

## Page: 1

Author: dttus Subject: Polygon Date: 12/28/2012 11:38:29 AM  
Plans are not complete, in that a full set of structural plans are not provided to facilitate a timely review and approval.

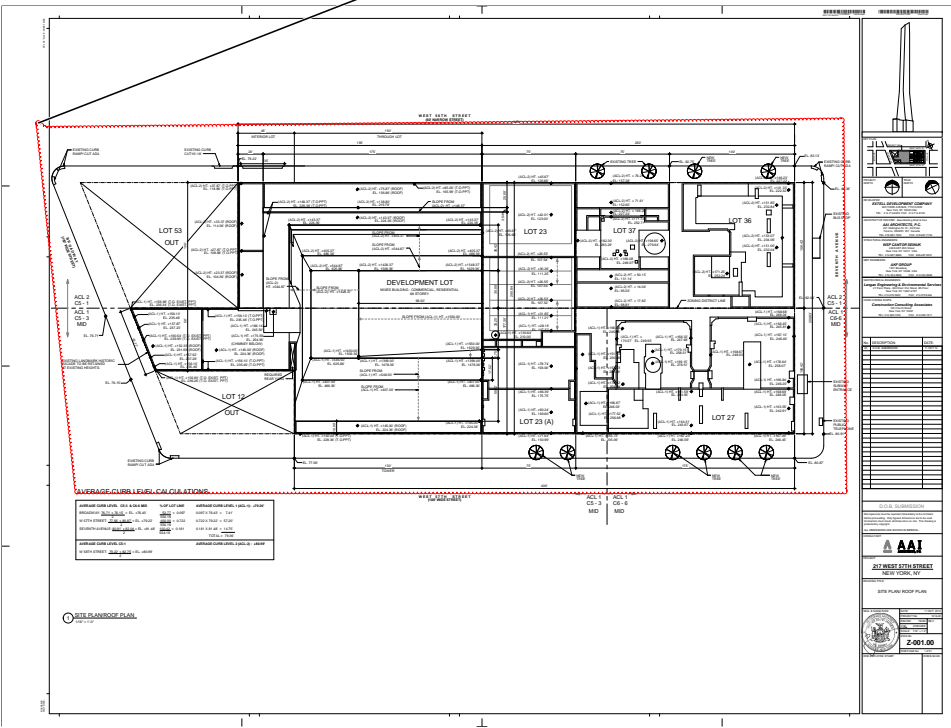
VOLUME 2 OF 2 - ZONING

[illegible]

03-11-13

Verify compliance with street tree planting for the entire zoning lot street frontage as per ZR 33-03. Provide ST-1

03-11-13



open

BC 3301  
BC 3306 Provide Demolition application

Builder's pavement plan filing.

[illegible]

Fifteen square feet is required per bicycle parking space; commissioner approval is required if submission of a more efficient layout is provided.  
(Please indicate in Schedule "A" square-footage with total bicycle parking provided)

Provide HPD letter. Indicate compliance with inclusionary floor area calculations on zoning floor area schedule to identify compliance with HPD inclusionary housing letter.

11-13-13

Page: 4

Author: dtitus Subject: Polygon Date: 1/4/2013 10:55:14 AM

Provide records to verify proof of existing conditions shown on plans provided, approved drawings of existing building floor area zoning calculation to ensure that the proposed zoning analysis does not exceed the maximum permitted

Author: dtitus Subject: Polygon Date: 1/8/2013 10:11:11 AM

Verification of existing mechanical deductions is required. Sufficient proof must be provided for entire the deducted floor area. (Dimensions) and provide layout of heavy equipment for each floor in consideration to qualify for deductions.

ZRD1 J.W 11-13-13

FLOOR AREA SCHEDULE

Zone	Area	Volume	Notes
...	...	...	...

EXISTING BUILDING FLOOR AREA SCHEDULE

Zone	Area	Volume	Notes
...	...	...	...

NOTE: RESIDENTIAL FLOOR AREA UP TO 10 F.A.R. MAY BE LOCATED IN EITHER ZONE WITHOUT RESTRICTION





Author: dtitus Subject: Polygon Date: 1/8/2013 9:47:42 AM

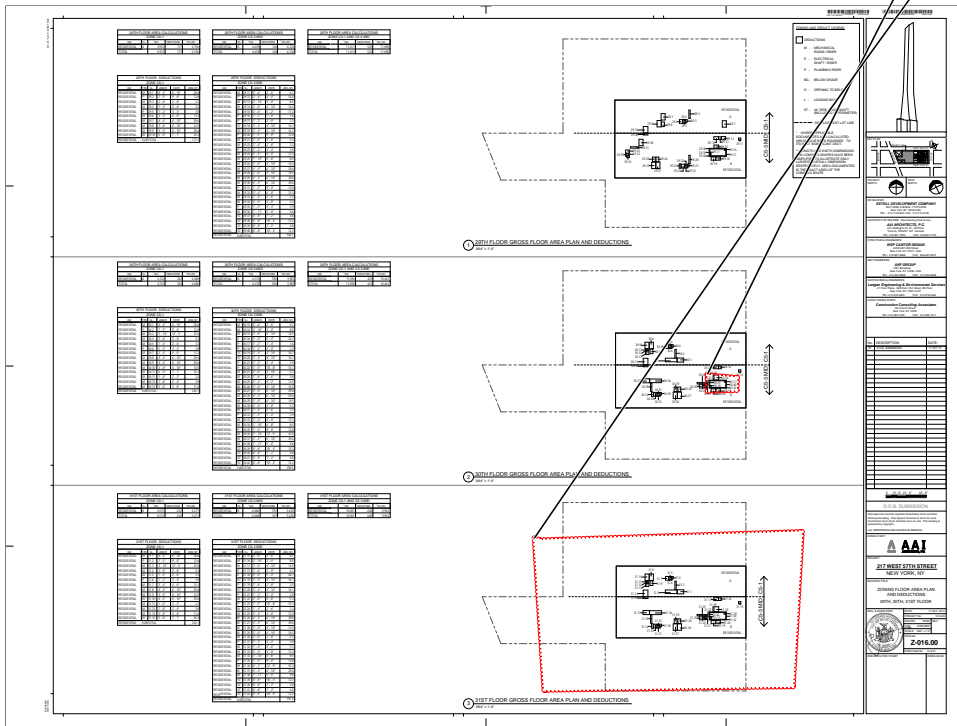
Please clarify deductions taken within stair inclosure. **TYP all floors**  
8" for the stair perimeter, not sure what the additional 60+ sq. ft. is for per floor. ARCH/MH dwgs does not indicate any shaft enclosures within stair.

04-16-13

Author: dtitus Subject: Polygon Date: 1/8/2013 9:35:03 AM

Mech. plan was not provided for this floor. 31st FL.

