUNTERTOP
3.2

1'-0" @ K3.2 2'-6" @ K3.2 2'-6" @ K3.2

7' - 0" 8' - 6" 8' - 6"

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Under Directive 2 of 1975
Date: 07/14/2017
GENERAL NOTE:
1. ACTUAL DIMENSIONS TO BE VERIFIED.
2. COUNTERTOPS TO BE MEASURED TO CENTERLINE OF UNDER-COUNTER FIXTURES.
3. VERIFY MEASUREMENTS WITHIN THE BOUNDARIES OF THE DRAWING.
4. ALL SUB-TOP, BAR TOP, ACCESSIBLE COUNTERTOP should be between 34" to 42".
5. ALL COUNTER & WALL ELECTRICAL OUTLETS shall not be lower than 15" or higher than 48" above the finish floor.

1. ACTUAL DIMENSIONS TO BE VERIFIED IN FIELD.
2. ADAPTABLE WORK SURFACE & SINK: ACCESSIBLE PORTION OF THE COUNTERTOP TO BE BETWEEN 34" TO 42".
3. REFER TO WINDOW SCHEDULE FOR EXTERIOR WINDOW OPENINGS.

UNDER DIRECTIVE 2 OF 1975
Date:
Azmi Zahed-Atkins, RA
07/14/2017

301 Park Ave.
New York, NY 10022

OWNER
KITCHEN - TYPE K9

MEPF & SITE CIVIL ENGINEER
Silman
Van Deusen & Associates Stantec Inc.

VERIFICATION & SECURITY CONSULTANT
Kroll Inc.

ARCHITECT
WALDORF ASTORIA
ANBANG GROUP

CODE CONSULTING
Code Consultants, Inc.

LOGISTICS CONSULTANT
Traffic, Parking, and Loading

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

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

ENLARGED PLANS & ELEVATIONS - KITCHENS

A-703.00
Under Directive 2 of 1975
Date: 07/14/2017
Azmi Zahed-Atkins, RA

1. ACTUAL DIMENSIONS TO BE VERIFIED IN FIELD.
2. ADAPTABLE WORK SURFACE & SINK: ACCESSIBLE PORTION OF THE COUNTERTOP TO BE BETWEEN MINIMUM 29" AND MAXIMUM 34". CABINETS BELOW TO BE REMOVED.
3. REFER TO WINDOW SCHEDULE FOR EXTERIOR WINDOW OPENINGS.
4. ALL COUNTER & WALL ELECTRICAL OUTLETS SHALL NOT BE LOWER THAN 15" OR HIGHER THAN 48" ABOVE THE FINISH FLOOR.
GENERAL NOTE:
1. ACTUAL DIMENSIONS TO BE VERIFIED IN FIELD.
2. ADAPTABLE WORK SURFACE & SINK: ACCESSIBLE PORTION OF THE COUNTERTOP TO BE LOWERED TO BE BETWEEN
3. REFER TO WINDOW SCHEDULE FOR EXTERIOR WINDOW OPENINGS.
4. ALL COUNTER & WALL ELECTRICAL OUTLETS SHALL NOT BE LOWER THAN 15" OR HIGHER THAN 48" ABOVE THE FINISH FLOOR.
Under Directive 2 of 1975

Date: Azmi Zahed-Atkins, RA
07/14/2017

MINIMUM 29" AND MAXIMUM 34". CABINETS BELOW TO BE REMOVED.

ALL COUNTER & WALL ELECTRICAL OUTLETS SHALL NOT BE LOWER THAN 15" OR HIGHER THAN 48" ABOVE THE FINISH FLOOR.

型式

KITCHEN - TYPE K18

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

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ADA (TYPE A) BATHROOM - TYPE A3

WALDORF

301 Park Ave.
New York, NY 10022

1. ACTUAL DIMENSIONS TO BE VERIFIED IN FIELD.
2. TYPE A3.1 CONTAINS SIMILAR LAYOUT WITH MIRRORED CONDITIONS.

3.1

3.2

3.3

3.4

1.1

1.2

1.3

1.4

1.5
Refer to G-004 for grab bar mounting details.

ADA (TYPE A) BATHROOM - TYPE A9

WALDORF

TYPE LEVELS WIDTH DEPTH

A9 13-17, 19, 21, 34-36, 42 8'-1" 7'-4 1/2"

NOTE:
1. Actual dimensions to be verified in field.

Refer to plans.

FIN CLG HT

APPROVED
Under Directive 2 of 1975

Date:
Azmi Zahed-Atkins, RA
07/14/2017
NOTE:
1. ACTUAL DIMENSIONS TO BE VERIFIED IN FIELD.
1. SEE SPECIFICATION S SECTION 04220 ‘CONCRETE UNIT MASONRY’ AND CONCRETE UNIT MASONRY NOTES FOR INFORMATION REGARDING MASONRY, MORTAR AND REINFORCING REQUIREMENTS, AND LATERAL DESIGN PRESSURE.

2. FOR USE AT INTERIOR WALLS ONLY.

3. DO NOT USE FOR SEISMIC DESIGN.

4. VERIFY SLAB ASSEMBLY RATING AT CMU WALL RATING TO BE GREATER THAN 2 HR.

5. PROVIDE CONTINUOUS ACOUSTICAL SEALANT AT SILL AND HEAD PARTITIONS WHERE AN STC RATING REQUIREING FIRE RATING AND ACOUSTICAL SEPARATION.

6. PARTITIONS ARE DIMENSIONED FROM FACE GWB/CMU ON PLANS.

7. GAUGE OF RUNNERS TO MATCH GAUGE OF STUDS.

8. ALL GYPSUM BOARD AND STUDS ARE FULL HEIGHT.

9. ALL GYPSUM BOARD IS 5/8" TYP.

10. ALL FIRE RATED PARTITIONS TO BE TYPE ‘X’ GYPSUM BOARD.

11. 1" GYPSUM SHAFT LINER BOARD

12. 5/8" GYPSUM BOARD

13. PARTITIONS ARE DIMENSIONED FROM FACE GWB/CMU ON PLANS.

14. GAUGE OF RUNNERS TO MATCH GAUGE OF STUDS.

15. PROVIDE CONTINUOUS ACOUSTICAL SEALANT AT SILL AND HEAD PARTITIONS WHERE AN STC RATING REQUIREING FIRE RATING AND ACOUSTICAL SEPARATION.

16. PARTITION ASSEMBLIES ARE IDENTIFIED THROUGH THE FOLLOWING PARTITION TAG:
### PARTITION TYPES

#### TYPE K - STAIR SHAFT WALL (2 HR)

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Span @ 16&quot;</th>
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</thead>
<tbody>
<tr>
<td>K1</td>
<td>Cold Formed Stair Shaft Wall (2 HR)</td>
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</tr>
<tr>
<td>K2</td>
<td>Cold Formed Stair Shaft Wall (2 HR)</td>
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<td></td>
</tr>
<tr>
<td>K3</td>
<td>Cold Formed Stair Shaft Wall (2 HR)</td>
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<tr>
<td>K4</td>
<td>Cold Formed Stair Shaft Wall (2 HR)</td>
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<tr>
<td>K5</td>
<td>Cold Formed Stair Shaft Wall (2 HR)</td>
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#### TYPE L - Furring

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<td>L4</td>
<td>Furring</td>
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<tr>
<td>L5</td>
<td>Furring</td>
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</table>

#### TYPE M - COLD FORMED GWB PARTITION (2 HR)

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<tbody>
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<td>Cold Formed GWB Partition (2 HR)</td>
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<tr>
<td>M5</td>
<td>Cold Formed GWB Partition (2 HR)</td>
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#### TYPE N - HORIZONTAL SHAFT WALL

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<td>N2</td>
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<tr>
<td>N3</td>
<td>Horizontal Shaft Wall</td>
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<td>N4</td>
<td>Horizontal Shaft Wall</td>
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<tr>
<td>N5</td>
<td>Horizontal Shaft Wall</td>
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#### TYPE O - COLD FORMED GWB PARTITION (2 HR)

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<tbody>
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<tr>
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<td>Cold Formed GWB Partition (2 HR)</td>
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#### TYPE P - COLD FORMED GWB PARTITION (1 HR)

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<tr>
<td>P2</td>
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<tr>
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<td>Cold Formed GWB Partition (1 HR)</td>
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<tr>
<td>P5</td>
<td>Cold Formed GWB Partition (1 HR)</td>
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#### TYPE Q - COLD FORMED DOUBLE STUD WALL (1 HR)

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<tbody>
<tr>
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</tr>
<tr>
<td>Q2</td>
<td>Cold Formed Double Stud Wall (1 HR)</td>
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<tr>
<td>Q3</td>
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<td>Q5</td>
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#### TYPE R - COLD FORMED DOUBLE STUD WALL (1 HR)

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<tr>
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</tr>
<tr>
<td>R2</td>
<td>Cold Formed Double Stud Wall (1 HR)</td>
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<tr>
<td>R3</td>
<td>Cold Formed Double Stud Wall (1 HR)</td>
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<tr>
<td>R4</td>
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<tr>
<td>R5</td>
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#### TYPE S - COLD FORMED DOUBLE STUD WALL (2 HR)

