ONE VANDERBILT
D.O.B NEW BUILDING SUBMISSION
SEPTEMBER 30TH, 2016
DEPT OF BLDGS121189828

ES210203936

Job Number

Scan Code

ONE VANDERBILT

BUILDING CLASSIFICATION

ASSOCIATED APPLICATIONS
UNDERGROUND SPACES
APPLICATION NUMBER

- DOMINATE OCCUPANCY GROUP OF BUILDING IS "B - BUSINESS"
ALL LEVELS BELOW GRADE ARE EQUIPPED WITH AN AUTOMATIC SRPINKLER SYSTEM (405.2)

BUILDER'S PAVEMENT PLAN APPLICATION
SPRINKLER / STANDPIPE APPLICATION
TEMPORARY STANDPIPE
FIRE ALARM APPLICATION
EMERGENCY POWER SYSTEMS (GENERATORS)
CURB CUT APPLICATION

140436696
140447559
140458751
122654920
140455914
121189828, DOC 9

2. CONSTRUCTION CLASSIFICATION OF THE BUILDING IN ACCORDANCE WITH SECTION 602 OF THE NYC BUILDING CODE
SMOKE CONTROL SYSTEM IS PROVIDED IN ACCORDANCE WITH 405.5.
- CONSTRUCTION CLASSIFICATION IS "I-A - 3-HOUR PROTECTED - NON-COMBUSTIBLE"
A FIRE ALARM SYSTEM IS PROVIDED IN ACCORDANCE WITH 907.2.18 & 907.2.19.

TAG
G1

MATERIAL TYPE
INSULATED GLASS UNIT

MATERIAL FINISH
OUTER LITE: 3/8" HEAT STRENGTHENED GLASS W/ LOW-E ON #2 SURFACE
1/2" AIR SPACE:
INNER LITE: 1/4" HEAT STRENGTHENED GLASS
1/16" PVB
1/4" HEAT STRENGTHENED GLASS

G2

INSULATED GLASS UNIT
NOT USED

OUTER LITE: 3/8" HEAT STRENGTHENED GLASS W/ LOW-E ON #2 SURFACE
1/2" AIR SPACE:
INNER LITE: 5/16" HEAT STRENGTHENED GLASS

G3

MONOLITHIC GLASS

3/8" HEAT STRENGTHENED LOW IRON GLASS W// CERAMIC FRIT, FLOOD COAT
ON #2 SURFACE
CERAMIC FRIT COLOR TBD

G4
G5
G6
G7

LAMINATED GLASS

3/8" HEAT STRENGTHENED LOW IRON + 1/16" PVB + 3/8" HEAT
STRENGTHENED LOW IRON GLASS

Developer

OUTER LITE: 3/8" FULLY TEMPERED LOW IRON
1/2" AIR SPACE
INNER LITE: 1/4" LOW IRON
1/16" PVB
1/4" LOW IRON

Development Advisor

3. THE STRUCTURE CATEGORY IN ACCORDANCE WITH TABLE 1604.5 OF THE NYC BUILDING CODE
ALL MEANS OF EGRESS IS IN ACCORDANCE WITH 405.7.1 & 405.7.2.
- STRUCTURAL OCCUPANCY CATEGORY II, SEISMIC DESIGN CATEGORY B

DEPARTMENT OF BUILDINGS NOTES

4. THE HEIGHT OF THE BUILDING AS DEFINED IN SECTION 502.1 OF THE NEW YORK CITY BUILDING CODE
- 1,401 FEET - DEFINED AS THE "VERTICAL DISTANCE FROM GRADE PLANE TO THE AVERAGE HEIGHT OF THE
HIGHEST ROOF SURFACE," PER SECTION 502.1

MAXIMUM AREA OF EXTERIOR WALL OPENINGS (TABLE 705.8)

NOTIFICATION OF THE DEPARTMENT: NOTIFICATION TO BE PROVIDED TO DEPARTMENT OF BUILDINGS 24-48 HOURS
PRIOR TO COMMENCEMENT OF EARTHWORK, AS PER BC 3304.3.1.

THE MAXIMUM PERMITTED AREA OF OPENINGS IN THE EXTERIOR WALL IS BASED ON FIRE SEPARATION DISTANCE.
THE FIRE SEPARATION DISTANCE IS MEASURED FROM THE BUILDING FACE, AT A 90-DEGREE ANGLE, TO THE
CLOSEST OF THE FOLLOWING:
1. THE CLOSEST INTERIOR LOT LINE
2. TO THE CENTERLINE OF A STREET, ALLEY OR PUBLIC WAY

NOTIFICATION OF ADJACENT BUILDING OWNERS: NOTIFICATIONS TO ADJACENT PROPERTY OWNERS IS NOT
REQUIRED SINCE PROPERTY ENCOMPASSES AN ENTIRE CITY BLOCK AND THERE ARE NO ADJACENT PROPERTY
OWNERS

CODE SUMMARY
1. THE MAXIMUM ALLOWABLE OPENING AREA OF UNPROTECTED OPENINGS IS EQUAL TO THAT PERMITTED FOR
PROTECTED OPENINGS IN FULLY SPRINKLERED BUILDINGS.

APPLICABLE CODES
•
•
•
•
•
•
•
•

2. UNLIMITED UNPROTECTED OPENINGS ARE PERMITTED WHERE EXTERIOR BEARING WALLS, EXTERIOR NONBEARING WALLS AND EXTERIOR STRUCTURAL FRAME ARE NOT REQUIRED TO HAVE A FIRE RESISTANCE RATING.

2014 NEW YORK CITY BUILDING CODE
2014 NEW YORK CITY FIRE CODE
2014 NEW YORK CITY MECHANICAL CODE
2014 NEW YORK CITY PLUMBING CODE
2014 NEW YORK CITY FUEL GAS CODE
2014 NEW YORK CITY ENERGY CONSERVATION CODE
2010 STANDARDS FOR ACCESSIBLE DESIGN FOR TITLES I (EMPLOYEES) AND TITLES III (PUBLIC
ACCOMMODATION)ACCOMMODATION)

FIRE SEPARATION DISTANCE (FEET)

CLASSIFICATION OF OPENING

B, BUSINESS (304.1) - OFFICES, MULTIPURPOSE ASSEMBLY SPACES WITH UP TO 74 OCCUPANTS
M, MERCANTILE (309.1) – RETAIL, GIFT SHOP
F-2, INDUSTRIAL LOW-HAZARD (306.3) – MECHANICAL AND ELECTRICAL
S-2, STORAGE – LOW HAZARD STORAGE (311.3)
S-1, STORAGE – MODERATE HAZARD STORAGE (311.2)

OCCUPANCY SEPARATIONS
THE BUILDING WILL BE CONSTRUCTED IN ACCORDANCE WITH THE NONSEPARATED MIX USE PROVISIONS, SECTION 508.
THE ENTIRE BUILDING MUST COMPLY WITH THE MOST RESTRICTIVE HEIGHT AND AREA REQUIREMENTS BASED ON
OCCUPANCY CLASSIFICATIONS OF ALL SPACES WITHIN THE BUILDING.
FIRE PROTECTION SYSTEM REQUIREMENTS ARE APPLIED THROUGHOUT THE BUILDING FOR THE MOST RESTRICTIVE
OCCUPANCY CLASSIFICATION.
CONSTRUCTION CLASSICATION OF HIGH-RISE BUILDING (TABLE 503)
CONSTRUCTION CLASSIFICATION:
AUTOMATIC SPRINKLERS:

TYPE IA, HIGH-RISE BUILDING
YES

IN ACCORDANCE WITH NONSEPARATED MIXED-USE PROVISIONS OF THE BUILDING CODE, THE HEIGHT AND AREA OF
THE BUILDING MUST COMPLY WITH THE MOST RESTRICTIVE HEIGHT AND AREA REQUIREMENTS FOR THE OCCUPANCY
CLASSIFICATIONS OF THE ABOVE CONSTRUCTION TYPE.
ALLOWABLE BUILDING AREA:
ALLOWABLE BUILDING HEIGHT:

GREATER
THAN
10 TO 15

RODENT PROOFING:
1212

PROPOSED WORK TO BE COMPLIANT WITH RODENT PROOFING REQUIREMENTS, AS PER BC

HIGH-RISE BUILDINGS: DESIGN OF ELEVATORS TO BE COMPLIANT WITH ACCESSIBLE MEANS OF EGRESS
REQUIREMENTS, AS PER BC 1007.2.1 AND BC 1109.6.
STAIRWAY DOOR OPERATION: STAIRWAY DOOR OPERATION AND STAIRWAY COMMUNICATIONS SYSTEM TO BE
PROVIDED, AS PER BC 403.5.3 AND 1008.1.

GREATER GREATER
THAN
THAN
15 TO 20
20

SMOKE PROOF EXIT ENCLOSURES:

G8

INSULATED GLASS UNIT

DESIGN OF ALL EXIT STAIRS TO BE COMPLIANT WITH BC 403.5.4.