03-11-13



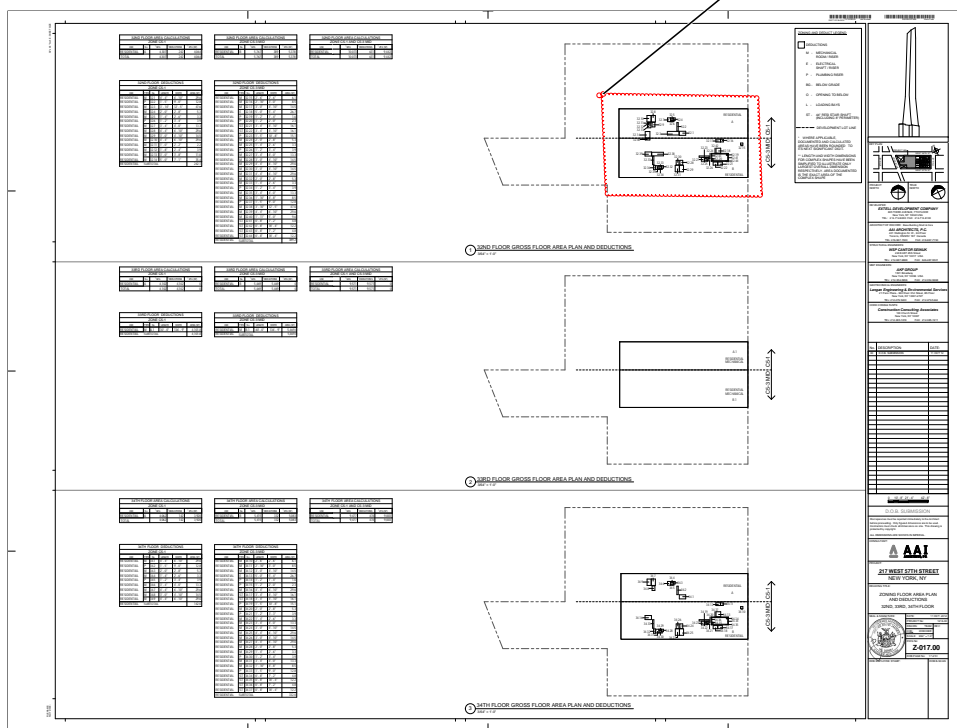
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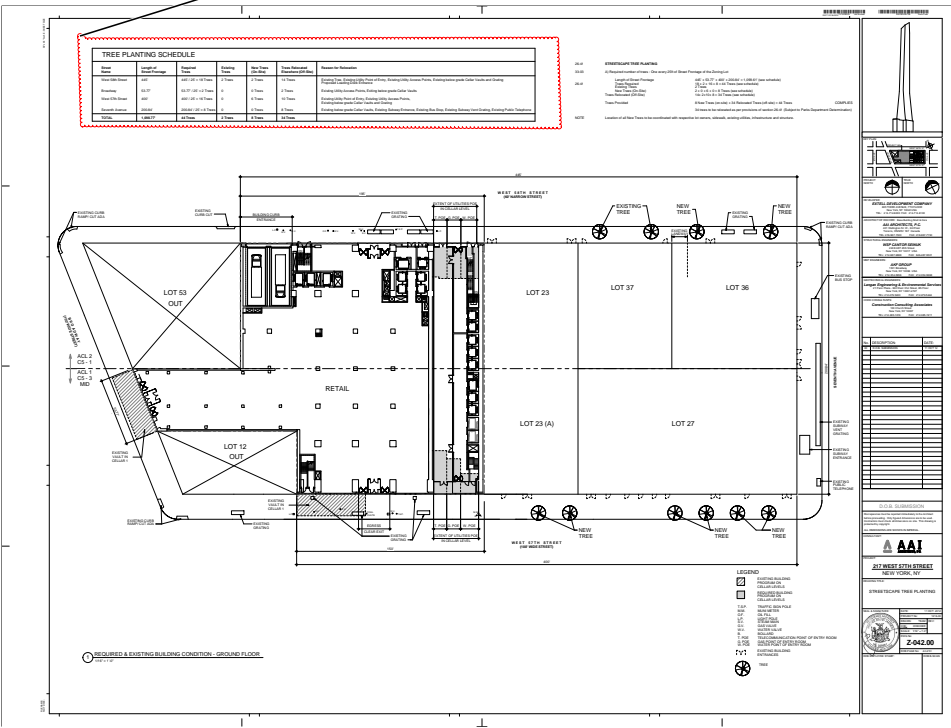
Subject: Polygon Date: 1/8/2013

was not provided for this floor. 32nd FL.

04-16-13



04-03-13



# Summary of Comments on P:\Projects\1216-00\BIM\Revit\Families\TITLEBLOCKS\EXTELL Proposal\_atwalj.pdf

Page: 2

Author: dtitus Subject: Polygon Date: 1/7/2013 9:14:54 AM  
Compliance with Appendix G – flood hazard zone requirements. **Flood zone:** verify in zoning analysis (provide FEMA map) and state that building is not in flood zone. If in flood zone, habitable space must be above the elevation of the flood plain and other space below flood elevation must be flood proofed. Also, provide note on sch. regarding flood zone in accordance with Appendix G (Feb. 20, 2004). (provide map on dwg. to verify compliance) 04-03-13

BC 1801  
BC 1805 Verify and provide compliance for foundation plans. 04-03-13

Provide structural dwg's. Provide structural, foundation, excavation and earthwork plans (BC 106.7, BC 106.8). 04-03-13

TR-1 for underpinning, sheeting and shoring with details as per BC 1704.9.1 & 1704.19 04-16-13

Provide note: notification to DOB 24-48 hours prior to commencement of earthwork as per BC 3304.3.1. 04-03-13

BC 104  
BC 1701 TR-1 for special /controlled/progress inspections: a) concrete, b) concrete test pits & c) concrete test cylinders

Comply with TPPN 10/88 to avoid damage to historic landmark structures adjacent building (check all buildings within a 98' radius to find out if compliance is needed). Indicate on drawings to verify if compliance with TPPN 10/88 is needed. 04-16-13

Author: dtitus Subject: Polygon Date: 1/4/2013 10:49:54 AM

BC F101 Rodent –proofing; indicate compliance with rodent –proofing requirements for design and construction 04-03-13

Author: dtitus Subject: Polygon Date: 1/7/2013 9:04:50 AM

NYC ENERGY CODE 2011  
BC 1301 Provide data sheet and state on plans, full compliance with NYC energy code.

List all progress inspections for energy code compliance on drawing.

Supporting documentation: building wall sections fail to detail insulation as continuous and/or cavity insulation to match the location and R value in the energy analysis.

Supporting documentation: door, window and skylight schedules fail to provide columns for u values for each exterior door, window and skylight type. If door, window and skylight types are drawn instead, with specifications included next to the respective drawing, u and SHGC values must appear with the other performance specifications for clarity and ease of contractor take-offs.

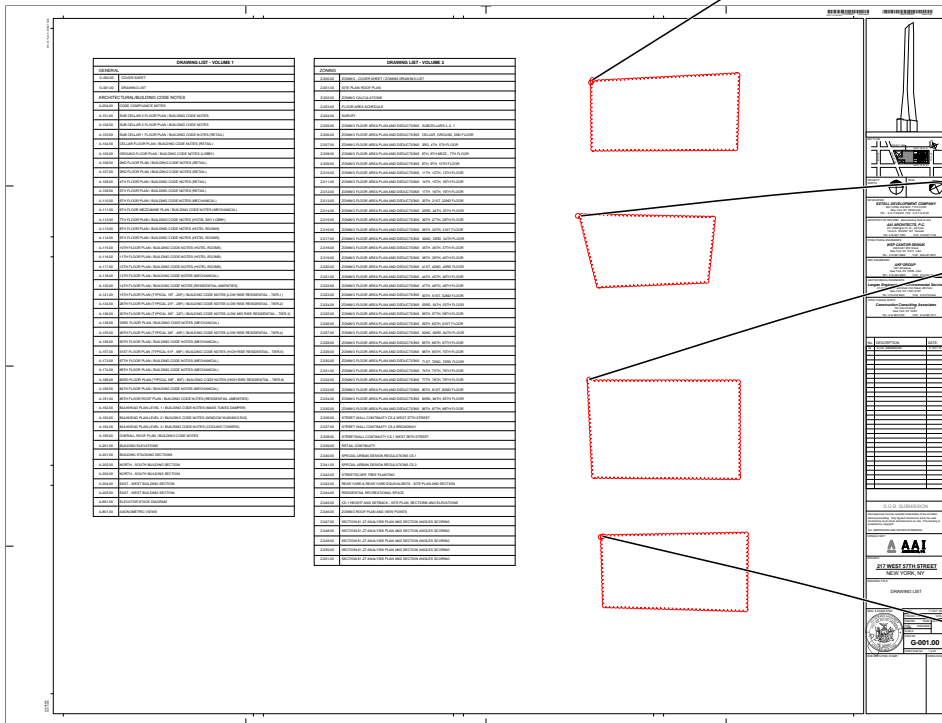
Supporting documentation: heating and cooling systems, including controls, are not provided such that they match the systems, equipment and performance criteria in the energy analysis.

Supporting documentation: plans fail to include reflected ceiling plans or lighting layouts on floor plans with fixture types and quantities, lamp wattages and quantities, space areas, sensors and controls to match those in the energy analysis for each room in the building.

Supporting Documentation: Building wall sections fail to label insulation at the roof/ceiling, wall and/or at the foundation, slab-on grade, basement or cellar with R values matching those in the Energy Analysis.

Author: dtitus Subject: Polygon Date: 1/7/2013 10:07:19 AM

Indicate on drawings fire ratings for all proposed partitions /interior sections and details for verification purposes construction. Indicate construction materials and fire rating of construction elements of building to verify compliance with requirements of Table 601 class I-B structure.





BC 1213  
BC 1207.3.1  
BC 707.13

BC 903.2.10 Trash compactor is required for building which contains more than 12 units.

- Indicate trash compactor size, dimensions, & location.
- indicate clearance around trash compactor
  - Indicate sprinkler locations in the trash compactor room.
  - indicate ventilation to fresh air at trash compactor room
  - provide floor drain at trash compactor room
  - Indicate a minimum, 3 hr fire rated enclosure (walls) at trash compactor room i, including 1 1/2hr FPSC rated door.
  - indicate construction details and materials at trash compactor room
  - Indicate sound transmission class (stc) ratings for all trash compactor walls and trash chute walls and disposal; room walls.