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<td>Cold Formed Double Stud Wall (2 HR)</td>
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<tr>
<td>S4</td>
<td>Cold Formed Double Stud Wall (2 HR)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S5</td>
<td>Cold Formed Double Stud Wall (2 HR)</td>
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</table>

#### TYPE T - COLD FORMED DOUBLE STUD WALL (2 HR)

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>T1</td>
<td>Cold Formed Double Stud Wall (2 HR)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>T2</td>
<td>Cold Formed Double Stud Wall (2 HR)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>T3</td>
<td>Cold Formed Double Stud Wall (2 HR)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>T4</td>
<td>Cold Formed Double Stud Wall (2 HR)</td>
<td></td>
<td></td>
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<tr>
<td>T5</td>
<td>Cold Formed Double Stud Wall (2 HR)</td>
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#### TYPE U - COLD FORMED SHAFT WALL (2 HR)

<table>
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<tbody>
<tr>
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<tr>
<td>U2</td>
<td>Cold Formed Shaft Wall (2 HR)</td>
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<tr>
<td>U3</td>
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#### TYPE V - COLD FORMED STAIR WALL

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#### TYPE W - COLD FORMED HORIZONTAL SHAFT WALL

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<tbody>
<tr>
<td>W1</td>
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<tr>
<td>W3</td>
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<td>W5</td>
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#### TYPE Y - STAIR SOFFIT ASSEMBLY (2 HR)

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<td>Stair Soffit Assembly (2 HR)</td>
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<tr>
<td>Y3</td>
<td>Stair Soffit Assembly (2 HR)</td>
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</tr>
<tr>
<td>Y4</td>
<td>Stair Soffit Assembly (2 HR)</td>
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<tr>
<td>Y5</td>
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*SCALE: 3" = 1'-0"*
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<th>WINDOW SCHEDULE AND LEGEND</th>
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</table>

**GENERAL NOTE:** HEIGHT AND WIDTH INDICATE ROUGH OPENING
FIRE SEALANT
STEEL STRINGER SUPPORT
ANGLE; PTD. TO MATCH WALL FINISH
CORNER TRIM
SEE PLAN
2 HOUR RATED PARTITION SYSTEM
2 HOUR RATED SOFFIT ASSEMBLY. SEE 800 SERIES PARTITION TYPES
CONTINUOUS 12" STEEL CHANNEL STRINGER; PTD. TO MATCH WALL FINISH
METAL STUD ENGINEERED TO SUPPORT RATED CEILING SYSTEM; SECURED TO STEEL ANGLES
STEEL ANGLES WELDED TO STRINGER
SPRAY-ON FIRE PROOFING STRUCTURAL STEEL; REFER TO STRUCTURAL SERIES DRAWINGS
CONCRETE ON METAL DECK; REFER TO STRUCTURAL SERIES DRAWINGS
CONCRETE FILL
WELDED WIRE FABRIC
DETAILS
SEE CEILING
CAST IN STAIR NOSING WITH PHOTOLUMINESCENT ABRASIVE STRIP
T.O.F.F.
2 HOUR RATED SOFFIT ASSEMBLY. SEE 800 SERIES PARTITION TYPES
CONTINUOUS 12" STEEL CHANNEL FRAME PERIMETER PTD. TO MATCH WALL FINISH
CORNER TRIM
PARTITION DETAILS
SEE HORIZONTAL METAL STUD ENGINEERED TO SUPPORT RATED CEILING SYSTEM; SECURED TO STEEL ANGLES
STEEL ANGLES WELDED TO PLATFORM STRINGER
FIRE SEALANT
2 HOUR RATED SOFFIT ASSEMBLY. SEE 800 SERIES PARTITION TYPES
CONCRETE FILL
WELDED WIRE FABRIC
STEEL STRINGER SUPPORT ANGLE; PTD. TO MATCH WALL FINISH
STRUCTURAL STEEL; REFER TO STRUCTURAL SERIES DRAWINGS
METAL STUD ENGINEERED TO SUPPORT RATED CEILING SYSTEM; SECURED TO STEEL ANGLES
STEEL ANGLES WELDED TO PLATFORM STRINGER
FIRE SEALANT
METAL PAN STAIR - SECTION @ FIRE RATED INTERMEDIATE LANDING
SCALE: 1 1/2" = 1'-0"
METAL PAN STAIR - SECTION @ FIRE RATED TOP LANDING
SCALE: 1 1/2" = 1'-0"
METAL PAN STAIR - SECTION @ FIRE RATED BOTTOM LANDING
SCALE: 1 1/2" = 1'-0"
<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
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<tbody>
<tr>
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</tbody>
</table>

**Under Directive 2 of 1975**

Date: 07/14/2017

Azmi Zahed-Atkins, RA

**Anbang Group, Owner**

**Lerch Bates Inc., Architect**

**Silman, Structural Engineers**

**Kroll Inc., Fire Protection**

**WPM Engineering, P.C., Mechanical Engineers**

**Philip Habib & Associates, Consulting Engineers**

**Traffic, Parking, and Loading**

**Issued to DOB Rev: 02**

**Approved:**

5 June 2017
NOTE:
REFER TO ARCHITECTURAL SET FOR
ALL ROOM/SPACE TAGS

GENERAL NOTES:

1) CONNECT ALL KITCHEN EXHAUST DUCTWORK
   NON-ACCESSIBLE CEILINGS.
1/8" = 1'-0" 1 HVAC - LEVEL 17 PART PLAN B

- Accessible Ceilings
- Rooms/units to be provided with fire wrap
- Kitchen hoods

1. All fire dampers include access doors.
2. Provide cable operated volume dampers.
3. Connect all kitchen exhaust ductwork to

- 10X10 1" slot
- FCU-C
- HW
- 12X12
- CHW/CD
- 10"x10"
- KX
- (50/300)
- 42
- FCU-B
- HW
- 18X16
- E2
- CHW/CD
- 8X6
- 12X10
- 84
- OA
- E1
- E2
- OA
- 45
- CSA/SP
- ATTENUATOR
- HW
- 18X16
- E2
- CHW/CD
- 8X6
- 12X10
- 84
- OA
- E1
- E2
- OA
- 45
- CSA/SP
- ATTENUATOR
- HW
- 18X16
- E2
- CHW/CD
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- 12X10
- 84
- OA
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- E2
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- CSA/SP
- ATTENUATOR
- HW
- 18X16
- E2
- CHW/CD
- 8X6
- 12X10
- 84
- OA
- E1
- E2
- OA
- 45
- CSA/SP
- ATTENUATOR
- HW
GENERAL NOTES:

1) ALL FIRE DAMPERS INCLUDE ACCESS DOORS.

2) PROVIDE CABLE OPERATED VOLUME DAMPERS FOR ALL DIFFUSERS LOCATED ABOVE NON-ACCESSIBLE CEILINGS.

3) CONNECT ALL KITCHEN EXHAUST DUCTWORK TO KITCHEN HOODS.

4) HORIZONTAL DUCTWORK CONNECTIONS TO MER ROOMS/UNIT TO BE PROVIDED WITH FIRE WRAP.
NOTE:
REFER TO ARCHITECTURAL SET FOR
ALL ROOM/SPACE TAGS
NOTE:
REFER TO ARCHITECTURAL SET FOR
ALL ROOM/SPACE TAGS

Under Directive 2 of 1975
Date:
Azmi Zahed-Atkins, RA
07/14/2017
ALL ROOM/SPACE TAGS REFER TO ARCHITECTURAL SET FOR
NOTE:
1/8" = 1'-0" 1 HVAC - LEVEL 32
31
31
W10
TX
W11
W4
W4
KX
20X10
DN.
FCU-C
20X16
28X16
DN.
CHW/CD
6
32
FCU-D
32
HW
HW
W3
TX
HW
33
HW
34
HW
5A
5A
5
FCU-B
22X14
DN.
FCU-C
FCU-B
12X10
DN.
FCU-C
FCU-B1
12"x10"
FD/AD
12"x10"
FD/AD
22"x14"
2
AHU-32-1
TX
OA
121191245
ES122205259
NOTE: REFER TO ARCHITECTURAL SET FOR ALL ROOM/SPACE TAGS.
TO KITCHEN HOODS.
3) CONNECT ALL KITCHEN EXHAUST DUCTWORK TO NON-ACCESSIBLE CEILINGS.

GENERAL NOTES:
NOTE:
REFER TO ARCHITECTURAL SET FOR
ALL ROOM/SPACE TAGS

ALL ROOM/SPACE TAGS REFER TO ARCHITECTURAL SET FOR
W4 CHW/CD
TX FD/AD
CHW/CD 6
CHW/CD 32
31
FCU-B
(25)
FCU-C
(50/300)

18"x14
DN.

12"x6"

12X12
TD
FD/AD
FCU-C
(350/600)
1" SLOT
17’ - 7”
8“x8”
18X12
41
16X30
TO KITCHEN HOODS.
3) CONNECT ALL KITCHEN EXHAUST DUCTWORK
NON-ACCESSIBLE CEILINGS.
DAMPERS FOR ALL DIFFUSERS LOCATED ABOVE
2) PROVIDE CABLE OPERATED VOLUME
1) ALL FIRE DAMPERS INCLUDE ACCESS DOORS.
Under Directive 2 of 1975
Date:
Azmi Zahed-Atkins, RA
07/14/2017

WALDORF
ASTORIA
301 Park Avenue
New York, NY, 10022

3) FOR TX AND OA CONNECTIONS TO AHU-32-1
2) FOR KX CONNECTIONS TO EF-KX-18-1
1) FOR KX CONNECTIONS TO EF-KX-33-1

4) FOR CSA/SP CONNECTIONS TO AHU-18-1

5) FOR TRX CONNECTIONS TO EF-TRX-E-R1

7) TYPICAL MIN/MAX FOR A LARGE KITCHEN:
MAX=150CFM

6) TYPICAL MIN/MAX CFM FOR A SMALL KITCHEN:
MIN=50CFM

EQUIPMENT SEE 18TH FLOOR.