IMPACT RESISTANT STAIR ENCLOSURES: MATERIALS, ASSEMBLY, AND INSTALLATION OF ALL EXIT STAIRS TO BE
COMPLIANT WITH BC 403.3.2. REFER TO STRUCTURAL SPECIFICATIONS.

OCCUPANCY CLASSIFICATIONS
•
•
•
•
•

0-3

GREATER GREATER
THAN
THAN
3 TO 5
5 TO 10

DUTIES AND POWERS OF COMMISSIONER OF BUILDINGS: AUTHORITY TO RENDER INTERPRETATIONS AND TO
ADOPT RULES ESTABLISHING POLICIES AND PROCEDURES HELD BY THE COMMISSIONER OF BUILDINGS, AS PER BC
104.

UNLIMITED
UNLIMITED

INCIDENTAL USES
INCIDENTAL USES LOCATED WITHIN A SINGLE OR MIXED OCCUPANCY IN THE BUILDING MUST COMPLY WITH THE
PROVISIONS LISTED IN TABLE 509 AND OUTLINED IN SECTION 510.

NOT
PERMITTED

PROTECTED¹

15%

25%

45%

75%

NO LIMIT

1. THE BOND STRENGTH OF SPRAYED FIRE-RESISTANT MATERIALS (SFRM) IN BUILDINGS GREATER THAN 420 FEET IN
HEIGHT MUST BE 1,000 PSF.
2. SEPARATION DISTANCE IS MEASURED FROM THE EXTERIOR WALL TO EITHER THE CLOSEST LOT LINE, THE CENTERLINE
OF A STREET, ALLEY, OR PUBLIC WAY, OR AN IMAGINARY LINE BETWEEN TWO BUILDINGS ON THE SAME PROPERTY.
3. FOR OTHER THAN GROUP S-1 AND M OCCUPANCIES, FIRE PROTECTION OF STRUCTURAL MEMBERS ARE NOT
REQUIRED WHERE EVERY PART OF THE ROOF CONSTRUCTION IS 20 FEET OR MORE ABOVE ANY FLOOR IMMEDIATELY
BELOW.
4. INTERIOR CORRIDORS ARE DEFINED AS A CORRIDOR THAT SERVES ONLY ONE TENANT.
5. PUBLIC CORRIDORS ARE DEFINED AS CORRIDORS SERVING MORE THAN ONE TENANT OR THE PUBLIC. PUBLIC
CORRIDORS ARE NOT REQUIRED TO BE FIRE RESISTANCE RATED IN HIGH-RISE OCCUPANCY GROUP B WHERE THE
BUILDING IS PROTECTED THROUGHOUT BY AUTOMATIC SPRINKLERS AND SMOKEPROOF ENCLOSURES ARE PROVIDED
6. NONRESIDENTIAL TENANT SPACES OCCUPIED BY DIFFERENT TENANTS ARE NOT REQUIRED TO BE SEPARATED BY FIRE RATED
CONSTRUCTION IN FULLY SPRINKLERED BUILDINGS.
7. SEE THE TRANSIT CONNECTIONS SEPARATION DISCUSSION FOR ADDITIONAL INFORMATION.
8. THE DEFINITION OF PRIMARY STRUCTURAL FRAMING AS DEFINED IN THE 2014 BUILDING CODE IS AS FOLLOWS
(CHAPTER 2 – DEFINITIONS): COLUMNS, STRUCTURAL MEMBERS HAVING A DIRECT CONNECTION TO THE COLUMN SUCH
AS GIRDERS, BEAMS, TRUSSES AND SPANDRELS, MEMBERS OF THE FLOOR CONSTRUCTION AND ROOF CONSTRUCTION
HAVING A DIRECT CONNECTION TO A COLUMN AND BRACING MEMBERS THAT ARE ESSENTIAL TO THE STABILITY OF THE
PRIMARY STRUCTURAL FRAME.

EXIT PATH MARKINGS: PHOTOLUMINESCENT EXIT PATH MARKINGS TO BE PROVIDED AT ALL EXIT DOORS, EXIT
PASSAGEWAYS, AND EXIT STAIRS, AS PER BC 403.5.5 AND BC 1024.

1. ALL ELEVATORS OPEN ONTO A FIRE-RESISTANCE RATED CORRIDOR AT EVERY FLOOR, EXCLUDING THE
GROUND FLOOR LOBBY. (708.14.1)
2. THE LOBBY ENCLOSURE SEPARATES THE ELEVATOR SHAFT ENCLOSURE DOORS FROM EACH FLOOR BY
SMOKE PARTITIONS. DOORS TO COMPLY WITH 711.5.3 AND ALL PENETRATIONS TO COMPLY WITH 711.7

INSULATED GLASS UNIT
SAME AS G8

STRUCTURAL DESIGN: BUILDING, STRUCTURES, AND PARTS THEREOF ARE DESIGNED AND SHALL BE
CONSTRUCTED IN ACCORDANCE WITH STRENGTH DESIGN, LOAD AND RESISTANCE FACTOR DESIGN, ALLOWABLE
STRESS DESIGN, EMPIRICAL DESIGN, OR CONVENTIONAL CONSTRUCTION METHODS, AS PER REQUIREMENTS OF
2008 NYC BUILDING CODE, BC 1604. REFER TO STRUCTURAL DRAWINGS FOR FURTHER INFORMATION.
MECHANICAL EQUIPMENT AND BUILDING SYSTEMS: MECHANICAL EQUIPMENT SHALL BE CONSTRUCTED,
INSTALLED, AND MAINTAINED IN ACCORDANCE WITH THE 2008 NYC MECHANICAL CODE AND 2008 NYC FUEL GAS
CODE, AS PER BC 2801.1. REFER TO MECHANICAL DRAWINGS FOR FURTHER INFORMATION.

G10

INSULATED GLASS UNIT
SAME AS G8

PLUMBING SYSTEMS: PLUMBING SYSTEM AND EQUIPMENT SHALL BE CONSTRUCTED, INSTALLED, AND MAINTAINED
IN ACCORDANCE WITH THE 2008 NYC BUILDING CODE, AS PER BC 2901.1. REFER TO
PLUMBING DRAWINGS FOR FURTHER INFORMATION. PLUMBING SYSTEMS DESIGNED AS PER REQUIREMENTS OF
BC 2901 AND BC 401.
SOILS AND FOUNDATIONS:

BUILDING AND FOUNDATION SYSTEM DESIGNED AS PER REQUIREMENTS OF BC 1801.

FOOTINGS AND FOUNDATIONS: FOOTINGS AND FOUNDATIONS DESIGNED AS PER REQUIREMENTS OF BC 1805.
SEISMIC DESIGN PROVISIONS: CONCRETE COMPONENTS THAT RESIST SEISMIC FORCES DESIGNED AS PER
REQUIREMENTS OF BC CHAPTER 16

BC 1601 - SEISMIC SEPARATION: PROPERTY HAS NO ADJACENT BUILDINGS
BC 403.6.1 - FIRE SERVICE ELEVATOR HIGH-RISE BUILDINGS THAT HAVE AN OCCUPIED FLOOR THAT IS MORE THAN
120 FEET ABOVE THE LOWEST LEVEL OF FIRE DEPARTMENT ACCESS MUST HAVE AT LEAST ONE FIRE SERVICE
ACCESS ELEVATOR COMPLYING WITH SECTION 3007 (403.6.1).

ADDITIONAL EXIT STAIRWAY BUILDINGS MORE THAN 420 FEET IN HEIGHT MUST HAVE ONE EXIT STAIRWAY IN
ADDITION TO THE MINIMUM NUMBER OF EXITS REQUIRED BY SECTION 1021.1 (403.5.1). THE ADDITIONAL EXIT
STAIRWAY IS REDUNDANT AND CANNOT BE USED FOR EXIT CAPACITY OR NUMBER OF EXITS.

3. FIRE SERVICE ACCESS ELEVATOR OPENS ONTO A FIRE SERVICE ACCESS LOBBY AT ALL FLOORS EXPECT
GROUND FLOOR LOBBY. ALL FIRE SERVICE ACCESS LOBBIES ARE CONSTURCTED IN ACCORDANCE WITH
3007.6.1 - 3007.6.5.

SPECIAL INSPECTIONS SCHEDULE

OCCUPANCY
GROUP

EXIT ENCLOSURES
AND EXIT
PASSAGEWAYS

CORRIDORS

ROOMS AND
ENCLOSED
SPACES

B, M

B

B

C

F

B

C

C

S

B

C

C

CLASS A: FLAME SPREAD INDEX 0-25

2PLY 1/4" LAMINATED LOW IRON GLASS
2PLY 1/2" LAMINATED LOW IRON GLASS
2PLY 5/8" LAMINATED LOW IRON GLASS FIN
2HR RATED GLASS SYSTEM (CUSTOM SYSTEM TO BE DEVELOPED)
FRITTED FINISH

G15
G16
G17

LAMINATED/SPECIALTY GLASS
LAMINATED GLASS
LAMINATED GLASS

ACID ETCHED
FRITTED FINISH
LOW IRON CUSTOM GLASS ASSEMBLY WITH LAMINATED ART (FINAL
ART/CUSTOM DESIGN T.B.D.)