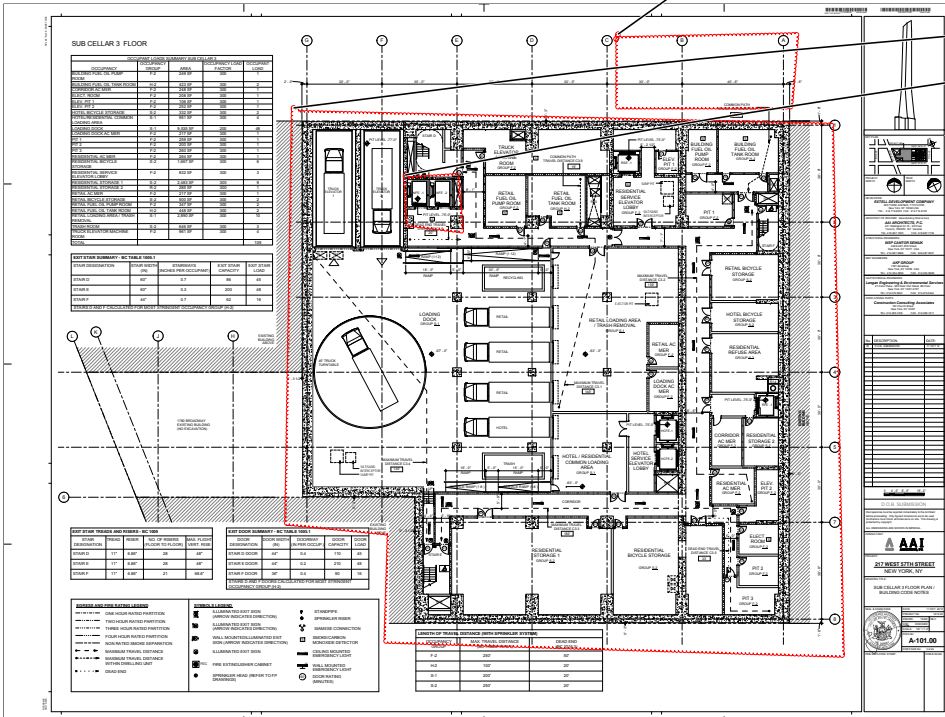
open

Author: dtitus Subject: Polygon Date: 1/7/2013 10:09:39 AM  
Verify compliance for underground building as per BC 405

04-03-13

Author: dtitus Subject: Polygon Date: 1/7/2013 10:11:28 AM  
BC 405.4.3 Elevators. Verify compliance.

04-03-13



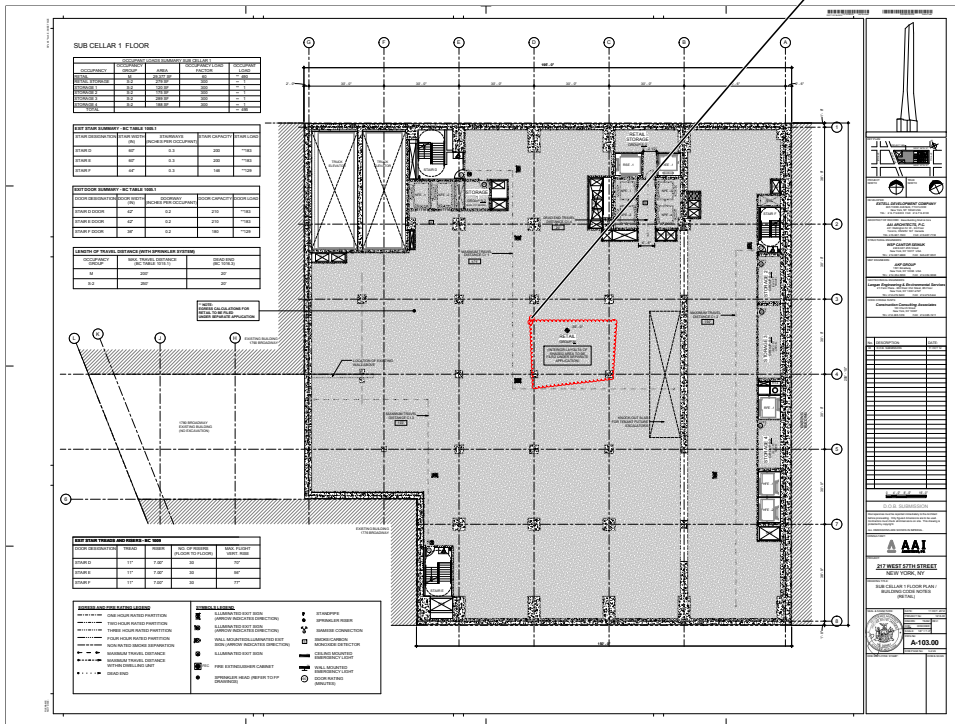
All nonresidential facilities to comply with BC 1109.

Water closets

Lavatories

Show all grab-bars including vertical

Required clearance around the water closet to comply with ICC/ANSI 2003 604.3





Author: dtitus Subject: Polygon Date: 1/7/2013 10:14:55 AM

TABLE 403.1 Provide table for plumbing fixtures to comply with table. 403.1. Provide calculations within each space, etc. and show layout to verify compliance to BC 1101.2; ICC/ANSI A117.1-2003

04-03-13

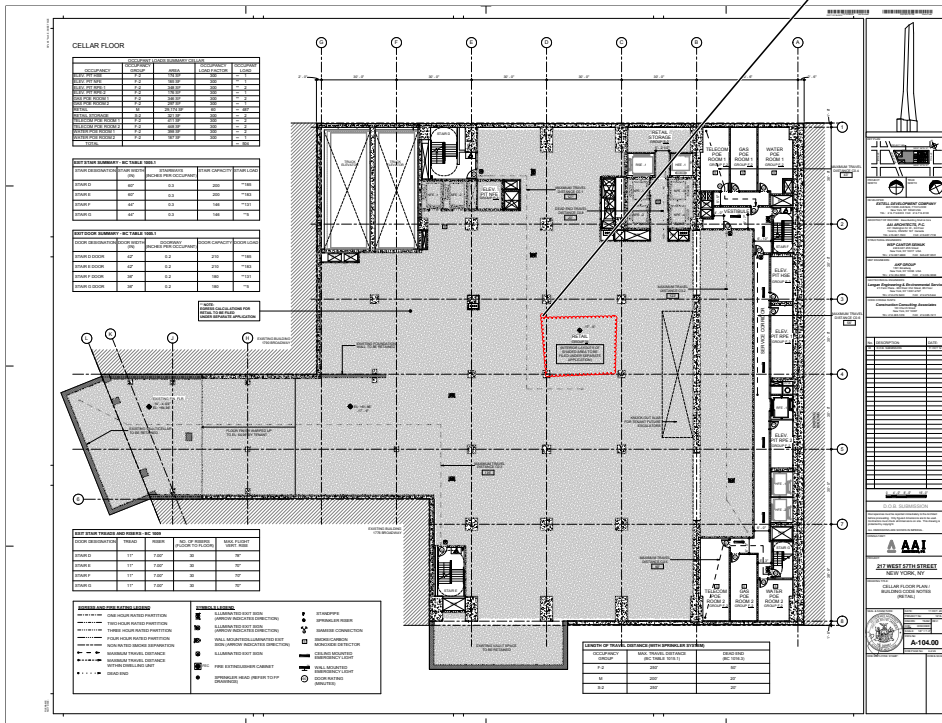
All nonresidential facilities to comply with BC 1109.

### Water closets

Lavatories

Show all grab-bars including vertical

Required clearance around the water closet ~~to~~ comply with ICC/ANSI 2003 604.3



Author: dtitus Subject: Polygon Date: 1/2/2013 12:52:48 PM  
Provide curb cut details with plans and sections. **filed**

Provide curb cut details with plans and sections.

2/2013,12:52:48 PM  
filed under sep appl. 04-03-13

open

Location of proposed curb cut is contrary to section BC 406.7.6 (3). This is not a corner lot and a minimum separation of 8'-0" is required from side lot line.

Author: dtitus Subject: Polygon Date: 1/7/2013 10:14:43 AM

TABLE 403.1 Provide table for plumbing fixtures to comply with table 403.1. Provide calculations within each space, etc. and show layout to verify compliance to BC 1101.2; ICC/ANSI A117.1-2003

04-03-13

All nonresidential facilities to comply with BC 1109.