EQUIPMENT SEE 17TH & 18TH FLOORS.

EQUIPMENT SEE 32ND & 33RD FLOORS.

SEE ROOF LEVEL.

15'-3" F.T.F
13'-3" F.T.F
11'-0" F.T.F
11'-0" F.T.F
12'-0" F.T.F
12'-0" F.T.F
10'-10" F.T.F
10'-10" F.T.F
10'-10" F.T.F
10'-10" F.T.F
10'-10" F.T.F
10'-10" F.T.F
10'-10" F.T.F
10'-10" F.T.F
10'-10" F.T.F
15'-3" F.T.F
13'-3" F.T.F
11'-0" F.T.F
11'-0" F.T.F
1ST FLOOR
2ND FLOOR
4TH FLOOR
21ST FLOOR
7TH FLOOR
9TH FLOOR
10TH FLOOR
12TH FLOOR
18TH FLOOR
19TH FLOOR
20TH FLOOR
NON-R2 SERVICES ARE NOT PART OF THIS APPLICATION. REFER TO M-001 FOR SCOPE OF WORK.

121191245
ES204300126
Under Directive 2 of 1975
Date:
Azmi Zahed-Atkins, RA
07/14/2017

19TH FLOOR
14TH FLOOR
15TH FLOOR
B3
B2
B1
GROUND LEVEL

SCHEMATIC DESIGN WATER SIDE RISER DIAGRAM

RESIDENTIAL HOT WATER PUMPS AND HX SET.

RESIDENTIAL CHILLED WATER PUMPS AND HX SET, AND PRESSURE BREAK

HOTEL, AMENITY SPACE & BOH CHILLED WATER PUMP SET.

PRIMARL BUILDING CHILLERS & CONDENSING WATER PUMP SET.

HOTEL, AMENITY & BOH HOT WATER PUMPS AND HX SET.

RETAIL HOT WATER PUMPS AND HX SET.
Azmi Zahed-Atkins, RA
07/14/2017

APPROVED
Under Directive 2 of 1975

MECHANICAL WATER
RISE DIAGRAM 7

M-516
## AERIAL HANDLING UNIT SCHEDULE

<table>
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<th>DESIGNATION LOCATION SERVICE CFM FAN TYPE</th>
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<tbody>
<tr>
<td>MS-009</td>
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## FAN COIL UNIT SCHEDULE

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## FAN SCHEDULE

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## FIN TUBE RADIATION SCHEDULE

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## ZONE CONTROL TERMINAL SCHEDULE

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<tr>
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<td>-400 GIL-BAR/IEC FHY02</td>
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---

1. See notes for the above fabrication drawing. Only used by us to fabricate the equipment.
PLUMBING NOTES

1. All work shall be done in accordance with the conditions of the contract, plans, and specifications.

2. All work shall be done in accordance with the New York City Department of Buildings and Plumbing, Gas, and Fuel Code. All work shall be done in accordance with the requirements of the New York City Department of Buildings and Plumbing, Gas, and Fuel Code. All work shall be done in accordance with the requirements of the New York City Department of Buildings and Plumbing, Gas, and Fuel Code. All work shall be done in accordance with the requirements of the New York City Department of Buildings and Plumbing, Gas, and Fuel Code. All work shall be done in accordance with the requirements of the New York City Department of Buildings and Plumbing, Gas, and Fuel Code. All work shall be done in accordance with the requirements of the New York City Department of Buildings and Plumbing, Gas, and Fuel Code. All work shall be done in accordance with the requirements of the New York City Department of Buildings and Plumbing, Gas, and Fuel Code. All work shall be done in accordance with the requirements of the New York City Department of Buildings and Plumbing, Gas, and Fuel Code.

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NOTE:
REFER TO ARCHITECTURAL SET FOR ALL ROOM/SPACE TAGS
NOTE:
REFER TO ARCHITECTURAL SET FOR
ALL ROOM/SPACE TAGS

APPROVED
Under Directive 2 of 1975
Date:
Azmi Zahed-Atkins, RA
07/14/2017
NOTE:
REFER TO ARCHITECTURAL SET FOR
ALL ROOM/SPACE TAGS.
121191245

APPROVED
Under Directive 2 of 1975

Date:
Azmi Zahed-Atkins, RA
07/14/2017

ZONE 2
ZONE 2
ZONE 3
ZONE 4
ZONE 5
ZONE 5

(1) 15,000 GALLON STEEL TANK
(1) 15,000 GALLON STEEL TANK
FIRE RESERVE TANK (LEVEL 45)

New York, NY, 10022
301 Park Avenue
PLUMBING DOMESTIC Code Consultants, Inc.
Kroll Inc.
Skidmore, Owings & Merrill LLP
No. Date Description
P-501.00
Security Consultant
Exterior Wall Consultant
Logistics Consultant
MEPF & Site Civil Engineer
Structural Engineer

1 10 FEB 2017 ISSUED TO DOB
7 JUNE 2017

7 JUNE 2017

P-501.00

PLUMBING DOMESTIC WATER RISER DIAGRAM SHEET

Page 1 of 21
**MATERIAL SCHEDULE**

<table>
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**DOMESTIC HOT WATER GENERATING STATION SCHEDULE**

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**FIXTURE CONNECTION SCHEDULE**

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**PUMP SCHEDULE**

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**WATER HAMMER ARRESTER SCHEDULE**

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**DRAIN SCHEDULE**

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**PRESSURE VESSELS**

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**NON-PRESSURE VESSELS & PITS**

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<tbody>
<tr>
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</table>
10. MECHANICAL, ELECTRICAL AND PLUMBING HANGERS FOR DUCTWORK AND PIPES TO BE SUSPENDED FROM EXISTING STEEL BEAMS ONLY IN ZONES OF DRAPE MESH SLAB. LIGHTWEIGHT CEILING AND LIGHTING.
1. ALL EXISTING FRAMING SHOWN IS BASED ON LIMITED FIELD OBSERVATIONS AND VARIOUS EXISTING DRAWINGS.

3. ALL ELEVATIONS NOTED ARE RELATIVE TO NAVD88. REFER TO ARCHITECTURAL DRAWINGS FOR SURVEY.

4. TOP OF EXISTING STEEL ELEVATION TO BE (-4 ½") BELOW TOP OF SLAB ELEVATION, TYP.

NOTES

MADE AVAILABLE TO ENGINEER OF RECORD.

HANGERS CAN BE SUSPENDED FROM DRAPED MESH SLABS, HOWEVER PULL TESTING OF ANCHORS FOR EACH EXISTING STEEL BEAMS ONLY IN ZONES OF DRAPE MESH SLAB. LIGHTWEIGHT CEILING AND LIGHTING DEPT OF BLDGS.
LEVEL 5 FRAMING - PART PLAN A

1. ALL EXISTING FRAMING SHOWN IS BASED ON LIMITED FIELD OBSERVATIONS AND VARIOUS EXISTING CONDITION OF EXISTING SLABS ARE BASED ON LIMITED FIELD OBSERVATIONS (12TH AND 24TH FLOORS).

2. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONAL INFORMATION NOT SHOWN ON PLAN

3. ASSUMPTIONS WITHIN SCOPE NOTES ARE BASED ON THOSE OBSERVATIONS ORIGIN SERIES FOR ANCHORAGE DETAILS AND SUGGESTED PULL-TESTING REGIMEN FOR BOTH DRAPED MESH AND EACH SLAB TYPE IS REQUIRED TO IDENTIFY MAX HANGER LOADING.

4. HANGERS CAN BE SUSPENDED FROM DRAPED MESH SLABS, HOWEVER PULL TESTING OF ANCHORS FOR MECHANICAL, ELECTRICAL AND PLUMBING HANGERS FOR DUCTWORK AND PIPES TO BE SUSPENDED FROM V.I.F.

5. TOP OF NEW STEEL ELEVATION TO BE (-1") BELOW BOTTOM OF SLAB ELEVATION, TYP U.O.N ON PLAN

6. REFER TO S-500 SERIES DRAWINGS FOR TYPICAL DETAILS, INCLUDING SLAB REPAIR DETAILS

LEVEL 5 STEEL - PART A

TOP OF SLAB ELEVATION TO BE 114'-7 7/8" (113'-0" ON EXISTING DRAWINGS).

12' - 11 1/2" 13' - 11 1/2" 13' - 11 1/2"

13' - 2" 13' - 2" 13' - 2"

12x26 W8x21 (E) 14CB (E) 14CB (E) 10CB (E) 10CB (E) 10CB

V.I.F. V.I.F. V.I.F.