AL1

ALUMINUM

PPG FLOUROPOLYMER POWDER COAT
COLOR: RAL 9010 PURE WHITE
GLOSS: HIGH

AL2

ALUMINUM
NOT USED

PPG DURANAR SUNSTORM - UC106690F
COLOR: HARVEST GOLD PEARL

AL3

ALUMINUM

POWDER COAT PAINT SYSTEM
COLOR TO MATCH AL6

AL4

ALUMINUM

PPG DURANAR - UC118211
COLOR: NOBLE GRAY

AL5
AL6

ALUMINUM
ALUMINUM

PPG DURANAR - UC110227F COLOR: SUNSTORM PEWTER

AL7
AL8

ALUMINUM

PPG DURANAR - UC118211
COLOR: NOBLE GRAY

SS1
SS2
SS3

STAINLESS STEEL

NON DIRECTIONAL FINISH, GRADE 316

STAINLESS STEEL

SS4

STAINLESS STEEL

STL1
STL2
STL3
STL4

STEEL
STEEL
STEEL
STEEL

COLORED STAINLESS STEEL: TSUKIBOSHI ART CO. - NEUES
COLOR: LIGHT BRONZE FINISH: SHOT + FG3
DUPLEX GRADE BASIS OF DESIGN (TO BE DEVELOPED FURTHER WITH
COOLING TOWER PLUME MAKEUP ANALYSIS)
INTUMESCENT PAINT
TNEMEC PAINT
PAINTED STEEL (SYSTEM AND COLOR T.B.D.)
GALVANIZED STEEL

TC1
TC2

TERRACOTTA
TERRACOTTA

KPF:OV1
KPF:OV2

S1
S2
S3
S4
S5
S6
S7
S8
S9
S10

STONE
STONE
STONE
STONE
STONE
STONE
STONE
STONE
STONE
STONE

SCHIST
GRANITE
WHITE MARBLE
TRAVERTINE
WHITE MARBLE
LIMESTONE
LIMESTONE
TENNESSEE PINK MARBLE (TO MATCH G.C.T.)
TRAVERTINE (TO MATCH G.C.T.)
BOTTICINO MARBLE (TO MATCH G.C.T.)

TZ1

TERRAZZO

WHITE

TZ2

TERRAZZO

WHITE WITH TENNESSEE MARBLE CHIPS

P1
P2

PORCELAIN TILE
PORCELAIN TILE

BOTTICINO FINISH/COLOR
WHITE

CLASS B: FLAME SPREAD INDEX 26-75
CLASS C: FLAME SPREAD INDEX 76-200

FIRE ALARM SYSTEM (907)
DUE TO THE BUILDING BEING A HIGH-RISE, A VOICE ALARM COMMUNICATION SYSTEM WILL BE PROVIDED THROUGHOUT. VISIBLE
DEVICES (STROBES) WILL BE PROVIDED THROUGHOUT PUBLIC AND COMMON AREAS.

FIRE RESISTANCE OF STRUCTURAL ELEMENTS MUST BE IN ACCORDANCE WITH THE FOLLOWING TABLE 601

THE AUTOMATIC SPRINKLER SYSTEM WILL BE PROVIDED WITH WATER FLOW DEVICES AND THE ALARM SYSTEM WILL ACTIVE
UPON WATER FLOW.
A MANUAL AND AUTOMATIC FIRE ALARM SYSTEM SHALL BE INSTALLED IN GROUP B AND GROUP M OCCUPANCIES PROTECTED BY
AN AUTOMATIC SPRINKLER SYSTEM. (907.2)
MANUAL PULL BOXES ARE REQUIRED IN NONSEPARATED MIXED-USE BUILDINGS THAT CONTAIN GROUP M OCCUPANCIES.
MANUAL PULL STATIONS WILL BE PROVIDED WITHIN 5 FEET OF AN ENTRANCE TO AN EXIT AND SUCH THAT ALL PORTIONS OF THE
BUILDING ARE WITHIN 200 FEET OF A PULL STATION. (907.4)
SMOKE CONTROL
A POST-FIRE SMOKE PURGE SYSTEM WILL BE PROVIDED THROUGHOUT THE BUILDING IN ACCORDANCE WITH THE
REQUIREMENTS FOR HIGH-RISE BUILDINGS.
SMOKEPROOF ENCLOSURES HAVE BEEN PROVIDED FOR ALL EXIT STAITWAYS SERVING AN OCCUPIED FLOOR 75 FEET OR MORE
ABOVE THE LOWEST LEVEL OF FIRE DEPARTMENT ACCESS BY MEANS OF STAIR PRESSURIZATION ALTERNATIVE.
ELEVATOR LOBBIES WILL BE PROVIDED ON ALL FLOORS, EXCEPT FOR STREET (GROUND) FLOOR LOBBY AS PERMITTED BY
708.14.
ALL CLOSED SHAFTS (EXCEPT FOR ELEVATORS) WITH AREAS EXCEEDING 4 SF WILL BE VENTED IN ACCORDANCE WITH SECTION
910. ELEVATOR HOISTWAYS WILL BE VENTED IN ACCORDANCE WITH SECTION 3004.

OUTER LITE: 3/8" LOW IRON
1/2" AIR SPACE:
INNER LITE: 5/16" LOW IRON
1/16" PVB
5/16" LOW IRON

LAMINATED GLASS
LAMINATED GLASS
LAMINATED GLASS
LAMINATED GLASS

WALL AND CEILING FINISH REQUIREMENTS (TABLE 803.1)
SPRINKLERED

OUTER LITE: 3/8" HEAT STRENGTHENED LOW IRON
5/8" AIR SPACE
INNER LITE: 1/4" HEAT STRENGTHENED LOW IRON
1/16" PVB
1/4" HEAT STRENGTHENED LOW IRON

G11
G12
G13
G14

MODULAR CONSTRUCTION: THIS PROJECT DOES NOT INCLUDE MODULAR CONSTRUCTION.

BC 708.14.1 - EXIT ACCESS THROUGH ELEVATOR LOBBY ACCESS TO AN EXIT ON ANY STORY THROUGH AN
ELEVATOR LOBBY SHALL BE PERMITTED, PROVIDED THAT ACCESS TO AT LEAST ONE OTHER REQUIRED EXIT DOES
NOT REQUIRE PASSING THROUGH THE ELEVATOR LOBBY.

ELEVATOR LOBBIES

G9

SL Green
420 Lexington Avenue, 18th Floor
New York, NY 10170
Tel: 212.356.4149 Fax: 212.216.1796

Hines
499 Park Avenue
New York, NY 10022
Tel: 212.230.2300 Fax: 212.230.2276

Architect
Kohn Pedersen Fox Associates PC
Architects & Planning Consultants
11 West 42nd Street
New York, NY 10036
Tel: 212.977.6500 Fax: 212.956.2526

Structural Engineer
Severud Associates Consulting Engineers
469 Seventh Avenue, Suite 900
New York, NY 10018
Tel: 212.986.3700 Fax: 212.687.6467

Mechanical, Electrical, Plumbing, Fire Protection
Jaros Baum & Bolles
80 Pine Street
New York, NY 10013
Tel: 212.530.9300 Fax: 212.269.5894

Civil / Geotechnical Engineer
Langan Engineering, Environmental, Surveying and
Landscape Architecture, D.P.C.
21 Penn Plaza, 360 West 31 Street, 8th Floor
New York, NY 10001
Tel: 212.479.5400 Fax: 212.479.5444

Vertical Transportation
Van Deusen & Associates
5 Regent Street, Suite 524
Livingston, NJ 07039
Tel: 973.994.9220 Fax: 973.994.2539

Code Consulting
Code Consultants, Inc.
215 West 40th Street, 15th Floor
New York, NY 10018
Tel: 212.216.9596 Fax: 212.216.9619

PPG DURANAR SUNSTORM - UC106688F COLOR: MOONDUST MICA

1
STAIR PRESSURIZATION
EVERY REQUIRED STAIRWAY SERVING FLOORS MORE THAN 75 FEET ABOVE THE LOWEST LEVEL OF FIRE DEPARTMENT
VEHICLE ACCESS MUST COMPLY WITH REQUIREMENTS FOR SMOKEPROOF ENCLOSURES IN ACCORDANCE WITH SECTION 1022.9
OR MUST BE PRESSURIZED IN ACCORDANCE WITH 909.20 (403.5.4). STAIRWAYS PRESSURIZED TO A MINIMUM 0.10 INCH OF WATER
AND A MAXIMUM 0.35 INCH OF WATER IN THE SHAFT RELATIVE TO THE BUILDING ARE NOT REQUIRED TO BE ACCESSED BY A
VESTIBULE (909.20.5).
SHAFT VENTING

PT1
PT2
PT3

PAINT
PAINT
PAINT

WP01
WP02

ALL CLOSED SHAFTS, INCLUDING EXIT STAIRS (EXCEPT FOR ELEVATORS), HAVING A FLOOR AREA EXCEEDING 4 SF MUST BE
PROVIDED WITH A SMOKE VENT IN ACCORDANCE WITH SECTIONS 708.12.1.1-708.12.1.3 (708.12.1). THE EFFECTIVE VENTING AREA
MUST BE AT LEAST 3.5 PERCENT OF THE MAXIMUM SHAFT AREA AT ANY FLOOR BUT NOT LESS THAN 72 SQUARE INCHES.