### Water closets

Lavatories

Show all grab-bars including vertical

Required clearance around the water closet to comply with ICC/ANSI 2003 604.3

04-03-13

Author: dtitus Subject: Polygon Date: 1/2/2013 12:56:20 PM

Provide note to verify compliance with BC 1008.4.1; 1008.4.2; 1008.4.3; 1008.4.4

008.4.3:1008.4.4  
04-16-13

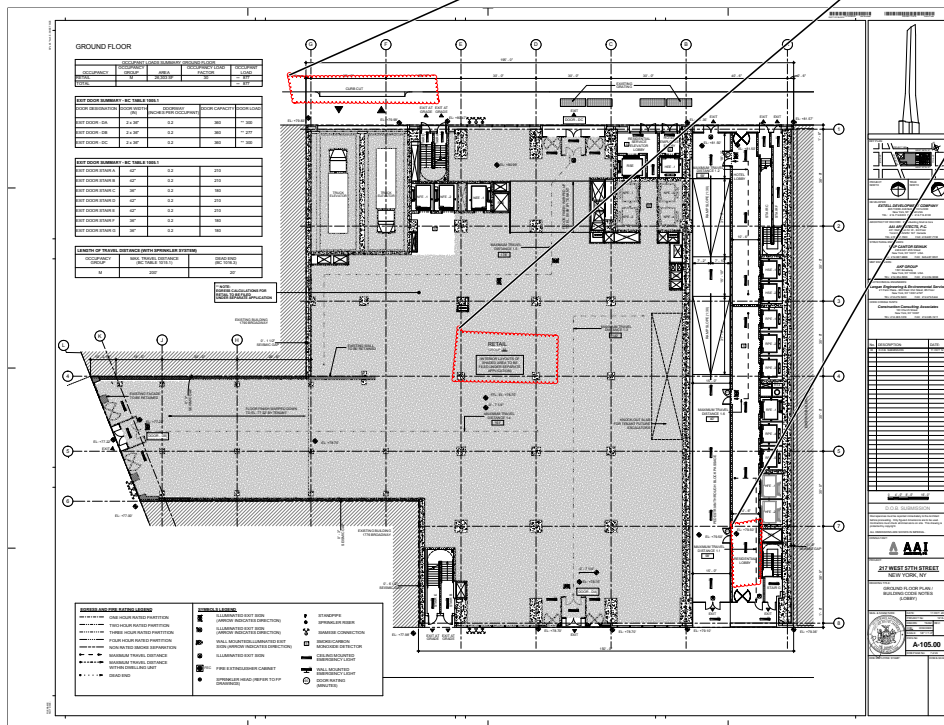




TABLE 403.1 Provide table for plumbing fixtures to comply with table. 403.1. Provide calculations within each space, etc. and show layout to verify compliance to BC 1101.2; ICC/ANSI A117.1-2003

All nonresidential facilities to comply with BC 1109.

Water closets

Lavatories

Show all grab-bars including vertical

Required clearance around the water closet to comply with ICC/ANSI 2003 604.3

open

open

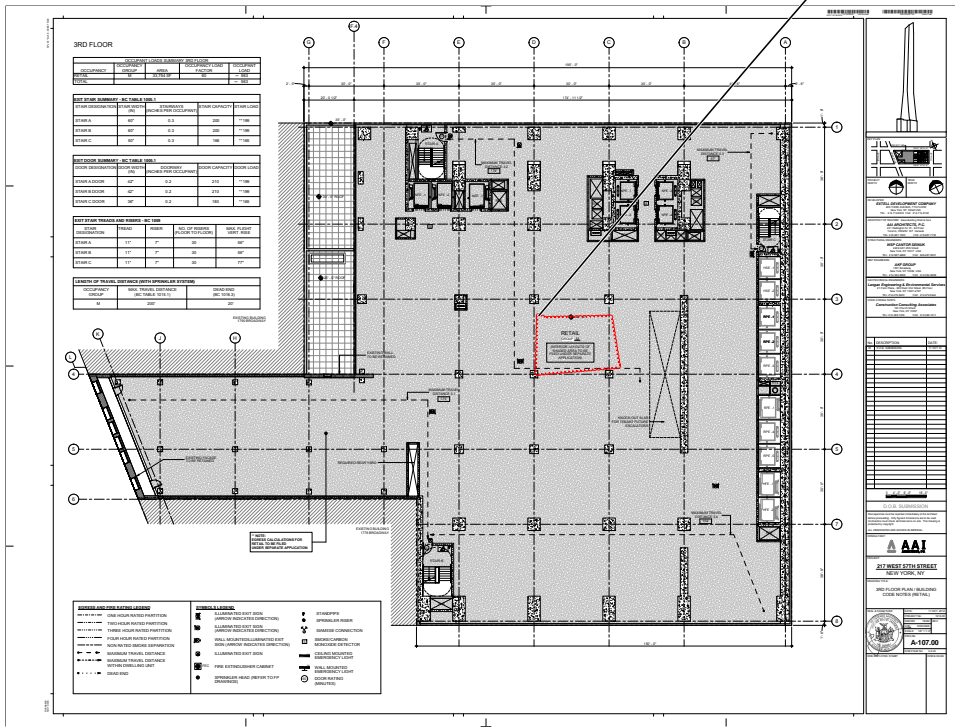


TABLE 403.1 Provide table for plumbing fixtures to comply with table 403.1. Provide calculations within each space, etc. and show layout to verify compliance to BC 1101.2; ICC/ANSI A117.1-2003

All nonresidential facilities to comply with BC 1109.

### Water closets

Lavatories

Show all grab-bars including vertical

Required clearance around the water closet to comply with ICC/ANSI 2003 604.3

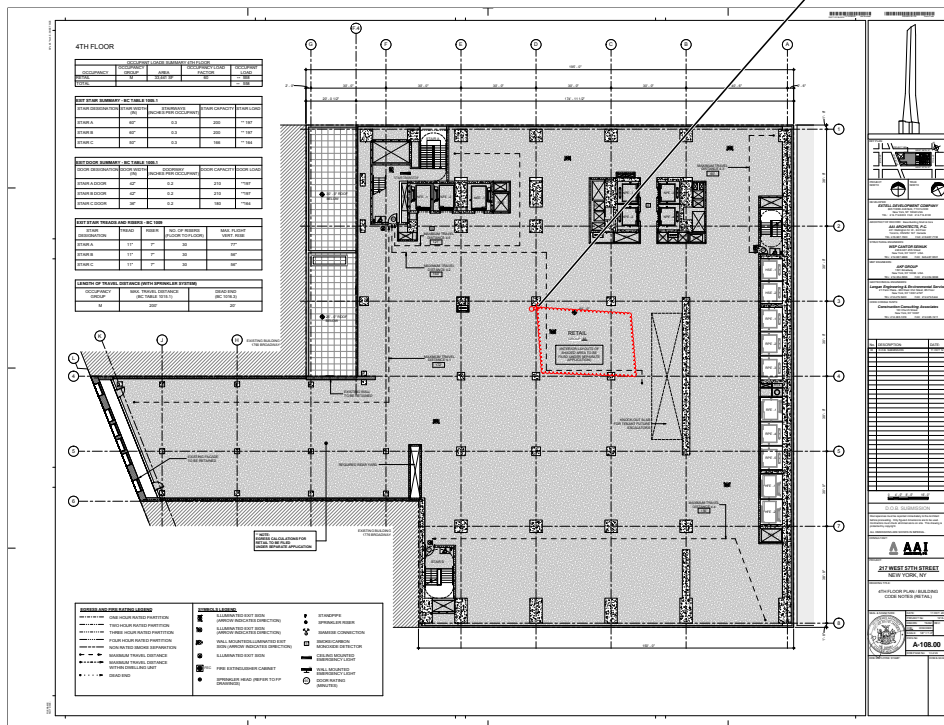




TABLE 403.1 Provide table for plumbing fixtures to comply with table 403.1. Provide calculations within each space, etc. and show layout to verify compliance to BC 1101.2; ICC/ANSI A117.1-2003

All nonresidential facilities to comply with BC 1109.