W8x21 (E) 12C (E) 12C (E) 12C

W8x21 (E) 16CB (E) 16CB (E) 16CB

W8x21 (E) 14CB (E) 14CB (E) 14CB (E) 14CB

8x21 (E) 2C15 (E) 2C15 (E) 2C15

V.I.F. V.I.F. V.I.F.

R-PE1 R-PE3 R-SE1

W8x24 (E) 10CB (E) 12CB

W16x31 W8x21 W8x21

W8x24 (E) 12CB (E) 12CB (E) 12CB (E) 12CB

W8x21 W16x31 W8x21

W8x21 W8x21 W8x21
1. The top of existing steel elevation to be (-4 ½") below or top of slab elevation, typical.

2. Mechanical, electrical, and plumbing hangers for ductwork and pipes to be suspended from the slab.

3. Representative of the estimated steel tonnage required for new hotel floor penetrations.
LEVEL 7 FRAMING - PART A

1. ALL EXISTING FRAMING SHOWN IS BASED ON LIMITED FIELD OBSERVATIONS AND VARIOUS EXISTING
   CONDITIONS.
2. CONDITION OF EXISTING SLABS ARE BASED ON LIMITED FIELD OBSERVATIONS (12TH AND 24TH FLOORS),
   EXCEPT WHERE SHOWN.
3. ALL ELEVATIONS NOTED ARE RELATIVE TO NAVD88. REFER TO ARCHITECTURAL DRAWINGS FOR SURVEY
   ORIGIN.
4. TOP OF EXISTING STEEL ELEVATION TO BE (-4 ½") BELOW TOP OF SLAB ELEVATION, TYP.
5. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL UNIT LOCATIONS.
6. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONAL INFORMATION NOT SHOWN ON PLAN.
7. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL UNIT LOCATIONS.
8. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL UNIT LOCATIONS.
9. SEE S-002 FOR LEGEND.
10. MECHANICAL, ELECTRICAL AND PLUMBING HANGERS FOR DUCTWORK AND PIPES TO BE SUSPENDED FROM
    V.I.F.

EXISTING SLAG BLOCK SLAB ZONES ALLOWED, BUT MUST BE REVIEWED BY EOR. SEE TYPICAL DETAILS S-500
TO REPRESENTATIVE OF THE ESTIMATED STEEL TONNAGE REQUIRED FOR NEW HOTEL FLOOR PENETRATIONS.

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LEVEL 7 FRAMING - PART PLAN A

S-121.00
1. ISSUED TO DOB: 07/14/2017

2. LEVEL 6 FRAME - PART B

3. MECHANICAL, ELECTRICAL AND PLUMBING HANGERS FOR DUCTWORK AND PIPES TO BE SUSPENDED FROM TOP OF NEW STEEL ELEVATION TO BE (-1") BELOW BOTTOM OF SLAB ELEVATION, TYP. ON PLAN.

4. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONAL INFORMATION NOT SHOWN ON PLAN.

5. TOP OF NEW STEEL ELEVATION TO BE (-1") BELOW BOTTOM OF SLAB ELEVATION, TYP. ON PLAN.

6. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONAL INFORMATION NOT SHOWN ON PLAN.

7. ASSUMPTIONS WITHIN SCOPE NOTES ARE BASED ON THOSE OBSERVATIONS MADE AVAILABLE TO ENGINEER OF RECORD.

8. CONDITION OF EXISTING SLABS ARE BASED ON LIMITED FIELD OBSERVATIONS (12TH AND 24TH FLOORS).

9. ALL ELEVATIONS NOTED ARE RELATIVE TO NAVD88. REFER TO ARCHITECTURAL DRAWINGS FOR SURVEY.

10. MECHANICAL, ELECTRICAL AND PLUMBING HANGERS FOR DUCTWORK AND PIPES TO BE SUSPENDED FROM TOP OF NEW STEEL ELEVATION TO BE (-1") BELOW BOTTOM OF SLAB ELEVATION, TYP. ON PLAN.

11. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONAL INFORMATION NOT SHOWN ON PLAN.

12. TOP OF NEW STEEL ELEVATION TO BE (-1") BELOW BOTTOM OF SLAB ELEVATION, TYP. ON PLAN.

13. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONAL INFORMATION NOT SHOWN ON PLAN.

14. ASSUMPTIONS WITHIN SCOPE NOTES ARE BASED ON THOSE OBSERVATIONS MADE AVAILABLE TO ENGINEER OF RECORD.

15. CONDITION OF EXISTING SLABS ARE BASED ON LIMITED FIELD OBSERVATIONS (12TH AND 24TH FLOORS).

16. ALL ELEVATIONS NOTED ARE RELATIVE TO NAVD88. REFER TO ARCHITECTURAL DRAWINGS FOR SURVEY.
Under Directive 2 of 1975

Notes:
1. REFER TO S-500 SERIES DRAWINGS FOR TYPICAL DETAILS, INCLUDING SLAB REPAIR DETAILS
2. TOP OF NEW STEEL ELEVATION TO BE (-1") BELOW BOTTOM OF SLAB ELEVATION, TYP. ON PLAN
3. ASSUMPTIONS WITHIN SCOPE NOTES ARE BASED ON THOSE OBSERVATIONS ORIGINALLY
4. EXISTING SLAB BLOCK ZONES ALLOWED, BUT MUST BE REVIEWED BY EOR. SEE TYPICAL DETAILS S-500

DEPT OF BLDGS Job Number Scan Code

LOGISTICS CONSULTANT
VERTICAL TRANSPORTATION

10 FEB 2017 ISSUED FOR BID PACKAGE 002

Stantec Inc.
Philip Habib & Associates
SEAL

ANBANG GROUP

PAGE NUMBER

9
1. ALL ELEVATIONS NOTED ARE RELATIVE TO NAVD88. REFER TO ARCHITECTURAL DRAWINGS FOR SURVEY

5. TOP OF NEW STEEL ELEVATION TO BE (-1") BELOW BOTTOM OF SLAB ELEVATION, TYP U.O.N ON PLAN

8. REFER TO S-500 SERIES DRAWINGS FOR TYPICAL DETAILS, INCLUDING SLAB REPAIR DETAILS

11. MECHANICAL, ELECTRICAL AND PLUMBING HANGERS FOR DUCTWORK AND PIPES TO BE SUSPENDED FROM

ASSUMPTIONS WITHIN SCOPE NOTES ARE BASED ON THOSE OBSERVATIONS ORIGIN

DATE: 07/14/2017

Azmi Zahed-Atkins, RA

07/14/2017

LEVEL 12 FRAMING - PART PLAN A

LEVEL 12 STEEL - PART A
LEVEL 13 STEEL - PART A

1. PLUMBING CHASES HAVE NOT BEEN COORDINATED FOR LEVELS 13-43.

2. CONDITION OF EXISTING SLABS ARE BASED ON LIMITED FIELD OBSERVATIONS (12TH AND 24TH FLOORS).

3. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL UNIT LOCATIONS

4. TOP OF EXISTING STEEL ELEVATION TO BE (-4 1/2") BELOW TOP OF SLAB ELEVATION, TYP.

5. TOP OF NEW STEEL ELEVATION TO BE (-1") BELOW BOTTOM OF SLAB ELEVATION, TYP.

6. REFER TO S-500 SERIES DRAWINGS FOR TYPICAL DETAIL S, INCLUDING SLAB REPAIR DETAILS

7. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL UNIT LOCATIONS

8. MECHANICAL, ELECTRICAL AND PLUMBING HANGERS FOR DUCTWORK AND PIPES TO BE SUSPENDED FROM EXISTING STEEL BEAMS ONLY IN ZONES OF DRAPE MESH SLAB. LIGHTWEIGHT CEILING AND LIGHTING REINFORCING.

9. ANY OPENING WITHOUT STEEL SHOWN SHOULD ALLOW FOR 0.25 TONS OF STEEL FOR ASSUMPTIONS WITHIN SCOPE NOTES ARE BASED ON THOSE OBSERVATIONS ORIGIN SERIES FOR ANCHORAGE DETAILS AND SUGGESTED PULL-TESTING REGIMEN FOR BOTH DRAPED MESH AND EXISTING STEEL BEAMS.

10. LIGHTWEIGHT CEILING AND LIGHTING REINFORCING.

11. MECHANICAL, ELECTRICAL AND PLUMBING HANGERS FOR DUCTWORK AND PIPES TO BE SUSPENDED FROM EXISTING STEEL BEAMS ONLY IN ZONES OF DRAPE MESH SLAB. LIGHTWEIGHT CEILING AND LIGHTING REINFORCING.

12. ANY OPENING WITHOUT STEEL SHOWN SHOULD ALLOW FOR 0.25 TONS OF STEEL FOR ASSUMPTIONS WITHIN SCOPE NOTES ARE BASED ON THOSE OBSERVATIONS ORIGIN SERIES FOR ANCHORAGE DETAILS AND SUGGESTED PULL-TESTING REGIMEN FOR BOTH DRAPED MESH AND EXISTING STEEL BEAMS.

Under Directive 2 of 1975
Date: 07/14/2017
Azmi Zahed-Atkins, RA
LEVEL 14 STEEL - PART A

1. ALL EXISTING FRAMING SHOWN IS BASED ON LIMITED FIELD OBSERVATIONS AND VARIOUS EXISTING DRAWINGS.

2. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL UNIT LOCATIONS.