WP03

ELEVATORS AND DUMBWAITER HOISTWAYS THAT ARE PRESSURIZED ARE NOT REQUIRED TO BE VENTED. ALL OTHER
ELEVATOR HOISTWAYS MUST BE EQUIPPED WITH VENTS THAT ARE AT LEAST 3.5 PERCENT OF THE AREA OF THE HOISTWAY OR NOT
LESS THAN 3 SF FOR EACH ELEVATOR CAR, WHICHEVER IS GREATER (3004.5.1). ALTERNATIVELY,
THE ELEVATOR HOISTWAY IS PERMITTED TO BE MECHANICALLY VENTED WITH A SYSTEM THAT IS CAPABLE OF
EXHAUSTING AT LEAST 12 AIR CHANGES PER HOUR OF THE VOLUME OF THE HOISTWAY (3004.5.2).

WP04

UNDERGROUND BUILDING
BUILDING SPACES HAVING A FLOOR LEVEL USED FOR HUMAN OCCUPANCY MORE THAN 30 FEET BELOW THE
LOWEST LEVEL OF EXIT DISCHARGE ARE CONSIDERED UNDERGROUND BUILDINGS (405.1). FIXED GUIDEWAY
TRANSIT SYSTEMS ARE EXEMPT FROM UNDERGROUND BUILDING REQUIREMENTS (405.1, EXCEPTION 3).

WP05
WP06
WP07

COLOR: WHITE
COLOR: NOBLE GREY
COLOR: BEIGE

DOB NEW BUILDING SUBMISSION

No.

Issue

09-30-2016

Date

Key Plan

EAST 43RD STREET

TRAFFIC COATING
CRYSTALLINE WATERPROOFING
FUEL OIL TANK
WATERPROOFING
STORM WATER/
DETENTION TANK
WATERPROOFING COLD FLUID
APPLIED RWP (IRMA)
COLD FLUID APPLIED
(CONVENTIONAL)
CON ED
VAULT WATERPROOFING

UP

VANDERBILT

APPLICATIONS
THE UNDERGROUND PORTION OF THE BUILDING IS TYPE 1 CONSTRUCTION (405.1)

MADISON AVENUE

1. OCCUPANCY GROUP OF THE MAIN USE OR DOMINANT OCCUPANCY OF THE BUILDING IN ACCORDANCE WITH
SECTION 302.1 OF THE NYC BUILDING CODE

HC

EAST 42ND STREET

N

THE FIRE PROTECTION AND LIFE SAFETY REQUIREMENTS FOR UNDERGROUND BUILDINGS WITH OCCUPIABLE SPACES MORE THAN
30 FEET BUT LESS THAN 60 FEET BELOW THE LOWEST LEVEL OF EXIT DISCHARGE ARE SIMILAR TO THAT OF HIGH-RISE BUILDING (I.E.
PRESSURIZED STAIRS, SPRINKLER PROTECTION, PROTECTED NONCOMBUSTIBLE CONSTRUCTION, ETC.). UNDERGROUND
BUILDINGS MUST ALSO HAVE A SMOKE CONTROL SYSTEM IN ACCORDANCE WITH SECTION 909. THE SMOKE CONTROL SYSTEM IS
REQUIRED TO RESTRICT THE MOVEMENT OF SMOKE TO THE GENERAL AREA OF FIRE ORIGIN AND TO MAINTAIN THE INTEGRITY OF
EGRESS ACCESS (405.5.1).
BUILDINGS WITH OCCUPIABLE SPACES MORE THAN 60 FEET BELOW THE LOWEST LEVEL OF EXIT DISCHARGE REQUIRE ADDITIONAL
LIFE SAFETY AND FIRE PROTECTION FEATURES. BUILDINGS MORE THAN 60 FEET BELOW THE LEVEL OF EXIT DISCHARGE ARE
SUBJECT TO THE FOLLOWING REQUIREMENTS:
1 - COMPARTMENTATION: THE UNDERGROUND STRUCTURE MUST BE DIVIDED INTO A MINIMUM OF TWO COMPARTMENTS OF
APPROXIMATELY EQUAL SIZE. SUCH SEPARATION MUST EXTEND THROUGH THE HIGHEST LEVEL OF EXIT DISCHARGE SERVING THE
UNDERGROUND PORTION OF THE BUILDING (405.4.1). THE SMOKE COMPARTMENTS MUST BE SEPARATED BY 2-HOUR FIRE
BARRIERS THAT EXTEND FROM THE FLOOR SLAB TO THE FLOOR DECK ABOVE (405.4.2). EACH COMPARTMENT MUST MEET THE
FOLLOWING CRITERIA:
· HAVE AN AIR SUPPLY AND EXHAUST SYSTEM THAT IS INDEPENDENT OF OTHER COMPARTMENTS.
· HAVE DIRECT ACCESS TO AN ELEVATOR. ELEVATORS CAN SERVE MORE THAN ONE COMPARTMENT WHEN
ELEVATOR LOBBY IS PROVIDED. THE ELEVATOR LOBBY MUST BE SEPARATED FROM BOTH COMPARTMENTS
BY 2HOUR FIRE BARRIER WALLS.
WHERE A BUILDING IS REQUIRED TO HAVE COMPARTMENTATION THE LOWEST STORY IS NOT REQUIRED TO
BE COMPARTMENTED, PROVIDED THAT THE FLOOR AREA DOES NOT EXCEED 1,500 SQUARE FEET AND IT
DOES NOT HAVE AN OCCUPANT LOAD GREATER THAN 10 PERSONS (405.4.1).

NOTE: ALL MATERIAL FINISHES ARE NOTED AS PRELIMINARY BASIS OF DESIGN ONLY AND PENDING FINAL APPROVAL BY OWNER/ARCHITECT
NOTE: FOR STEEL PAINT FINISHES, SEE STRUCTURAL STEEL SPEC (CUSTOM COLOR TBD)

Issue Date:

2 - SMOKE CONTROL: WHERE COMPARTMENTATION IS REQUIRED AS PER SECTION 405.4.2, EACH
COMPARTMENT MUST HAVE AN INDEPENDENT SMOKE CONTROL SYSTEM.

09-30-2016

Project No.
1943

Drawn By

1

MATERIAL SCHEDULE

NOTES: DRAWING AND MATERIAL CHANGES HAVE NOT BEEN INCORPORATED INTO SPECIFICATION 084413 GLAZED ALUMINUM CURTAIN
WALLS WHICH HAS NOT BEEN UPDATED FOLLOWING CURTAINWALL AWARD

Scale

NTS
As indicated

Drawing Title

NOTES, MATERIALS &
FINISHES LEGENDS

Drawing Number

G-005.00
SHEET 5 OF 263

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6" 20 GAUGE MTL STUDS SPACED 24" O.C.
1 LAYER 5/8" TYPE 'X' GYP BOARD
6" MINERAL FIBER INSULATION R-4.2/INCH
EXISTING MASONRY WALL - TO BE CONFIRMED DURING EXCAVATION

18" STRUCTURAL SLAB
2" FLOOR FINISH AND 2" SETTING BED, SEE STANTEC DRAWINGS

PUBLIC CIRCULATION
1' - 6"
CONTINUOUS MINERAL FIBER INSULATION - 2" @ R-4.2/INCH; PIN-IMPALED AND WRAPPED AROUND BEAMS, TYP
EXISTING LOOP TRACK TO REMAIN

EAST SIDE ACCESS
EXISTING STRUCTURE (VIF)
JOINT (TBD)

NOTE: DETAIL SHOWN FOR REFERENCE - FINISHES IN TRANSIT SPACES ARE BY STANTEC, REFER TO TRANSIT DRAWINGS
NOTE:
LOW POINT ELEVATION AT CATCH BASINS/SUMP PITS ARE TAKEN

FOOTING BELOW - SEE STRUCTURAL DRAWINGS
BEDROCK BEYOND - SEE STRUCTURAL DRAWINGS
EXISTING CONDITION TO BE VERIFIED IN FIELD

SUMP PIT TYP.
L.P.  TOS
5' - 7 1/2"

TRUCK ELEVATOR
L.P.  TOS
10'-3"

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ONE VANDERBILT

GENERAL NOTES:

1. REFERENCE SPECIFICATION SECTION '033000 CAST-IN-PLACE CONCRETE' FOR FURTHER REQUIREMENTS FOR CONCRETE FLOOR COATINGS LISTED BELOW.