### Water closets

Lavatories  
Chow hall

Show all grab-bars including vertical

Required clearance around the water closet to comply with ICC/ANSI 2003 604.3

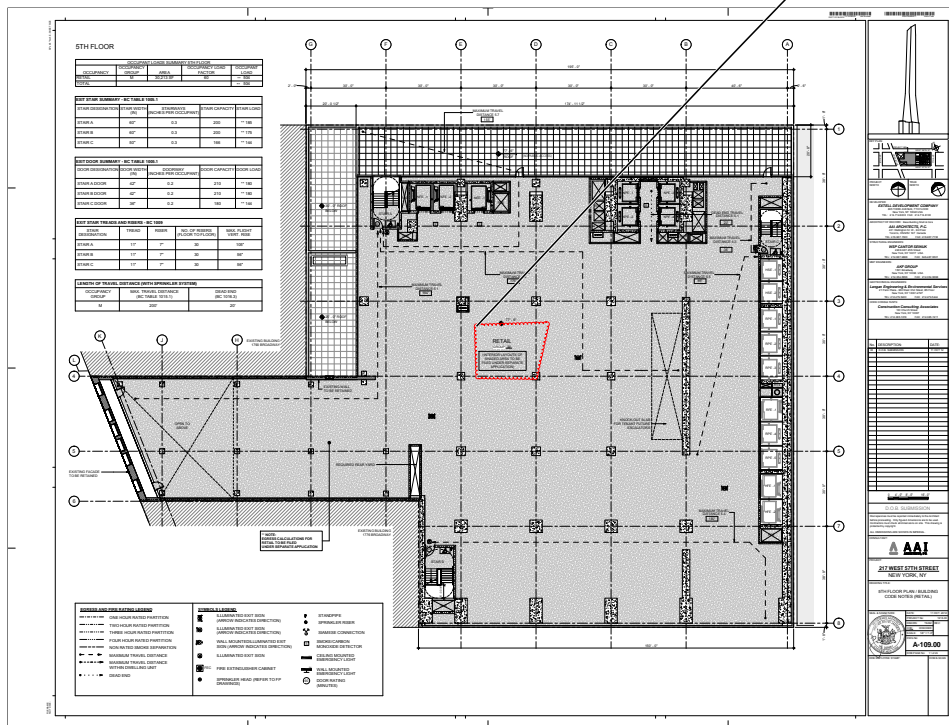


TABLE 403.1 Provide table for plumbing fixtures to comply with table. 403.1. Provide calculations within each space, etc. and show layout to verify compliance to BC 1101.2; ICC/ANSI A117.1-2003

All nonresidential facilities to comply with BC 1109.

Water closets

Lavatories

Show all grab-bars including vertical

Required clearance around the water closet to comply with ICC/ANSI 2003 604.3

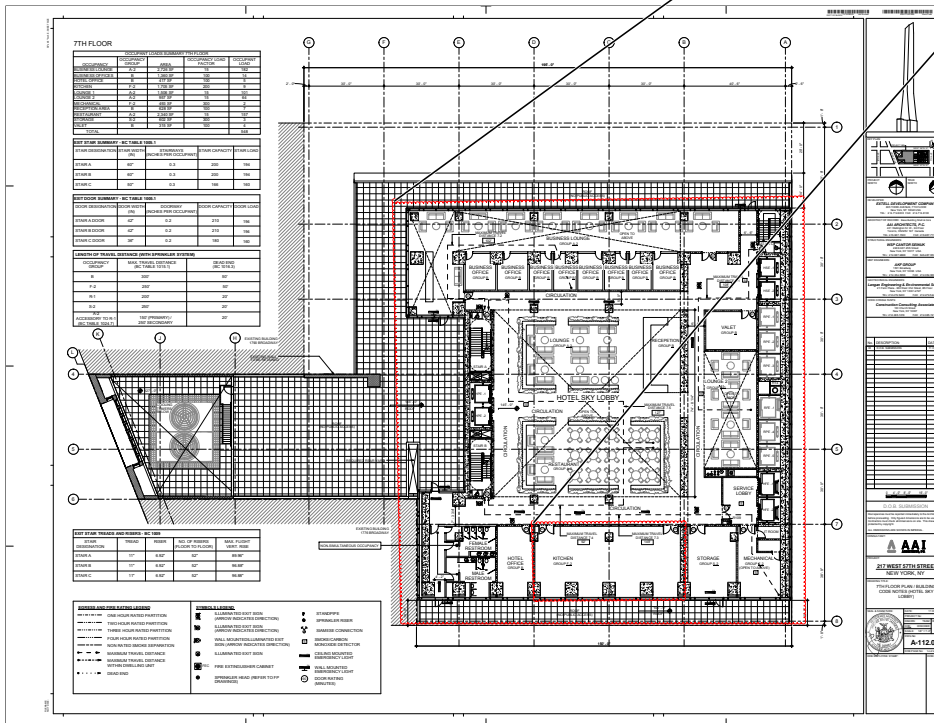
Provide exit lighting and directional signs (lighting) & (egress) as per BC 1006, BC 1011, BC 1026 (both EG and Construction plans)

04-16-13

**BC 903.2.12.2 Commercial cooking operations.** An automatic sprinkler system shall not be installed in a commercial kitchen exhaust hood and duct system. Fire extinguishing systems shall be installed in commercial cooking systems in accordance with Section 904.11.

**BC 904.2.1 Hood system suppression.** Each required commercial kitchen exhaust hood and duct system required by the *New York City Fire Code* or the *New York City Mechanical Code* to have a Type I hood shall be protected with an approved automatic fire-extinguishing system installed in accordance with this code.

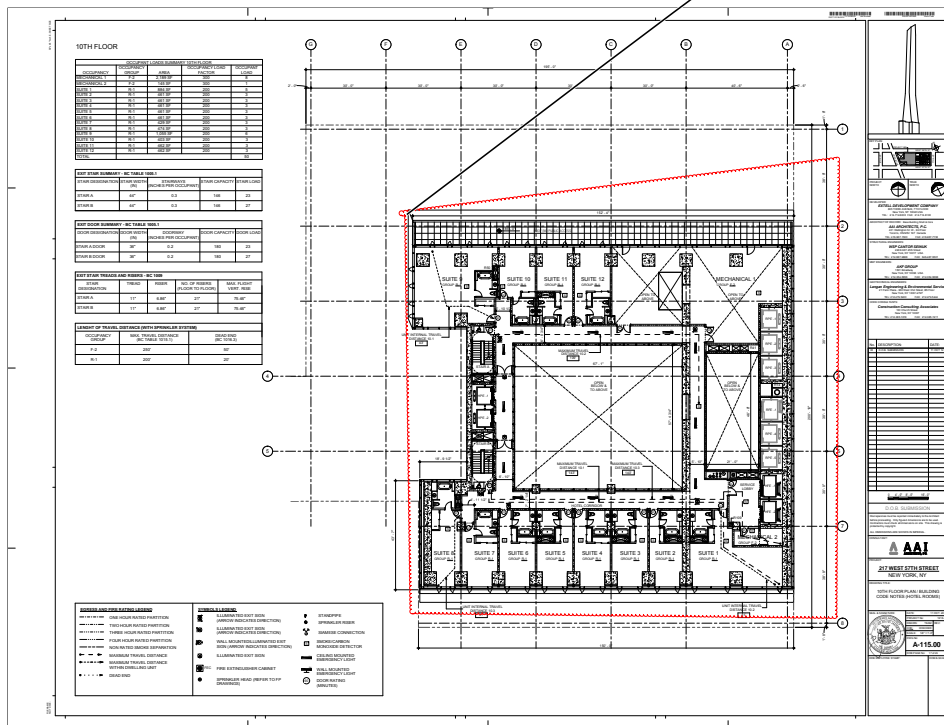
Kitchen shall also comply with MC 506, 507, and 508; PC 802.1.7 and 1003.3.1. Please verify on MH/PL plans.