3. TOP OF NEW STEEL ELEVATION TO BE (-1") BELOW BOTTOM OF SLAB ELEVATION, TYP ON PLAN.

4. NOTES REINFORCING. ANY OPENING WITHOUT STEEL SHOWN SHOULD ALLOW FOR 0.25 TONS OF STEEL FOR ORIGIN SERIES FOR ANCHORAGE DETAILS AND SUGGESTED PULL-TESTING REGIMEN FOR BOTH DRAPED MESH AND EXISTING STEEL BEAMS ONLY IN ZONES OF DRAPE MESH SLAB. LIGHTWEIGHT CEILING AND LIGHTING.

5. TOP OF NEW STEEL ELEVATION TO BE (-1") BELOW BOTTOM OF SLAB ELEVATION, TYP ON PLAN.

6. NOTES REINFORCING. ANY OPENING WITHOUT STEEL SHOWN SHOULD ALLOW FOR 0.25 TONS OF STEEL FOR ORIGIN SERIES FOR ANCHORAGE DETAILS AND SUGGESTED PULL-TESTING REGIMEN FOR BOTH DRAPED MESH AND EXISTING STEEL BEAMS ONLY IN ZONES OF DRAPE MESH SLAB. LIGHTWEIGHT CEILING AND LIGHTING.

7. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL UNIT LOCATIONS.

8. TOP OF NEW STEEL ELEVATION TO BE (-1") BELOW BOTTOM OF SLAB ELEVATION, TYP ON PLAN.

9. NOTES REINFORCING. ANY OPENING WITHOUT STEEL SHOWN SHOULD ALLOW FOR 0.25 TONS OF STEEL FOR ORIGIN SERIES FOR ANCHORAGE DETAILS AND SUGGESTED PULL-TESTING REGIMEN FOR BOTH DRAPED MESH AND EXISTING STEEL BEAMS ONLY IN ZONES OF DRAPE MESH SLAB. LIGHTWEIGHT CEILING AND LIGHTING.

10. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL UNIT LOCATIONS.

11. TOP OF NEW STEEL ELEVATION TO BE (-1") BELOW BOTTOM OF SLAB ELEVATION, TYP ON PLAN.

12. NOTES REINFORCING. ANY OPENING WITHOUT STEEL SHOWN SHOULD ALLOW FOR 0.25 TONS OF STEEL FOR ORIGIN SERIES FOR ANCHORAGE DETAILS AND SUGGESTED PULL-TESTING REGIMEN FOR BOTH DRAPED MESH AND EXISTING STEEL BEAMS ONLY IN ZONES OF DRAPE MESH SLAB. LIGHTWEIGHT CEILING AND LIGHTING.

13. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL UNIT LOCATIONS.

14. TOP OF NEW STEEL ELEVATION TO BE (-1") BELOW BOTTOM OF SLAB ELEVATION, TYP ON PLAN.

15. NOTES REINFORCING. ANY OPENING WITHOUT STEEL SHOWN SHOULD ALLOW FOR 0.25 TONS OF STEEL FOR ORIGIN SERIES FOR ANCHORAGE DETAILS AND SUGGESTED PULL-TESTING REGIMEN FOR BOTH DRAPED MESH AND EXISTING STEEL BEAMS ONLY IN ZONES OF DRAPE MESH SLAB. LIGHTWEIGHT CEILING AND LIGHTING.

16. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL UNIT LOCATIONS.

17. TOP OF NEW STEEL ELEVATION TO BE (-1") BELOW BOTTOM OF SLAB ELEVATION, TYP ON PLAN.

18. NOTES REINFORCING. ANY OPENING WITHOUT STEEL SHOWN SHOULD ALLOW FOR 0.25 TONS OF STEEL FOR ORIGIN SERIES FOR ANCHORAGE DETAILS AND SUGGESTED PULL-TESTING REGIMEN FOR BOTH DRAPED MESH AND EXISTING STEEL BEAMS ONLY IN ZONES OF DRAPE MESH SLAB. LIGHTWEIGHT CEILING AND LIGHTING.
TOP OF SLAB ELEVATION TO BE 212' 1 7/8" (210'-6" ON EXISTING DRAWINGS)

V.I.F. 12' - 11 1/2"

V.I.F. 13' - 2"

V.I.F. 13' - 2"

V.I.F. 13' - 2"

V.I.F. 13' - 2"

V.I.F. 7' - 8"

V.I.F. 8' - 10"

V.I.F. 14' - 4"

V.I.F. 13' - 4"

V.I.F. 12' - 2 3/4"

V.I.F. 17

HSS10x4x3/8

R-PE4

W

8x18

HSS10x4x3/8

W12x22

V.I.F.

13' - 1"

V.I.F.

13' - 4"

V.I.F.

14 CB (E)

V.I.F.

16 CB (E)

V.I.F.

12 CB (E)

V.I.F.

10 CB (E)

V.I.F.

18 CB (E)

V.I.F.

18 CB (E)

V.I.F.

8 CB

V.I.F.

16 CB (E)

V.I.F.

6 C

V.I.F.

21 CB

V.I.F.

6 CB

V.I.F.

8 CB
LEVEL 18 STEEL - PART A

4. TOP OF EXISTING STEEL ELEVATION TO BE (-4 ½") BELOW TOP OF SLAB ELEVATION, TYP

6. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONAL INFORMATION NOT SHOWN ON PLAN

7. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL UNIT LOCATIONS

8. REFER TO S-500 SERIES DRAWINGS FOR TYPICAL DETAIL S, INCLUDING SLAB REPAIR DETAILS

9. SEE S-002 FOR LEGEND

10. MECHANICAL, ELECTRICAL AND PLUMBING HANGERS FOR DUCTWORK AND PIPES TO BE SUSPENDED FROM

PLUMBING CHASES HAVE NOT BEEN COORDINATED FOR LEVELS 13-43.

MADE AVAILABLE TO ENGINEER OF RECORD.

SLAB TYPE IS REQUIRED TO IDENTIFY MAX HANGER LOADING.

SILMAN #17140
New York, NY 10022
301 Park Ave.

Kroll Inc.
Philip Habib & Associates
NO. DATE DESCRIPTION

EXTERIOR WALL CONSULTANT

TRAFFIC, PARKING, AND LOADING

LOGISTICS CONSULTANT

VERTICAL TRANSPORTATION

SOM
Skidmore, Owings & Merrill LLP
1. All existing framing shown is based on limited field observations and various existing drawings.

2. All elevations noted are relative to NAVD88. Refer to architectural drawings for survey.

3. Refer to S-500 series drawings for typical details, including slab repair details.

4. Top of existing steel elevation to be (-4 ½") below top of slab elevation, typical on plan.

5. Top of new steel elevation to be (-1") below bottom of slab elevation, typical on plan.

6. Mechanical, electrical and plumbing hangers for ductwork and pipes to be suspended from existing steel.

7. Refer to mechanical drawings for mechanical unit locations.

8. Refer to S-500 series drawings for typical details, including slab repair details.


10. Assumptions within scope notes are based on those observations made available to engineer of record.

11. Plumbing chases have not been coordinated for levels 13-43. Any opening without steel shown should allow for 0.25 tons of steel for assumptions within scope notes.

12. Scope notes:

   a. Slab type is required to identify max hanger loading.

   b. Existing steel beams only in zones of drape mesh slab. Lightweight ceiling and lighting exist in slab zones allowed, but must be reviewed by EOR. See typical details S-500.

   c. Existing steel only in zones of drape mesh slab. Lightweight ceiling and lighting exist in slab zones allowed, but must be reviewed by EOR. See typical details S-500.

   d. Existing slab zones only in zones of drape mesh slab. Lightweight ceiling and lighting exist in slab zones allowed, but must be reviewed by EOR. See typical details S-500.

   e. Existing slab zones only in zones of drape mesh slab. Lightweight ceiling and lighting exist in slab zones allowed, but must be reviewed by EOR. See typical details S-500.

   f. Existing slab zones only in zones of drape mesh slab. Lightweight ceiling and lighting exist in slab zones allowed, but must be reviewed by EOR. See typical details S-500.

   g. Existing slab zones only in zones of drape mesh slab. Lightweight ceiling and lighting exist in slab zones allowed, but must be reviewed by EOR. See typical details S-500.

   h. Existing slab zones only in zones of drape mesh slab. Lightweight ceiling and lighting exist in slab zones allowed, but must be reviewed by EOR. See typical details S-500.

   i. Existing slab zones only in zones of drape mesh slab. Lightweight ceiling and lighting exist in slab zones allowed, but must be reviewed by EOR. See typical details S-500.

   j. Existing slab zones only in zones of drape mesh slab. Lightweight ceiling and lighting exist in slab zones allowed, but must be reviewed by EOR. See typical details S-500.
1. All existing framing shown is based on limited field observations and various existing drawings.

3. All elevations noted are relative to NAVD88. Refer to architectural drawings for survey.

7. Refer to mechanical drawings for mechanical unit locations.

6. Refer to architectural drawings for dimensional information not shown on plan.


SCOPE NOTES:

- Reinforcing. Any opening without steel shown should allow for 0.25 tons of steel for existing slag block slab zones allowed, but must be reviewed by EOR. See typical details S-500.

- Slab type is required to identify max hanger loading.