2. IN ALL LOADING DOCK FLOOR SURFACES, APPLY A MINERAL AGGREGATE HARDENER LAYER FIRST, FOLLOWED BY A LIQUID SEALER DENSIFIER, SEE SPECIFICATION SECTION 033000 FOR PRODUCT DETAILS (SECTION 2.4 T & V RESPECTIVELY). - FINISH TO BE WP01

3. IN ALL FUEL OIL TANK AND PUMP ROOMS, APPLY WP03 EXTEND A MINIMUM OF 4'-0" UP ALL WALLS

4. IN ELEVATOR PITS, INCLUDING TRUCK ELEVATORS AND OTHER SPACES WHICH WILL NOT HAVE ARCHITECTURAL FLOOR FINISH OR VEHICULAR TRAFFIC, APPLY WP02, SEE SPECIFICATION SECTION 071616 FOR PRODUCT DETAILS.

5. FOR WALL TYPE AND DOOR DESIGNATIONS IN CORE, SEE ENLARGED CORE PLANS A-235 TO A-433

6. ADDITIONAL DETAILS.

7. EXISTING CONDITION TO BE VERIFIED IN FIELD. IF NECESSARY, RELOCATION OF NEW DEMISING WALL TO BE NEGOTIATED WITH MTA

8. SHOWN FOR REFERENCE ONLY - SEE STRUCTURAL DRAWINGS

TOS
1. REFERENCE SPECIFICATION SECTION '033000 CAST-IN-PLACE CONCRETE' FOR FURTHER REQUIREMENTS FOR CONCRETE FLOOR COATINGS LISTED BELOW. HARDENER LAYER FIRST, FOLLOWED BY A LIQUID SEALER DENSIFIER, SEE SPECIFICATION SECTION 033000 FOR PRODUCT DETAILS (SECTION 2.4 T & V RESPECTIVELY). FINISH TO BE WP01

3. IN ALL FUEL OIL TANK AND PUMP ROOMS, APPLY WP03 EXTEND A MINIMUM OF 4'-0" UP ALL WALLS. SEE SPECIFICATION SECTION 071800 FOR PRODUCT DETAILS AND APPLICATION.

4. IN ELEVATOR PITS, INCLUDING TRUCK ELEVATORS AND OTHER SPACES WHICH WILL NOT HAVE ARCHITECTURAL FLOOR FINISH OR VEHICULAR TRAFFIC, APPLY WP02, SEE SPECIFICATION SECTION 033000 CAST-IN-PLACE CONCRETE.

7. CONCRETE PADS WILL BE REQUIRED UNDERNEATH MEP EQUIPMENT. COORDINATE STAIR ENCLOSURE ABOVE EQUIPMENT.

8. STORM WATER TRENCH ABOVE.

2 HR RATED CMU WALL SPANS BETWEEN STRUCTURAL & MEP COORDINATED WITH PLUMBING.

OPEN TO LOADING DOCK, BOTTOM OF ELEVATOR PIT BELOW.

OPEN TO FIRE PUMP ROOM BELOW.

OPEN TO FIRE PUMP ROOM, BELOW 30' - 4 1/2".

OPEN TO FIRE PUMP ROOM, BELOW 30' - 4 1/2".

OPEN TO FIRE PUMP ROOM, BELOW 30' - 4 1/2".

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OPEN TO FIRE PUMP ROOM, BELOW 30' - 4 1/2".

2 HR RATED SOFFIT AROUND ELECTRICAL CONDUIT, VERIFY EXACT LOCATION WITH ELECTRICAL DRAWINGS.
1. SPOT ELEVATIONS NOTED IN PLAN ARE RELATIVE TO NAVD88, SEE A-200 SHEETS A-97 TO A-101.

4. TRANSIT SCOPE SHOWN FOR DESIGN INTENT ONLY - SEE STANTEC DRAWING.

VENTS, 3' X 9'-6" CLEAR INSIDE FOR ADDITIONAL DETAILS.

WALL MOUNTED ELEVATORS, SEE ELEVATIONS STANDPIPES - HOSE VALVE, 8.' CONCRETE PADS WILL BE REQUIRED UNDERNEATH MEP EQUIPMENT. COORDINATE EXTENT AND CONFIGURATION OF CURB WITH FINAL MEP EQUIPMENT CUT SHEET.

BOLLARD AND CURB CUTS NOT SHOWN HERE. FOR LOCATIONS AND DIMENSIONS.

DEPT OF BLDGS Job Number Scan Code
121189828
ES018413764

188'-7 1/4" 88'-11 1/4"
7'-0"
119'-8 3/4"
60' - 4"
59' - 6"
60' - 1"
592 - 1"
ACCOMMODATE FUTURE TENANT FITOUT DESIGN.

REFLECT CORE / SHELL REQUIREMENTS.

5. FINAL FITOUT DESIGN WILL NEED TO DEFINE ACTUAL TOILET AND FIXTURE COUNT.

SLAB RECESS FOR TRUCK DOCK ROLLING DOOR

EXTENT AND CONFIGURATION OF CURB WITH FINAL MEP EQUIPMENT CUT SHEET.

REFER TO WT-12

COVERED FIN TUBE BY TENANT

24-6

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New York, NY 10170

Open to
HOISTWAY SHAFT, FOR DETAILS

Development Advisor
MER

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SEE A-447 FOR DETAILS

GLASS RAILING

02-302

EAST 43RD STREET

ML-3 ML-4 ML-5 ML-6

ELEV

CANOPY BELOW

FO

MS

FS

STAIR C

02-602

ML-2

1

MS

A-447

4-6

MS

FS

ADDITIONAL DETAILS TO FOLLOW AS TIME PERMITS.

COVERED FINNED TUBE BY TENANT

ADA COMPLIANT WATER FOUNTAIN

TO BE PROVIDED BY TENANT.

BELOW

STAIR TRANSFER ABOVE,

STAIR D

02-201

ELEVATOR

02-603

RETAIL

02-202-A

80 Pine Street
Tel: 212.530.9300 Fax: 212.269.5894

LVE

4-6
1. SPOT ELEVATIONS NOTED IN PLAN ARE RELATIVE TO THEIR ASSOCIATED LEVEL.

2. FOR WALL TYPE AND DOOR DESIGNATIONS IN CORE, SEE ENLARGED CORE PLANS A-400 TO A-433.

3. CONCRETE PADS WILL BE REQUIRED UNDERNEATH MEP EQUIPMENT. COORDINATE WITH FM DRAWINGS A-223.

4. HOSE BIBS AND ELEC OUTLETS REQUIRED ON SETBACK ROOFS, COORDINATE WITH FM DRAWINGS A-223.

6' x 6' CLEAR PLATFORM TO BE COORDINATE GRILL WITH MEP & TYP.

12' - 0" TYP.

6' - 0" TYP.
1. Spot elevations noted in plan are relative to their associated level lines indicated on A-200.

2. Strategy TBD.

3. For all interior louvers, provide insulated back of panel at back of louvers, for all non-active conditions - coordinate with MEP documents.

4. Concrete pads will be required underneath MEP equipment. Coordinate extent and configuration of curb with final MEP equipment cut sheet.

5. Lighting strategy TBD.

6. Include 4" high concrete fill pad where truss meets concrete structural slab. Bring traffic coating up and over pad.
1. For all interior louver, provide insulated back of panel at back of louver, for all non-active conditions - coordinate with MEP documents.

2. Extent and configuration of curb with final MEP equipment cut sheet.

3. Lighting is required in the perimeter plenum on all mechanical floors. Final lighting strategy TBD.

4. Structural truss - see structural drawings for structural bay.

5. Generator diesel exhaust flues above, coordinate with MEP drawings.
GENERAL NOTE:
1. SPOT ELEVATIONS NOTED IN PLAN ARE RELATIVE TO THEIR ASSOCIATED LEVEL LINES INDICATED ON A-200.
2. FOR WALL TYPE AND DOOR DESIGNATIONS IN CORE, SEE ENLARGED CORE PLANS A-400 TO A-433.
3. CONCRETE PADS WILL BE REQUIRED UNDERNEATH MEP EQUIPMENT. COORDINATE EXTENT AND CONFIGURATION OF CURB WITH FINAL MEP EQUIPMENT CUT SHEET.