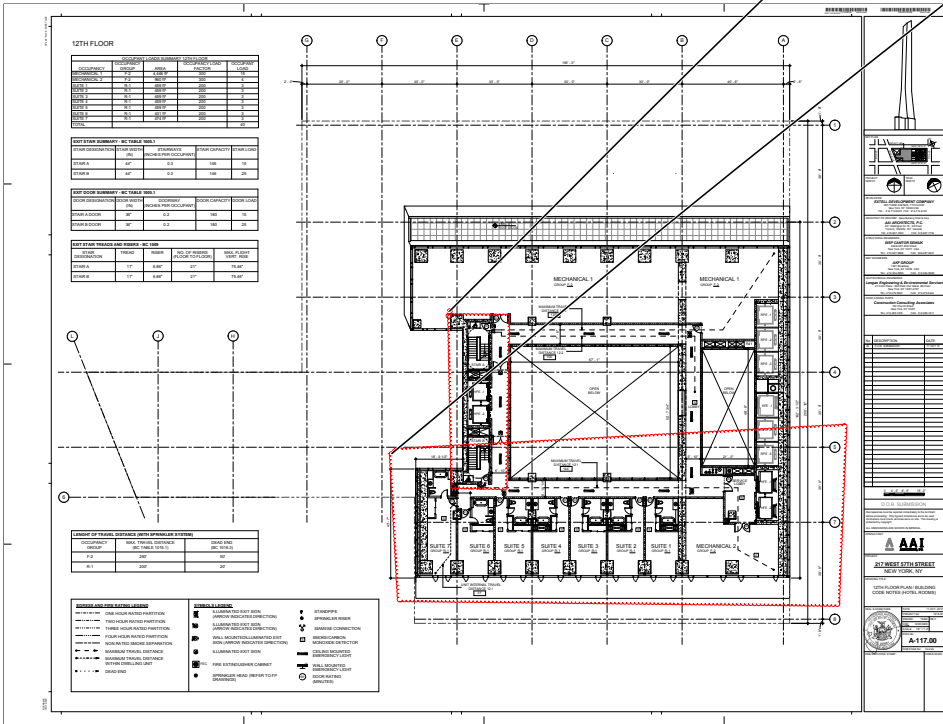
04-16-13

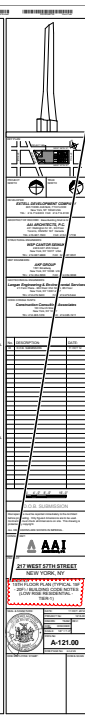


- Provide note describing stairway door operation and stairway communications system as per BC 403.12 04-16-13
- Provide note describing smoke proof exit enclosures for compliance with BC 403.13. 04-16-13
- Provide note describing impact-resistant stairs enclosures as per BC 403.15 04-16-13
- Indicate photo luminescent exit path markings as per BC 403.16. 04-16-13
- Provide exit lighting and directional signs (lighting) & (egress) as per BC 1006, BC 1011, BC 1026 (both EG and Construction plans) 04-16-13

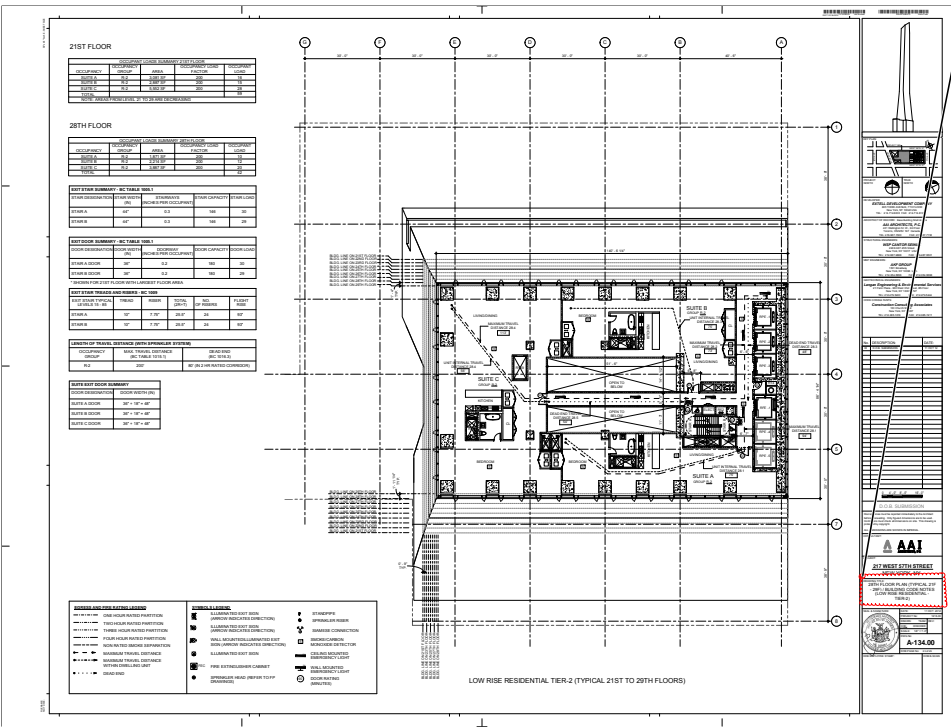
- Group R-1 occupancies shall be provided with accessible features in accordance with Sections 1107.6.1.1 through 1107.6.1.3.
- Show all grab-bars including vertical as per P102.8.3.1, (TYP)
- Provide note within each accessible unit or sleeping unit shall comply with the 2008 code and Chapter 1 through Chapter 10 of ICC A117.1. (TYP) 04-16-13

open





04-16-13



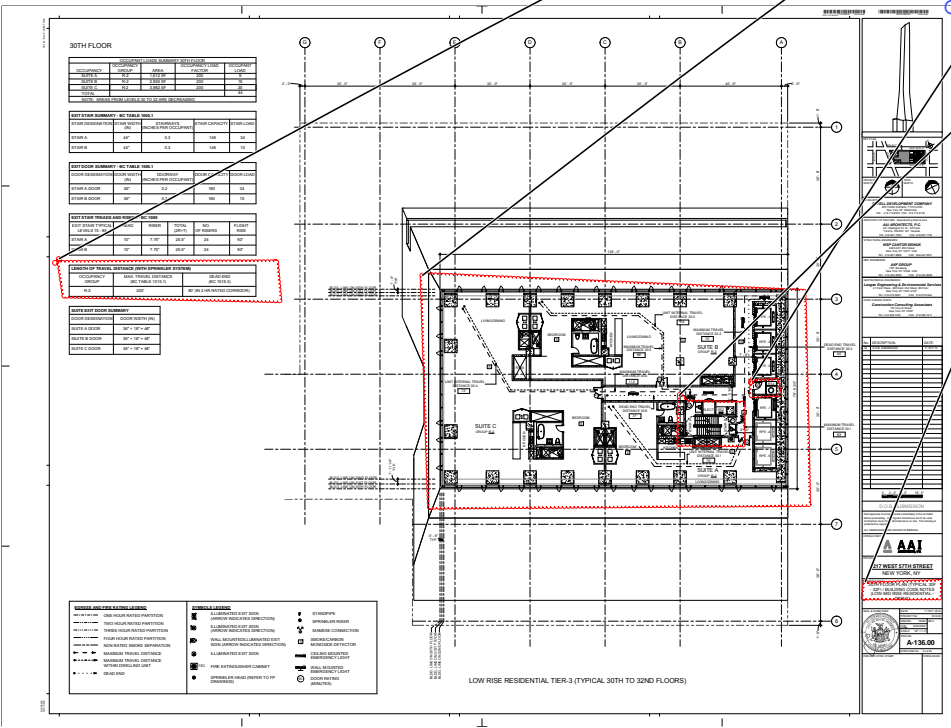
Author: dtitus Subject: Polygon Date: 1/7/2013 9:31:18 AM  
The common path of egress travel shall not exceed 125 feet as per BC 1013.3. The maximum length of exit access travel, measured from the most remote point within a story/space to the entrance to an exit along the natural and unobstructed path of egress travel, shall not exceed the distances given in BC Table 1015.1.

Author: dtitus Subject: Polygon Date: 1/7/2013 9:30:14 AM  
BC 908.7.1.2 Provide notes to indicate compliance for carbon monoxide detectors.  
Indicate location of smoke/ carbon monoxide detectors. (TYP.)