- Existing steel beams only in zones of drape mesh slab. Lightweight ceiling and lighting.

Under Directive 2 of 1975
Date: 07/14/2017
Azmi Zahed-Atkins, RA

ES674841660

APPROVED
LEVEL 20 STEEL - PART B

TOP OF SLAB ELEVATION TO BE 284'-1 7/8" (282'-6" ON EXISTING DRAWINGS)

3. ALL ELEVATIONS NOTED ARE RELATIVE TO NAVD88. REFER TO ARCHITECTURAL DRAWINGS FOR SURVEY

11. MECHANICAL, ELECTRICAL AND PLUMBING HANGERS FOR DUCTWORK AND PIPES TO BE SUSPENDED FROM

10. MECHANICAL, ELECTRICAL AND PLUMBING HANGERS FOR DUCTWORK AND PIPES TO BE SUSPENDED FROM

9. SEE S-002 FOR LEGEND

6. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONAL INFORMATION NOT SHOWN ON PLAN

5. TOP OF NEW STEEL ELEVATION TO BE (-1") BELOW BOTTOM OF SLAB ELEVATION, TYP U.O.N ON PLAN

4. TOP OF EXISTING STEEL ELEVATION TO BE (-4 ½") BELOW TOP OF SLAB ELEVATION, TYP

2. ASSUMPTIONS WITHIN SCOPE NOTES ARE BASED ON THOSE OBSERVATIONS MADE AVAILABLE TO ENGINEER OF RECORD.

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APPROVED
Under Directive 2 of 1975
Date:
Azmi Zahed-Atkins, RA
07/14/2017
121191245
ES056102807
SCOPE NOTES:

PLUMBING CHASES HAVE NOT BEEN COORDINATED FOR LEVELS 13-43.

REINFORCING.

ANY OPENING WITHOUT STEEL SHOWN SHOULD ALLOW FOR 0.25 TONS OF STEEL FOR
LEVEL 23 STEEL - TOWER

TOP OF SLAB ELEVATION TO BE 317'-1 7/8" (315'-6" ON EXISTING DRAWINGS)

LEVEL 23 FRAMING PLAN

1. ALL EXISTING FRAMING SHOWN IS BASED ON LIMITED FIELD OBSERVATIONS AND VARIOUS EXISTING DRAWINGS

2. CONDITION OF EXISTING SLABS ARE BASED ON LIMITED FIELD OBSERVATIONS (12TH AND 24TH FLOORS),

3. REFER TO S-500 SERIES DRAWINGS FOR TYPICAL DETAILS, INCLUDING SLAB REPAIR DETAILS

4. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONAL INFORMATION NOT SHOWN ON PLAN

5. TOP OF NEW STEEL ELEVATION TO BE (-1") BELOW BOTTOM OF SLAB ELEVATION, TYP. ON PLAN

6. REFER TO V.I.F. ASSUMPTIONS WITHIN SCOPE NOTES ARE BASED ON THOSE OBSERVATIONS

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Revise Elements

SLAB TYPE IS REQUIRED TO IDENTIFY MAX HANGER LOADING.

EXISTING STEEL BEAMS ONLY IN ZONES OF DRAPE MESH SLAB. LIGHTWEIGHT CEILING AND LIGHTING ORIGIN

---

Further Details

REINFORCING.
LEVEL 24 STEEL - TOWER

NEW BEAM WITH TOP

NEW PARTITION WALL

PLUMBING CHASES HAVE NOT BEEN COORDINATED FOR LEVELS 13-43.

REINFORCING. ANY OPENING WITHOUT STEEL SHOWN SHOULD ALLOW FOR 0.25 TONS OF STEEL FOR ASSUMPTIONS WITHIN SCOPE NOTES ARE BASED ON THOSE OBSERVATIONS SLAG BLOCK SLABS. EXISTING SLAG BLOCK SLAB ZONES ALLOWED, BUT MUST BE REVIEWED BY EOR. SEE TYPICAL DETAILS S-500 SLAB TYPE IS REQUIRED TO IDENTIFY MAX HANGER LOADING.

1. ALL EXISTING FRAMING SHOWN IS BASED ON LIMITED FIELD OBSERVATIONS AND VARIOUS EXISTING DRAWINGS
2. CONDITION OF EXISTING SLABS ARE BASED ON LIMITED FIELD OBSERVATIONS (12TH AND 24TH FLOORS),
3. ALL ELEVATIONS NOTED ARE RELATIVE TO NAVD88. REFER TO ARCHITECTURAL DRAWINGS FOR SURVEY
4. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONAL INFORMATION NOT SHOWN ON PLAN
LEVEL 26 STEEL - TOWER

TOP OF NEW STEEL ELEVATION TO BE (-1") BELOW BOTTOM OF SLAB ELEVATION, TYP U.O.N ON PLAN

SCOPE NOTES:

ANY OPENING WITHOUT STEEL SHOWN SHOULD ALLOW FOR 0.25 TONS OF STEEL FOR EXISTING SLAG BLOCK SLAB ZONES ALLOWED, BUT MUST BE REVIEWED BY EOR. SEE TYPICAL DETAILS S-500 SLAB TYPE IS REQUIRED TO IDENTIFY MAX HANGER LOADING.

HANGERS CAN BE SUSPENDED FROM DRAPED MESH SLABS, HOWEVER PULL TESTING OF ANCHORS FOR EACH...
LEVEL 28 FRAMING PLAN

SCOPE NOTES:
1. TOP OF EXISTING STEEL ELEVATION TO BE (-4 ½") BELOW TOP OF SLAB ELEVATION, TYP
2. CONDITION OF EXISTING SLABS ARE BASED ON LIMITED FIELD OBSERVATIONS (12TH AND 24TH FLOORS)
3. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONAL INFORMATION NOT SHOWN ON PLAN
4. MECHANICAL, ELECTRICAL AND PLUMBING HANGERS FOR DUCTWORK AND PIPES TO BE SUSPENDED FROM
5. SLAG BLOCK SLABS.
6. SERIES FOR ANCHORAGE DETAILS AND SUGGESTED PULL-TESTING REGIMEN FOR BOTH DRAPED MESH AND EXISTING STEEL BEAMS ONLY IN ZONES OF DRAPE MESH SLAB. LIGHTWEIGHT CEILING AND LIGHTING MADE AVAILABLE TO ENGINEER OF RECORD.
7. PLUMBING CHASES HAVE NOT BEEN COORDINATED FOR LEVELS 13-43.
8. CODE CONSULTING
9. MEPF & SITE CIVIL ENGINEER
10. VERTICAL TRANSPORTATION
11. MECHANICAL, ELECTRICAL AND PLUMBING HANGERS FOR DUCTWORK AND PIPES TO BE SUSPENDED FROM

LEVEL 28 STEEL - TOWER
1/8" = 1'-0" S-157
LEVEL 30 STEEL - TOWER

ASSUMPTIONS WITHIN SCOPE NOTES ARE BASED ON THOSE OBSERVATIONS ORIGIN MADE AVAILABLE TO ENGINEER OF RECORD.

2. CONDITION OF EXISTING SLABS ARE BASED ON LIMITED FIELD OBSERVATIONS (12TH AND 24TH FLOORS), SLAG BLOCK SLABS.

4. TOP OF EXISTING STEEL ELEVATION TO BE (-4 ½") BELOW TOP OF SLAB ELEVATION, TYP

7. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL UNIT LOCATIONS

8. REFER TO S-500 SERIES DRAWINGS FOR TYPICAL DETAIL S, INCLUDING SLAB REPAIR DETAILS

9. SEE S-002 FOR LEGEND

LEVEL 30 FRAMING PLAN

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LEVEL 38 FRAMING PLAN

LEVEL 38 STEEL - TOWER

1. All existing framing shown is based on limited field observations and various existing drawings.

2. Scope Notes:
   - Assumptions within scope notes are based on those observations.
   - Reinforcing.
   - Any opening without steel shown should allow for 0.25 tons of steel for reinforcing.

3. All elevations noted are relative to NAVD88. Refer to architectural drawings for survey origin.

4. Top of existing steel elevation to be (-4 ½") below top of slab elevation, typ.

5. Refer to S-500 series drawings for typical details, including slab repair details.

6. Mechanical, electrical and plumbing hangars for ductwork and pipes to be suspended from draped mesh slabs, however pull testing of anchors for each opening without steel shown should allow for 0.25 tons of steel for reinforcing.
LEVEL 40 - STEEL - TOWER

SCOPE NOTES:
PLUMBING CHASES HAVE NOT BEEN COORDINATED FOR LEVELS 13-43.
REINFORCING.
ANY OPENING WITHOUT STEEL SHOWN SHOULD ALLOW FOR 0.25 TONS OF STEEL FOR
LEVEL 41 FRAMING PLAN

SCOPe NOTES:

ASSUMPTIONS WITHIN SCOPE NOTES ARE BASED ON THOSE OBSERVATIONS

SERIES FOR ANCHORAGE DETAILS AND SUGGESTED PULL-TESTING REGIMEN FOR BOTH DRAPED MESH AND EXISTING SLAG BLOCK SLAB ZONES ALLOWED, BUT MUST BE REVIEWED BY EOR. SEE TYPICAL DETAILS S-500.