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Key Plan

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Project No.
Scale

Drawn By
Issue Date:

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2. FOR WALL TYPE AND DOOR DESIGNATIONS IN CORE, SEE ENLARGED CORE PLANS

6. WP01 TO RUN UP AND OVER ALL CONCRETE CURBS AND FILLS

7. INCLUDE 4" HIGH CONCRETE FILL PAD WHERE TRUSS MEETS CONCRETE STRUCTURAL

4'-1 1/2" 9'-10 1/2"

future tenant emergency transformer vault b

vault d

vault e

flues above, coordinate future tenant emergency transformer vault a

es

4'-6" compartment

access

handrail each side

perimeter plenum from exterior curtain wall to include painted gyp walls, finished ceilings, and lighting, typ

grey, final custom color

slab above - 15'-4" above t.o.s.

to mezzanine above, ships ladder access

access

handrail each side

fire service stair c

full height interior slabs above - 17'-0" above t.o.s.

compartment

access

handrail each side

fire service stair c

full height interior slabs above - 17'-0" above t.o.s.
GENERAL NOTES:

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2. FOR WALL TYPE AND DOOR DESIGNATIONS IN CORE, SEE ENLARGED CORE PLANS A-400 TO A-433.

3. CONCRETE PADS WILL BE REQUIRED UNDERNEATH MEP EQUIPMENT. COORDINATE EXTENT AND CONFIGURATION OF CURB WITH FINAL MEP EQUIPMENT CUT SHEET.

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RISER ACCESS TO BE PROVIDED ABOVE CEILING LINE, TYPICAL. REFER TO MEP DOCUMENTS FOR EXACT LOCATION.

FLOOR SINK, SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

ACCESS TO BE PROVIDED ABOVE CEILING LINE, TYPICAL. REFER TO MEP DOCUMENTS FOR EXACT LOCATION.

ADA COMPLIANT WATER FOUNTAIN TO BE PROVIDED BY TENANT.

2" HIGH LANDING FLUSH TO OFFICE FINISH FLOOR WITH 2' LONG RAMP AND 4" HIGH CURB ON BOTH SIDES

ACCESS TO BE PROVIDED ABOVE CEILING LINE, TYPICAL. REFER TO MEP DOCUMENTS FOR EXACT LOCATION.
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FLOOR SINK, SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

ADA COMPLIANT WATER FOUNTAIN TO BE PROVIDED BY TENANT.
GENERAL NOTES:
1. INDICATED ON A-200.
2. A-400 TO A-433.
3. FOR ALL INTERIOR LOUVERS, PROVIDE INSULATED BACK OF PANEL AT BACK OF LOUVERS, FOR ALL NON-ACTIVE CONDITIONS - COORDINATE WITH MEP DOCUMENTS.
4. CONCRETE PADS WILL BE REQUIRED UNDERNEATH MEP EQUIPMENT. COORDINATE EXTENT AND CONFIGURATION OF CURB WITH FINAL MEP EQUIPMENT CUT SHEET.
5. LIGHTING IS REQUIRED IN THE PERIMETER PLENUM ON ALL MECHANICAL FLOORS. FINAL LIGHTING STRATEGY TBD.
6. SLAB. BRING TRAFFIC COATING UP AND OVER PAD.
7. INCLUDE PAINTED GYP WALLS, STAINLESS STEEL CLADDING & INSULATION, TYP.) EXTERIOR CURTAIN WALL TO 499 PARK AVENUE.
8. STRUCTURAL BAY.
9. LIFE SAFETY EMERGENCY DEVELOPMENT ADVISOR STANCE STRENGTH.
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2. FOR ALL INTERIOR LOUVERS, PROVIDE INSULATED BACK OF PANEL AT BACK OF LOUVERS, FOR ALL NON-ACTIVE CONDITIONS - COORDINATE WITH MEP DOCUMENTS.

3. CONCRETE PADS WILL BE REQUIRED UNDERNEATH MEP EQUIPMENT. COORDINATE EXTENT AND CONFIGURATION OF CURB WITH FINAL MEP EQUIPMENT CUT SHEET.

4. LIGHTING IS REQUIRED IN THE PERIMETER PLENUM ON ALL MECHANICAL FLOORS. FINAL LIGHTING STRATEGY TBD.

5. INCLUDE 4" HIGH CONCRETE FILL PAD WHERE TRUSS MEETS CONCRETE STRUCTURAL SLAB.
GENERAL NOTE:
1. SPOT ELEVATIONS NOTED IN PLAN ARE RELATIVE TO THEIR ASSOCIATED LEVEL LINES INDICATED ON A-200.
2. FOR WALL TYPE AND DOOR DESIGNATIONS IN CORE, SEE ENLARGED CORE PLANS A-400 TO A-433.
3. CONCRETE PADS WILL BE REQUIRED UNDERNEATH MEP EQUIPMENT. COORDINATE EXTENT AND CONFIGURATION OF CURB WITH FINAL MEP EQUIPMENT CUT SHEET.

PIPE CHASE

FLOOR SINK, SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION

ADA COMPLIANT WATER FOUNTAIN TO BE PROVIDED BY TENANT.
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3. FOR ALL INTERIOR LOUVERS, PROVIDE INSULATED BACK OF PANEL AT BACK OF LOUVERS, FOR ALL NON-ACTIVE CONDITIONS - COORDINATE WITH MEP DOCUMENTS.
4. LIGHTING IS REQUIRED IN THE PERIMETER PLENUM ON ALL MECHANICAL FLOORS. FINAL LIGHTING STRATEGY TBD.
5. INCLUDE 4" HIGH CONCRETE FILL PAD WHERE TRUSS MEETS CONCRETE STRUCTURAL TRUSS - SEE DOCUMENTS FOR EXACT STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
1. NOTE: INDICATED ON A-200.

2. FOR WALL TYPE AND DOOR DESIGNATIONS IN CORE, SEE ENLARGED CORE PLANS A-400 TO 3. CORE AND SHELL DESIGN FOR THIS LEVEL TO REFLECT 'WHITE BOX' DELIVERY TO

4. TOILETS / TOILET FIXTURES NOT SHOWN, BUT SCOPE SHOULD BE INCLUDED TO REFLECT

5. FINAL FITOUT DESIGN WILL NEED TO DEFINE ACTUAL TOILET AND FIXTURE COUNT.

6. FOR ALL INTERIOR LOUVERS, PROVIDE INSULATED BACK OF PANEL AT BACK OF LOUVERS, FOR ALL NON-ACTIVE CONDITIONS - COORDINATE WITH MEP DOCUMENTS

7. CONCRETE PADS WILL BE REQUIRED UNDERNEATH MEP EQUIPMENT.  COORDINATE EXTENT

8. LIGHTING IS REQUIRED IN THE PERIMETER PLENUM ON ALL MECHANICAL FLOORS.  FINAL

FINISHED CORRIDOR BEHIND EXTERIOR CURTAIN WALL TO

LIGHTING REQUIRED IN PLENUM ON ALL MECH. FLOORS.  FINAL

FINISHED CEILINGS, AND LIGHTING STRATEGY TBD.
**NOTE:**

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2. FOR WALL TYPE AND DOOR DESIGNATIONS IN CORE, SEE ENLARGED CORE PLANS A-400 TO A-433.
3. CORE AND SHELL DESIGN FOR THIS LEVEL TO REFLECT 'WHITE BOX' DELIVERY TO ACCOMMODATE FUTURE TENANT FITOUT DESIGN.
4. TOILETS / TOILET FIXTURES NOT SHOWN, BUT SCOPE SHOULD BE INCLUDED TO REFLECT CORE / SHELL REQUIREMENTS.
5. FINAL FITOUT DESIGN WILL NEED TO DEFINE ACTUAL TOILET AND FIXTURE COUNT.
6. CONCRETE PADS WILL BE REQUIRED UNDERNEATH MEP EQUIPMENT. COORDINATE EXTENT AND CONFIGURATION OF CURB WITH FINAL MEP EQUIPMENT CUT SHEET.

**PROJECT:**

ONE VANDERBILT

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Code Consultants, Inc.
215 West 40th Street, 15th Floor
New York, NY 10018
Tel: 212.216.9596 Fax: 212.216.9619
1. ALL EXTERIOR STEEL NOT ENCASED IN CONCRETE OR NOT TO RECEIVE SPRAY FIREPROOFING OR INTUMESCENT PAINT IS TO BE GLAVANIZED WITH SURFACE PREP AND TWO COAT PAINT SYSTEM, CUSTOM COLOR TBD. SEE STRUCTURAL SPECIFICATION SECTION 051200 FOR ADDITIONAL INFORMATION.

2. SPOT ELEVATIONS NOTED IN PLAN ARE RELATIVE TO THEIR ASSOCIATED LEVEL LINES INDICATED ON A-200.

3. FOR WALL TYPE AND DOOR DESIGNATIONS IN CORE, SEE ENLARGED CORE PLANS A-400 TO A-433.

4. ROOF EQUIPMENT SHOWN FOR REFERENCE ONLY. SEE MEP DRAWINGS FOR FULL MECHANICAL EQUIPMENT LAYOUT.

5. CONCRETE PADS WILL BE REQUIRED UNDERNEATH MEP EQUIPMENT. COORDINATE EXTENT AND CONFIGURATION OF CURB WITH FINAL MEP EQUIPMENT CUT SHEET.