Author: dtitus Subject: Polygon Date: 1/4/2013 10:06:27 AM  
Provide refuse chute details: [2 hr fr walls & roof] and compliance with BC 1213.3 and BC 707.13  
Refuse storage room to comply with BC 1213.1  
Provide proper enclosure and details  
Provide UL # for system or fire hopper doors  
Compliance with BC 1101.2;

Author: dtitus Subject: Polygon Date: 1/4/2013 10:41:39 AM  
Provide note describing stairway door operation and stairway communications system as per BC 403.12  
Provide note describing smoke proof exit enclosures for compliance with BC 403.13.  
Provide note describing impact-resistant stairs enclosures as per BC 403.15  
Provide exit lighting and directional signs (lighting) & (egress) as per BC 1006, BC 1011, BC 1026 (both EG and Construction plans)

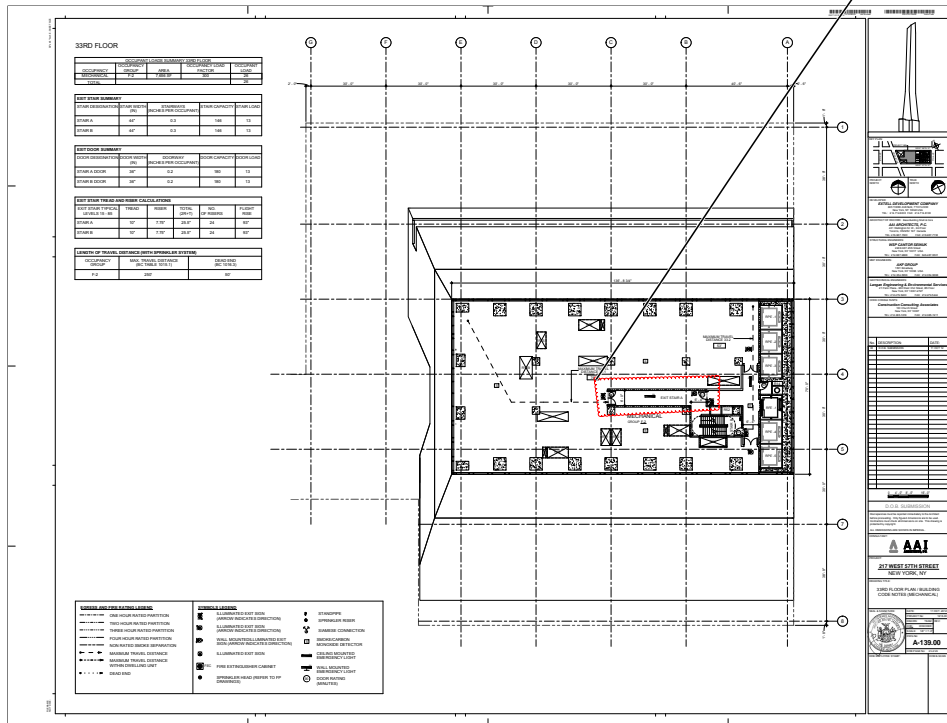
Author: dtitus Subject: Polygon Date: 1/4/2013 10:05:14 AM  
Please indicate as Typ. 30-32nd Floor Plans



04-16-13 ALL

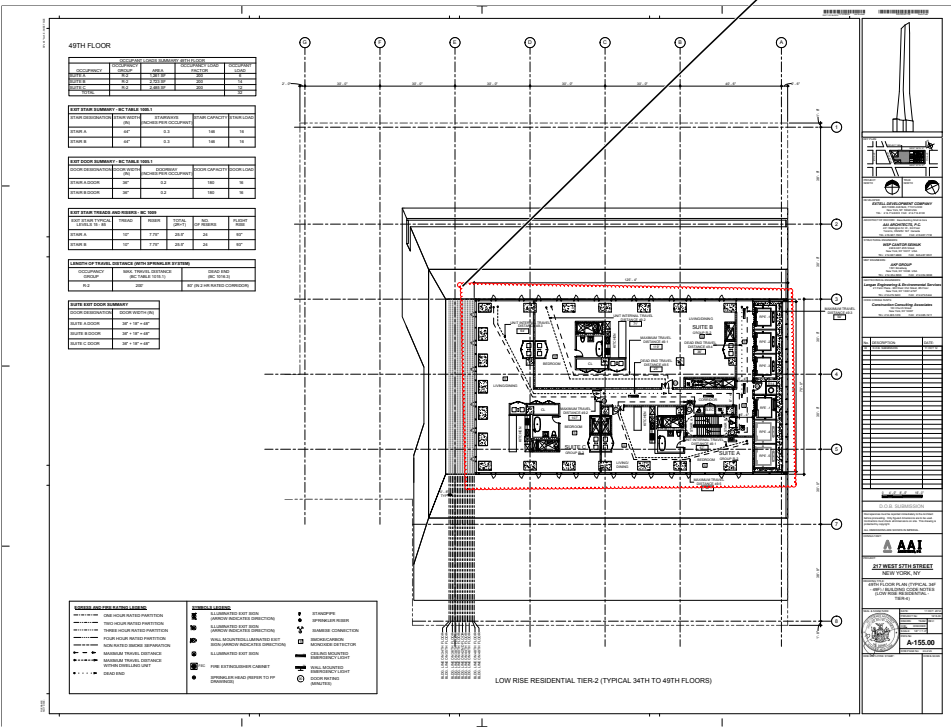
04-16-13

~~04-16-13~~



open

BC 1101.1, 1101.2, and  
ICC/ANSI A117.1-2003 Verify compliance with accessibility as per BC 1101  
Primary access- 1105  
Doors & maneuvering clearances-1107.2.1  
Residential bathrooms – 1107/ Appendix P  
Residential kitchens – 1107.  
Show all grab-bars including vertical as per P102.8.3.1,  
Walk-in closets  
Access to W/D within units  
**TYP. all R-2 floors**



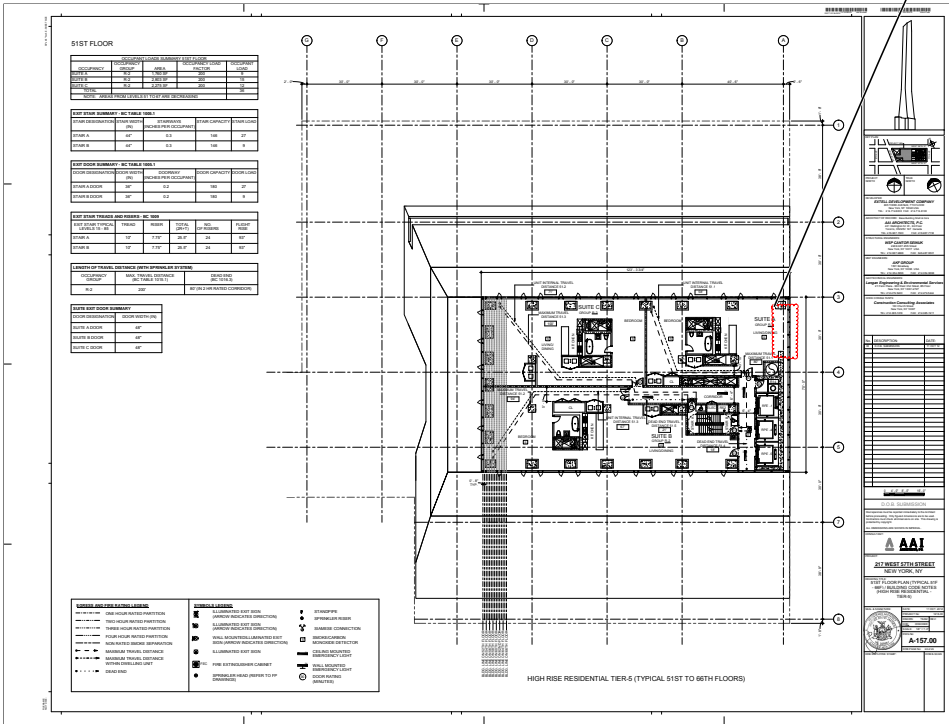




Provide fire protection of openings in exterior walls (BC 704.8, BC 705.8, BC 715.4).

open

note required on elevation dwg. to indicate  
1 hr rated wall.

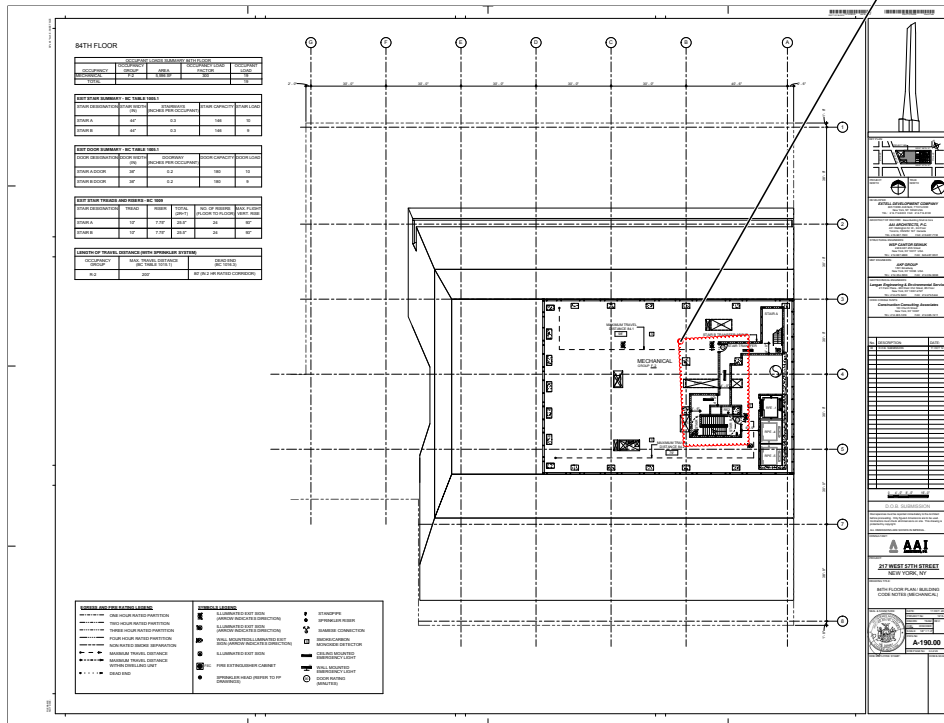






Propose mechanical room is not permitted to open into stair enclosure as per BC1019.1.2