HANGERS CAN BE SUSPENDED FROM DRAPED MESH SLABS, HOWEVER PULL TESTING OF ANCHORS FOR EACH EXISTING STEEL BEAMS ONLY IN ZONES OF DRAPE MESH SLAB. LIGHTWEIGHT CEILING AND LIGHTING ORIGIN MADE AVAILABLE TO ENGINEER OF RECORD.

PLUMBING CHASES HAVE NOT BEEN COORDINATED FOR LEVELS 13-43.

NOTES

1. ALL EXISTING FRAMING SHOWN IS BASED ON LIMITED FIELD OBSERVATIONS AND VARIOUS EXISTING DRAWINGS

2. CONDITION OF EXISTING SLABS ARE BASED ON LIMITED FIELD OBSERVATIONS (12TH AND 24TH FLOORS),

6. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONAL INFORMATION NOT SHOWN ON PLAN

7. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL UNIT LOCATIONS

8. REFER TO S-500 SERIES DRAWINGS FOR TYPICAL DETAIL S, INCLUDING SLAB REPAIR DETAILS
Under Directive 2 of 1975

Date: 07/14/2017

Azmi Zahed-Atkins, RA

TYPICAL REINFORCING OF EXISTING STRUCTURAL STEEL BEAM WITH KIT SECTION

TYPICAL CONNECTION OF NEW BEAM TO EXISTING COLUMN

TYPICAL DETAIL NEW STEEL BEAM SUPPORTING EXISTING SLAG BLOCK SLAB

TYPICAL CONNECTION OF NEW BEAM TO EXISTING ENVELOPE

TYPICAL DETAIL NEW SLAB AND DECK TO EXISTING BEAM

TYPICAL BEAM DRYPACKED BELOW EXISTING DRAIN MESH SLAB AT NEW OPENING

TYPICAL UNREINFORCED SLAG BLOCK SLAB DETAIL

TYPICAL DETAIL NEW OPENING(S) IN DRAINED MESH SLAB FOR SINGLE AND MULTIPLE OPENINGS WITH LENGTH AND OR WIDTH GREATER THAN 1'-6"
TYPICAL RAISED SLAB

TYPICAL RAISED SLAB WITH RAMP

TYPICAL RAISED SLAB AT STAIR

TYPICAL ELEVATOR PIT

TYPICAL ELEVATOR SUMP-PIT

TYPICAL BEAM BEARING ON EXISTING WALL

TYPICAL DETAIL NEW CONCRETE CURB ON EXISTING SLAB BLOCK OR DRAPED MESH SLAB

TYPICAL REINFORCING FOR NON-LOAD BEARING MASONRY WALLS

TYPICAL DETAIL - NEW CONCRETE CURB ON EXISTING SLAB BLOCK OR DRAPED MESH SLAB
3/4" = 1'-0" BEVEL ALL EDGES OF EXISTING SLAB, WIRE MESH TYPICAL INFILL OF EXISTING PENETRATIONS AND NEW PARTIAL PENETRATIONS

1. DETAIL SHOWN IS TYPICAL AT NEW SLAB OPENINGS IN EXISTING CONCRETE SLAB FOR NEW

2. CONTRACTOR SHALL USE HAND TOOLS FOR SLAB PREPARATION.

2. PROVIDE INTENDED ANCHOR LAYOUT AND LOADS TO EOR FOR REVIEW PRIOR TO COMMENCING ANY WORK.

A. THE FOLLOWING TWO ANCHOR TYPES ARE TO BE TESTING FOR ANCHORAGE INTO SLACK BLOCK: HILTI HAS-E ROD (3/8"

B. ENSURE PROPER EMBEDMENT DEPTH OF ANCHOR BY LOCALLY REMOVING PLASTER AND OTHER FINISHES ON UNDERSIDE OF BLOCK SLABS AS MUCH AS POSSIBLE. PROVIDE INTENDED ANCHOR LAYOUT AND LOADS TO EOR FOR REVIEW PRIOR TO COMMENCING ANY WORK.

C. TEST ANCHORS TO 750 LBS TO PROVIDE ALLOWABLE ANCHOR LOAD OF 150 LBS.

LOCATE TEST ANCHORS IN MATERIAL SIMILAR TO THAT OF THE FINAL ANCHOR LOCATIONS.

1. MECHANICAL PIPES AND DUCTWORK TO BE HUNG FROM BOTTOM FLANGE OF EXISTING STEEL BEAMS ONLY. DETAIL ABOVE TO BE USED.

NOTES:

1. WHEN BEVELING EDGES OF EXISTING OPENINGS, CONTRACTOR SHALL TAKE CONCRETE.

2. CONTRACTOR SHALL USE HAND TOOLS FOR SLAB PREPARATION.

3. EACH NEW SLAB OPENING TO BE REVIEWED BY THE EOR. MAX OPENING SIZE AT NORED

4. PRIOR TO START OF CONSTRUCTION, PERFORM PULL TESTS IN THE EXISTING DRAPE MESH SLAB IN THE CEILING OF THE FOLLOWING FLOORS FOR

5. SERVICE LOAD INFORMATION FOR ANCHORS TO BE USED TO HANG MEP, LIGHTING AND CEILING CONSTRUCTION PER REGIMEN
NOTES:

1. FIREPROOFING; SEE ARCH.

2. MIN. 2" SLAB OVERHANG (U.N.O.)

3. 3/4" CLEAR TO W BEAM FLANGE.

4. TYPICAL STEP IN SLAB ON METAL DECK

5. TYPICAL COMPOSITE BEAMS SHEAR STUD CONNECTORS

6. SPANNING FOR DECK PENETRATION SEE MEP DRAWINGS

7. DOUBLE ANGLES

8. L4x4x5/16

9. L3x3x1/4 MIN.

10. L4x4x5/16

11. SEE ARCH'L DWGS.

12. METAL DECK

13. CONTACT WALLS.

14. CMU WALLS ONLY

15. EXTERIOR

16. #4 CONT. WHERE TOP BARS ARE REQ'D

17. #4 BAR CONT.

18. #4 @ 12" O.C. TOP BARS.

19. #4 @ 16" O.C. AT EXTERIOR

20. TOP BARS NOT REQ'D

21. POUR STOP BY DECK

22. 20

23. 10

24. 14

25. 6

26. SEE ARCH'L DWGS.

27. FOR OPENINGS UP TO 13" PERPENDICULAR TO DECK

28. FOR OPENINGS UP TO 2'-0" PERPENDICULAR TO DECK

29. NO REINF. REQUIRED WHERE "L" IS 2" OR LESS IN DIRECTION PERPENDICULAR TO DECK.

30. MEPF & SITE CIVIL ENGINEER

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33. 47 OF 87

34. PAGE NUMBER

35. ARCHITECT

36. STRUCTURAL ENGINEER

37. LOGISTICS CONSULTANT

38. EXTERIOR WALL CONSULTANT

39. MEP & SITE CIVIL ENGINEER

40. SHIELD INC.

41. STAITE CONSTRUCTION, INC.

42. ASCOR INC.

43. PETER HILL & ASSOCIATES

44. SRM ENGINEERING, P.C.

45. STANTEC INC.

46. SILMAN

47. WPM ENGINEERING, P.C.

48. LERCH BATES INC. 
CONTRACTOR SHALL ADHERE TO ANY REQUIREMENTS REGARDING NOISE, DUST-CONTROL, SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DEMOLITION DRAWINGS FOR ALL OWNER FOR RECORD AND TO THE DOB FOR PERMIT, AS REQUIRED.
Under Directive 2 of 1975
Date:
Azmi Zahed-Atkins, RA
07/14/2017

OTHER DEMOLITION SCOPE NOT NOTED IN STRUCTURAL DEMOLITION DRAWINGS
OWNER FOR RECORD AND TO THE DOB FOR PERMIT, AS REQUIRED

LEVEL 14 STEEL - PART A

LEVEL 14 DEMO - PART PLAN A

S-735.00
LEVEL 15 STEEL - PART A

1/8" = 1'-0" S-737

Azmi Zahed-Atkins, RA
07/14/2017

APPROVED
Under Directive 2 of 1975

TRAFFIC, PARKING, AND LOADING

JURISDICTION
CONTRACTOR SHALL ADHERE TO ANY REQUIREMENTS REGARDING NOISE, DUST-CONTROL,
STRUCTURAL FRAMING NOTED IS BASED ON EXISTING DOCUMENTATION AND LIMITED FIELD
TEMPORARY SHORING AND BRACING (AS REQUIRED), SEQUENCING, AND ALL OTHER NECESSARY
YORK TO PREPARE SPECIFIC MEANS AND METHODS DRAWINGS THAT INDICATE SITE LOGISTICS,
STRUCTURAL STEEL DEMOLITION NOTES

CONTRACTOR SHALL ADHERE TO ANY REQUIREMENTS REGARDING NOISE, DUST-CONTROL, INFORMATION TO COMPLETE THE WORK NOTED. THESE DRAWINGS SHALL BE SUBMITTED TO THE
4. OTHER DEMOLITION SCOPE NOT NOTED IN STRUCTURAL DEMOLITION DRAWINGS

STRUCTURAL FRAMING NOTED IS BASED ON EXISTING DOCUMENTATION AND LIMITED FIELD OWNER FOR RECORD AND TO THE DOB FOR PERMIT, AS REQUIRED INFORMATION TO COMPLETE THE WORK NOTED. THESE DRAWINGS SHALL BE SUBMITTED TO THE TEMPORARY SHORING AND BRACING (AS REQUIRED), SEQUENCING, AND ALL OTHER NECESSARY THE CONTRACTOR SHALL RETAIN A PROFESSIONAL ENGINEER (PE) LICENSED IN THE STATE OF NEW YORK, NY 10022 Kroll Inc.