6. LIGHTING IS REQUIRED ABOVE ROOF, FINAL DESIGN TBD.
1. ALL EXTERIOR STEEL NOT ENCASED IN CONCRETE OR NOT TO RECEIVE SPRAY FIREPROOFING OR INTUMESCENT PAINT IS TO BE GALVANIZED WITH SURFACE PREP AND TWO COAT PAINT SYSTEM, CUSTOM COLOR TBD. SEE STRUCTURAL SPECIFICATION SECTION 051200 FOR ADDITIONAL INFORMATION.

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4. ROOF EQUIPMENT SHOWN FOR REFERENCE ONLY. SEE MEP DRAWINGS FOR FULL MECHANICAL EQUIPMENT LAYOUT.

5. CONCRETE PADS WILL BE REQUIRED UNDERNEATH MEP EQUIPMENT. COORDINATE EXTENT AND CONFIGURATION OF CURB WITH FINAL MEP EQUIPMENT CUT SHEET.

6. LIGHTING IS REQUIRED ABOVE ROOF, FINAL DESIGN TBD.
GENERAL NOTES:
1. ALL EXTERIOR STEEL NOT ENCASED IN CONCRETE OR NOT TO RECEIVE SPRAY FIREPROOFING OR INTUMESCENT PAINT IS TO BE GLAVANIZED WITH SURFACE PREP AND TWO COAT PAINT SYSTEM, CUSTOM COLOR TBD. SEE STRUCTURAL SPECIFICATION SECTION 051200 FOR ADDITIONAL INFORMATION.
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5. CONCRETE PADS WILL BE REQUIRED UNDERNEATH MEP EQUIPMENT. COORDINATE EXTENT AND CONFIGURATION OF CURB WITH FINAL MEP EQUIPMENT CUT SHEET.
6. LIGHTING IS REQUIRED ABOVE ROOF, FINAL DESIGN TBD.
OPEN TO BELOW
SHIPS LADDER TO COOLING TOWER ACCESS LEVEL

TUNED MASS DAMPER - LOCATION AND SIZE TBD
TMD SUPPORT TRUSS
TMD DOOR FINAL LOCATION AND SIZE TBD
LOUVERS - FINAL DESIGN AND LOCATION TBD
UP DN MAINTENANCE CATWALK RAILING, TYP.
METAL PANEL PARAPET WITH SCUPPERS

GENERAL NOTES:
1. ALL EXTERIOR STEEL NOT ENCASED IN CONCRETE OR NOT TO RECEIVE SPRAY FIREPROOFING OR INTUMESCENT PAINT IS TO BE GLAVANIZED WITH SURFACE PREP AND TWO COAT PAINT SYSTEM, CUSTOM COLOR TBD. SEE STRUCTURAL SPECIFICATION SECTION 051200 FOR ADDITIONAL INFORMATION.
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5. CONCRETE PADS WILL BE REQUIRED UNDERNEATH MEP EQUIPMENT. COORDINATE EXTENT AND CONFIGURATION OF CURB WITH FINAL MEP EQUIPMENT CUT SHEET.
6. LIGHTING IS REQUIRED ABOVE ROOF, FINAL DESIGN TBD.

E.L. 0' - 0"
E.L. -15' - 0"
SL Green 420 Lexington Avenue, 18th Floor
New York, NY 10170 Tel: 212.356.4149 Fax: 212.216.1796 Developer

Hines 499 Park Avenue
New York, NY 10022 Tel: 212.230.2300 Fax: 212.230.2276 Development Advisor

Kohn Pedersen Fox Associates PC
11 West 42nd Street
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Severud Associates Consulting Engineers
469 Seventh Avenue, Suite 900
New York, NY 10018 Tel: 212.986.3700 Fax: 212.687.6467 Structural Engineer

Jaros Baum & Bolles
80 Pine Street
New York, NY 10013 Tel: 212.530.9300 Fax: 212.269.5894 Mechanical, Electrical, Plumbing, Fire Protection

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
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New York, NY 10001 Tel: 212.479.5400 Fax: 212.479.5444 Civil / Geotechnical Engineer

Van Deusen & Associates
5 Regent Street, Suite 524
Livingston, NJ 07039 Tel: 973.994.9220 Fax: 973.994.2539 Vertical Transportation

Code Consultants, Inc.
215 West 40th Street, 15th Floor
New York, NY 10018 Tel: 212.216.9596 Fax: 212.216.9619 Code Consulting

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FUTURE COOLING TOWER BELOW

BMU SHOWN FOR REFERENCE ONLY - SEE FACADE MAINTENANCE DRAWINGS FOR ADDITIONAL INFORMATION

GALVANIZED STEEL BMU TRACK - SEE FACADE MAINTENANCE DRAWINGS FOR ADDITIONAL INFORMATION

GALVANIZED STEEL GRATING

LINE OF TRUSS ABOVE

GALVANIZED STEEL MAINTENANCE GRATING

HOISTWAY OPENING, WITH RAILING AT PERIMETER

PROVIDE COWL FOR COOLING TOWER PLUME (FROM TOP OF COOLING TOWERS TO SETBACK ABOVE) - COWL TO BE GALVANIZED STEEL WITH SURFACE PREP AND TWO COAT PAINT SYSTEM. SEE STRUCTURAL SPEC.

GENERAL NOTES:
1. ALL EXTERIOR STEEL NOT ENCASED IN CONCRETE OR NOT TO RECEIVE SPRAY FIREPROOFING OR INTUMESCENT PAINT IS TO BE GALVANIZED WITH SURFACE PREP AND TWO COAT PAINT SYSTEM, CUSTOM COLOR TBD. SEE STRUCTURAL SPECIFICATION SECTION 051200 FOR ADDITIONAL INFORMATION.
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4. ROOF EQUIPMENT SHOWN FOR REFERENCE ONLY. SEE MEP DRAWINGS FOR FULL MECHANICAL EQUIPMENT LAYOUT.
5. CONCRETE PADS WILL BE REQUIRED UNDERNEATH MEP EQUIPMENT. COORDINATE EXTENT AND CONFIGURATION OF CURB WITH FINAL MEP EQUIPMENT CUT SHEET.
6. LIGHTING IS REQUIRED ABOVE ROOF, FINAL DESIGN TBD.
TMD ROOF ACCESS

A-210

A-200

A-200

A-200

A-200

A-200

A-200

TMD ROOF ACCESS

A-164.00

ONE VANDERBILT

MADISON AVENUE

EAST 43RD STREET

VANDERBILT

EAST 42ND STREET

1/8" = 1'-0"

09-30-2016

ONE VANDERBILT

Jaros Baum & Bolles

80 Pine Street

New York, NY 10013

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New York, NY 10036

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Architect

Severud Associates Consulting Engineers

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New York, NY 10018

Tel: 212.986.3700 Fax: 212.687.6467

Structural Engineer

Developer

Hines

499 Park Avenue

New York, NY 10022

Tel: 212.230.2300 Fax: 212.230.2276

Development Advisor

General Notes:

1. ALL EXTERIOR STEEL NOT ENCASED IN CONCRETE OR NOT TO RECEIVE SPRAY FIREPROOFING OR INTUMESCENT PAINT IS TO BE GALVANIZED WITH SURFACE PREP AND TWO COAT PAINT SYSTEM, CUSTOM COLOR TBD. SEE STRUCTURAL SPECIFICATION SECTION 051200 FOR ADDITIONAL INFORMATION.

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5. CONCRETE PADS WILL BE REQUIRED UNDERNEATH MEP EQUIPMENT. COORDINATE EXTENT AND CONFIGURATION OF CURB WITH FINAL MEP EQUIPMENT CUT SHEET.

6. LIGHTING IS REQUIRED ABOVE ROOF, FINAL DESIGN TBD.

7. RAILING AT PERIMETER WHERE GRATING DOES NOT MEET CURTAINWALL METAL PANEL PARAPET WITH SCUPPER

8. GALVANIZED STEEL STAIR & RAILING

9. MAINTENANCE CATWALK RAILING AT CATWALK PERIMETER

10. MAINTENANCE CATWALK RAILING AT CATWALK PERIMETER

11. OPEN TO BELOW

12. OPEN TO BELOW

13. RAILING AT CATWALK PERIMETER
GENERAL NOTES:
1. ALL EXTERIOR STEEL NOT ENCASED IN CONCRETE OR NOT TO RECEIVE SPRAY FIREPROOFING OR INTUMESCENT PAINT IS TO BE GALVANIZED WITH SURFACE PREP AND TWO COAT PAINT SYSTEM, CUSTOM COLOR TBD. SEE STRUCTURAL SPECIFICATION SECTION 051200 FOR ADDITIONAL INFORMATION.
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3. CONCRETE PADS WILL BE REQUIRED UNDERNEATH MEP EQUIPMENT. COORDINATE EXTENT AND CONFIGURATION OF CURB WITH FINAL MEP EQUIPMENT CUT SHEET.
4. LIGHTING IS REQUIRED ABOVE ROOF, FINAL DESIGN TBD.