04-16-13



Author: dtitus Subject: Polygon Date: 1/4/2013 10:08:37 AM  
A-occupancy

04-16-13

Author: dtitus Subject: Polygon Date: 1/4/2013 10:47:23 AM

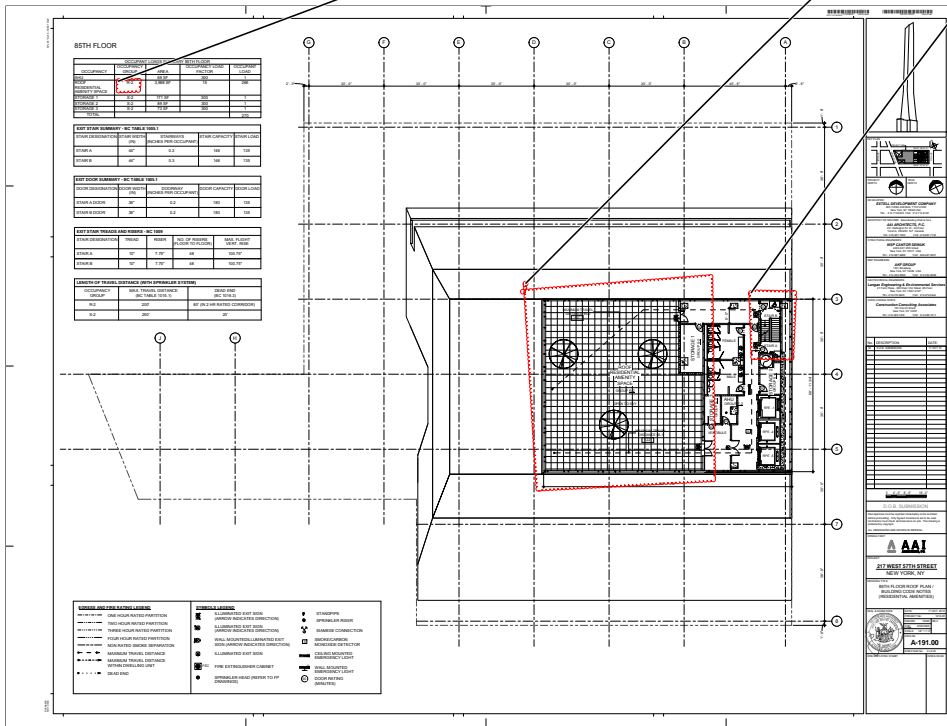
BC 403.11.1 Emergency power systems for assembly occupancy

04-16-13

1. Exit signs and means of egress illumination required by chapter 10.2.
3. emergency voice communications systems; and
4. Electrically powered fire pumps, unless electrical power to the motor is taken ahead of the main from the street side of the service switch.

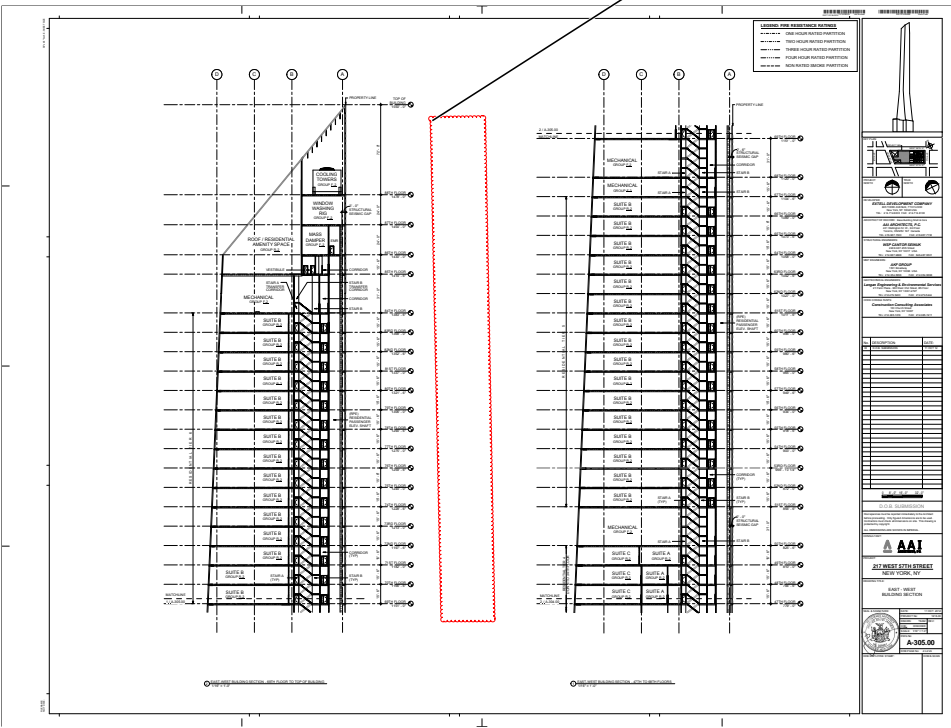
Author: dtitus Subject: Polygon Date: 1/2/2013 11:59:00 AM  
All interior stairs must lead to the roof as per BC 1009.12

04-16-13





open



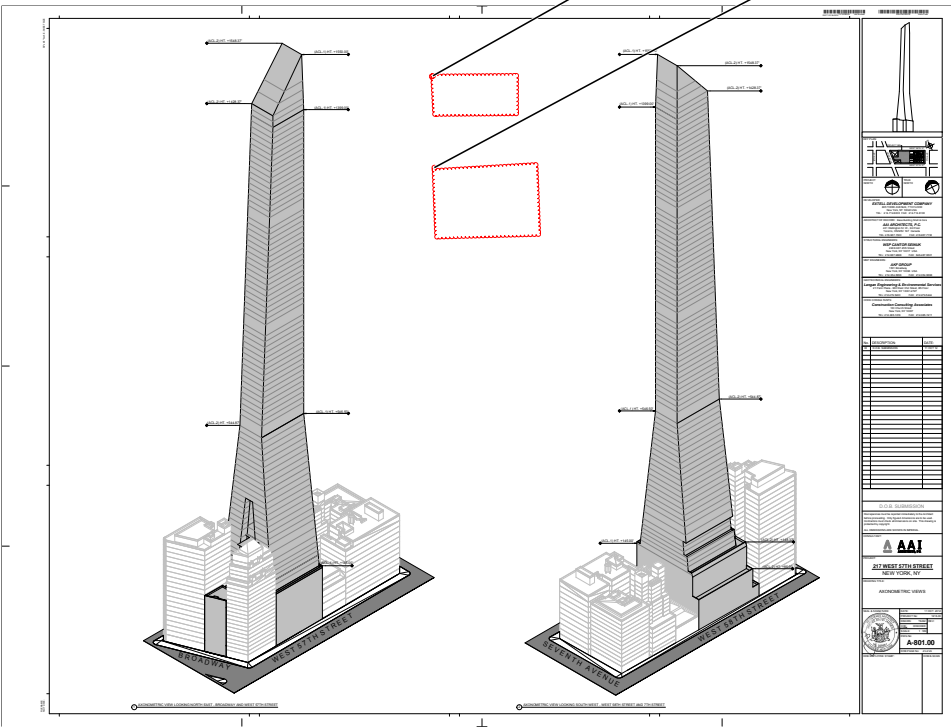
open  
open

Provide all schedules windows, doors (indicate FPSC on all fire rated doors) etc.

Provide structural peer review report as per BC 1627.

open

Provide building elements, exterior walls of non-combustible construction with fire-resistance ratings for Type I-B construction (BC 602.1, BC 602.2).





Summary of Comments on FP-401.00

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open

Author: dtitus Subject: Polygon Date: 1/8/2013 9:12:55 AM  
Please provide a complete water and gas riser diagram.