WALDORF ASTORIA
301 Park Ave.
New York, NY 10022

SOM
Skidmore, Owings & Merrill LLP

OWNER
ANBANG GROUP

MEPF & SITE CIVIL ENGINEER
Skidmore, Owings & Merrill LLP

LOGISTICS CONSULTANT

CODE CONSULTING

VERITCAL TRANSPORTATION

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Under Directive 2 of 1975
Date:
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07/14/2017

PAGE NUMBER
59 OF 87

B-SCAN - DRAWING NUMBER

LEVEL 17 DEMO - PART PLAN B

LEVEL 17 STEEL - PART B

S-742.00
STRUCTURAL STEEL DEMOLITION NOTES

PEDESTRIAN PROTECTION AND SIDEWALK ACCESS STIPULATED BY THE DOB OR ANY ENTITY HAVING OTHER DEMOLITION SCOPE NOT NOTED IN STRUCTURAL DEMOLITION DRAWINGS

OBSERVATIONS, CONTRACTOR TO VERIFY IN FIELD EXISTING CONDITIONS PRIOR TO ANY DEMOLITION OWNER FOR RECORD AND TO THE DOB FOR PERMIT, AS REQUIRED

INFORMATION TO COMPLETE THE WORK NOTED. THESE DRAWINGS SHALL BE SUBMITTED TO THE TEMPORARY SHORING AND BRACING (AS REQUIRED), SEQUENCING, AND ALL OTHER NECESSARY

YORK TO PREPARE SPECIFIC MEANS AND METHODS DRAWINGS THAT INDICATE SITE LOGISTICS,

THE CONTRACTOR SHALL RETAIN A PROFESSIONAL ENGINEER (PE) LICENSED IN THE STATE OF NEW YORK.
OBSERVATIONS, CONTRACTOR TO VERIFY IN FIELD EXISTING CONDITIONS PRIOR TO ANY DEMOLITION.

THE CONTRACTOR SHALL RETAIN A PROFESSIONAL ENGINEER (PE) LICENSED IN THE STATE OF NEW YORK, NY 10022.

LEVEL 20 DEMO - PART A

S-747.00
Under Directive 2 of 1975
Date: 07/14/2017
Azmi Zahed-Atkins, RA

121191245

ES074189077

### LEVEL 20 DEMO - PART PLAN B

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LEVEL 22 STEEL - TOWER

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1. PEDESTRIAN PROTECTION AND SIDEWALK ACCESS STIPULATED BY THE DOB OR ANY ENTITY HAVING OTHER DEMOLITION SCOPE NOT NOTED IN STRUCTURAL DEMOLITION DRAWINGS

2. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DEMOLITION DRAWINGS FOR ALL OBSERVATIONS, CONTRACTOR TO VERIFY IN FIELD EXISTING CONDITIONS PRIOR TO ANY DEMOLITION

3. STRUCTURAL FRAMING NOTED IS BASED ON EXISTING DOCUMENTATION AND LIMITED FIELD OWNER FOR RECORD AND TO THE DOB FOR PERMIT, AS REQUIRED

4. TEMPORARY SHORING AND BRACING (AS REQUIRED), SEQUENCING, AND ALL OTHER NECESSARY

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Under Directive 2 of 1975
Date:
Azmi Zahed-Atkins, RA
07/14/2017

ES876838442
STRUCTURAL STEEL DEMOLITION NOTES

JURISDICTION
OTHER DEMOLITION SCOPE NOT NOTED IN STRUCTURAL DEMOLITION DRAWINGS
SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DEMOLITION DRAWINGS FOR ALL STRUCTURAL FRAMING NOTED IS BASED ON EXISTING DOCUMENTATION AND LIMITED FIELD INFORMATION TO COMPLETE THE WORK NOTED. THESE DRAWINGS SHALL BE SUBMITTED TO THE YORK TO PREPARE SPECIFIC MEANS AND METHODS DRAWINGS THAT INDICATE SITE LOGISTICS, TRAFFIC, PARKING, AND LOADING.
LEVEL 25 STEEL - TOWER
LEVEL 26 STEEL - TOWER

STRUCTURAL STEEL DEMOLITION NOTES

JURISDICTION

PEDESTRIAN PROTECTION AND SIDEWALK ACCESS STIPULATED BY THE DOB OR ANY ENTITY HAVING

CONTRACTOR SHALL ADHERE TO ANY REQUIREMENTS REGARDING NOISE, DUST-CONTROL,

OTHER DEMOLITION SCOPE NOT NOTED IN STRUCTURAL DEMOLITION DRAWINGS

OBSERVATIONS, CONTRACTOR TO VERIFY IN FIELD EXISTING CONDITIONS PRIOR TO ANY DEMOLITION

OWNER FOR RECORD AND TO THE DOB FOR PERMIT, AS REQUIRED

INFORMATION TO COMPLETE THE WORK NOTED. THESE DRAWINGS SHALL BE SUBMITTED TO THE

YORK TO PREPARE SPECIFIC MEANS AND METHODS DRAWINGS THAT INDICATE SITE LOGISTICS,

THE CONTRACTOR SHALL RETAIN A PROFESSIONAL ENGINEER (PE) LICENSED IN THE STATE OF NEW
STRUCTURAL STEEL DEMOLITION NOTES

CONTRACTOR SHALL ADHERE TO ANY REQUIREMENTS REGARDING NOISE, DUST-CONTROL, OBSERVATIONS. CONTRACTOR TO VERIFY IN FIELD EXISTING CONDITIONS PRIOR TO ANY DEMOLITION.

STRUCTURAL FRAMING NOTED IS BASED ON EXISTING DOCUMENTATION AND LIMITED FIELD INFORMATION TO COMPLETE THE WORK NOTED. THESE DRAWINGS SHALL BE SUBMITTED TO THE OWNER FOR RECORD AND TO THE DOB FOR PERMIT, AS REQUIRED.

INFORMATION TO COMPLETE THE WORK NOTED. THESE DRAWINGS SHALL BE SUBMITTED TO THE V.I.F. TO PREPARE SPECIFIC MEANS AND METHODS DRAWINGS THAT INDICATE SITE LOGISTICS.

THE CONTRACTOR SHALL RETAIN A PROFESSIONAL ENGINEER (PE) LICENSED IN THE STATE OF NEW YORK TO PREPARE SPECIFIC MEANS AND METHODS DRAWINGS THAT INDICATE SITE LOGISTICS.
Date: 07/14/2017
Azmi Zahed-Atkins, RA

Under Directive 2 of 1975

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LEVEL 31 STEEL - TOWER

LEVELS 31

- Traffic, Parking, and Loading
- Logistics Consultant

OWNER: Anbang Group

ANBANG GROUP, 76 OF 87
OWNER

STRUCTURAL ENGINEER: Stantec Inc.

TRAFFIC, PARKING, AND LOADING

LOGISTICS CONSULTANT: Skidmore, Owings & Merrill LLP

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LEVEL 31 DEMO PLAN

SOM

Stantec Inc.

New York, NY 10022

LEVEL 31 STEEL - TOWER

1. JURISDICTION
   CONTRACTOR SHALL ADHERE TO ANY REQUIREMENTS REGARDING NOISE, DUST-CONTROL,
   OBSERVATIONS. CONTRACTOR TO VERIFY IN FIELD EXISTING CONDITIONS PRIOR TO ANY DEMOLITION
   STRUCTURAL FRAMING NOTED IS BASED ON EXISTING DOCUMENTATION AND LIMITED FIELD
   INFORMATION TO COMPLETE THE WORK NOTED. THESE DRAWINGS SHALL BE SUBMITTED TO THE
   YORK TO PREPARE SPECIFIC MEANS AND METHODS DRAWINGS THAT INDICATE SITE LOGISTICS,
Under Directive 2 of 1975
Date:
Azmi Zahed-Atkins, RA
07/14/2017

LEVEL 30 STEEL - TOWER
LEVEL 37 STEEL - TOWER
LEVEL 39 DEMO PLAN

STRUCTURAL STEEL DEMOLITION NOTES

1. The contractor shall adhere to any requirements regarding noise, dust-control, and safety.
2. See architectural, mechanical, electrical, and plumbing demolition drawings for all observations.
3. The contractor shall verify in the field existing conditions prior to any demolition.
4. The contractor shall retain a professional engineer (PE) licensed in the state of New York.

JURISDICTION

CONTRACTOR SHALL ADHERE TO ANY REQUIREMENTS REGARDING NOISE, DUST-CONTROL, SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DEMOLITION DRAWINGS FOR ALL OBSERVATIONS, CONTRACTOR TO VERIFY IN FIELD EXISTING CONDITIONS PRIOR TO ANY DEMOLITION.

THE CONTRACTOR SHALL RETAIN A PROFESSIONAL ENGINEER (PE) LICENSED IN THE STATE OF NEW YORK.

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07/14/2017

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LEVEL 41 STEEL - TOWER