COGEN AND GENERATOR FLUES - SEE MEP DRAWINGS FOR EXACT LOCATION - FINAL LOCATION TBD PER ONGOING COORDINATION
GENERAL NOTES:
1. ALL EXTERIOR STEEL NOT ENCASED IN CONCRETE OR NOT TO RECEIVE SPRAY FIREPROOFING OR INTUMESCENT PAINT IS TO BE GALVANIZED WITH SURFACE PREP AND TWO COAT PAINT SYSTEM, CUSTOM COLOR TBD. SEE STRUCTURAL SPECIFICATION SECTION 051200 FOR ADDITIONAL INFORMATION.
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6. LIGHTING IS REQUIRED ABOVE ROOF, FINAL DESIGN TBD.

ACCESS OPENING, LADDER WITH RAILING AROUND, FROM STAIR TERMINATION 15'-0" BELOW BMU 3 LEVEL - SEE A-243 FOR DETAILS

HOSE BIBS AND OUTLETS REQUIRED FOR FACADE MAINT. SEE FM, PLUMBING AND ELEC. DRAWINGS, FINAL LOCATION TBD

GALVANIZED STEEL MAINTENANCE GRATING

Jaros Baum & Bolles
80 Pine Street
New York, NY 10013
Tel: 212.530.9300 Fax: 212.269.5894
Mechanical, Electrical, Plumbing, Fire Protection
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
21 Penn Plaza, 360 West 31 Street, 8th Floor
New York, NY 10001
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Civil / Geotechnical Engineer
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Vertical Transportation Code Consultants, Inc.
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New York, NY 10018
Tel: 212.216.9596 Fax: 212.216.9619
Code Consulting

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METAL ROOFING

BMU SHOWN FOR REFERENCE ONLY - SEE FACADE MAINTENANCE DRAWINGS FOR ADDITIONAL INFORMATION

GENERATOR FLUES, TYP. - SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION - PROVIDE STAINLESS STEEL CLADDING AND INSULATION; SEE ELEVATIONS ON A-200 FOR LIFE SAFETY FLUE AND FUTURE TENANT GENERATOR FLUE LOCATIONS AND QUANTITIES

REFERENCE FACADE MAINTENANCE DRAWINGS FOR TRANSFER TRACKS IN THIS AREA

METAL COPING

EL: 316' - 6"  105' - 0"  1203' - 10"  1143' - 10"  1307' - 2"

GUTTERS, SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION

GENERAL NOTES:
1. ALL EXTERIOR STEEL NOT ENCASED IN CONCRETE OR NOT TO RECEIVE SPRAY FIREPROOFING OR INTUMESCENT PAINT IS TO BE GLAVANIZED WITH SURFACE PREP AND TWO COAT PAINT SYSTEM, CUSTOM COLOR TBD. SEE STRUCTURAL SPECIFICATION SECTION 051200 FOR ADDITIONAL INFORMATION.

2. SPOT ELEVATIONS NOTED IN PLAN ARE RELATIVE TO NAVD88, SEE A-200.
GENERAL NOTES:

1. All Elevations are shown in NAVD88.
2. Diesel exhaust flues shown for future location only and should not be installed with base building.
3. For key of typical wall types, see A-241.
4. Future tenant diesel exhaust flues shown for future location only.

Developer
SL Green
420 Lexington Avenue, 18th Floor
New York, NY 10170

Architect
NAVD88 1351' - 0"
11 West 42nd Street
New York, NY 10018

Civil / Geotechnical Engineer
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
5 Regent Street, Suite 524
Livingston, NJ 07039
Tel: 973.994.9220 Fax: 973.994.2539

Platform 1 - Mechanical Access
Level 59 - Roof
NAVD88 1083' - 10"

Platform 2 - Cooling Tower Access
NAVD88 1114' - 8"

Platform 3 - Mechanical Access
Level 58
NAVD88 1063' - 10"

Platform 4 - Mechanical Access
Level 57
NAVD88 1039' - 10"

Platform 5 - Mechanical Access
TMD Roof
NAVD88 1159' - 8"
NAVD88 1143' - 10"

Platform 6 - Mechanical Access
BMU 2 T.O. Grating
Mechanical, Electrical, Plumbing, Fire Protection
80 Pine Street

EMERGENCY GENERATOR

CURTAIN WALL PANELS TO BE REMOVABLE BETWEEN GL 19 AND 20 ON L56

SECONDARY INSULATION
COVER AND THERMAL INSULATION
PROVIDE STAINLESS STEEL COVER AND THERMAL INSULATION

Platform 7 - Mechanical Access
Level 56
NAVD88 1019' - 10"

Platform 8 - Mechanical Access
Level 55
NAVD88 999' - 10"

Platform 9 - Mechanical Access
Level 54
NAVD88 963' - 4"

Platform 10 - Mechanical Access
Level 53
NAVD88 946' - 10"

Platform 11 - Mechanical Access
Level 52
NAVD88 920' - 10"

Platform 12 - Mechanical Access
Level 51
NAVD88 903' - 10"

Platform 13 - Mechanical Access
Level 50
NAVD88 888' - 10"

Platform 14 - Mechanical Access
Level 49
NAVD88 873' - 10"

Platform 15 - Mechanical Access
Level 48
NAVD88 860' - 0"

Platform 16 - Mechanical Access
Level 47
NAVD88 846' - 0"

Platform 17 - Mechanical Access
Level 46
NAVD88 826' - 10"

Platform 18 - Mechanical Access
Level 45
NAVD88 802' - 10"

Platform 19 - Mechanical Access
Level 44
NAVD88 794' - 10"

Platform 20 - Mechanical Access
Level 43
NAVD88 779' - 8"

Platform 21 - Mechanical Access
Level 42
NAVD88 764' - 0"

Platform 22 - Mechanical Access
Level 41
NAVD88 749' - 4"

Platform 23 - Mechanical Access
Level 40
NAVD88 734' - 2"

Platform 24 - Mechanical Access
Level 39
NAVD88 719' - 0"

Platform 25 - Mechanical Access
Level 38
NAVD88 703' - 10"

Platform 26 - Mechanical Access
Level 37
NAVD88 688' - 8"

Platform 27 - Mechanical Access
Level 36
NAVD88 673' - 10"

Platform 28 - Mechanical Access
Level 35
NAVD88 658' - 4"

Platform 29 - Mechanical Access
Level 34
NAVD88 643' - 0"

Platform 30 - Mechanical Access
Level 33
NAVD88 628' - 0"

Platform 31 - Mechanical Access
Level 32
NAVD88 603' - 0"

Platform 32 - Mechanical Access
Level 31
NAVD88 579' - 0"

Platform 33 - Mechanical Access
Level 30
NAVD88 564' - 6"

Platform 34 - Mechanical Access
Level 29
NAVD88 550' - 0"

Platform 35 - Mechanical Access
Level 28
NAVD88 536' - 0"

Platform 36 - Mechanical Access
Level 27
NAVD88 521' - 0"

Platform 37 - Mechanical Access
Level 26
NAVD88 506' - 6"

Platform 38 - Mechanical Access
Level 25
NAVD88 492' - 0"

Platform 39 - Mechanical Access
Level 24
NAVD88 477' - 6"

Platform 40 - Mechanical Access
Level 23
NAVD88 463' - 0"

Platform 41 - Mechanical Access
Level 22
NAVD88 448' - 6"

Platform 42 - Mechanical Access
Level 21
NAVD88 433' - 0"

Platform 43 - Mechanical Access
Level 20
NAVD88 419' - 0"

Platform 44 - Mechanical Access
Level 19
NAVD88 405' - 0"

Platform 45 - Mechanical Access
Level 18
NAVD88 390' - 6"

Platform 46 - Mechanical Access
Level 17
NAVD88 376' - 0"

Platform 47 - Mechanical Access
Level 16
NAVD88 362' - 0"

Platform 48 - Mechanical Access
Level 15
NAVD88 347' - 0"

Platform 49 - Mechanical Access
Level 14
NAVD88 332' - 6"

Platform 50 - Mechanical Access
Level 13
NAVD88 318' - 0"

Platform 51 - Mechanical Access
Level 12
NAVD88 304' - 0"

Platform 52 - Mechanical Access
Level 11
NAVD88 265' - 0"

Platform 53 - Mechanical Access
Level 10
NAVD88 247' - 0"

Platform 54 - Mechanical Access
Level 09
NAVD88 229' - 0"

Platform 55 - Mechanical Access
Level 08
NAVD88 211' - 0"

Platform 56 - Mechanical Access
Level 07
NAVD88 193' - 0"

Platform 57 - Mechanical Access
Level 06
NAVD88 175' - 0"

Platform 58 - Mechanical Access
Level 05
NAVD88 157' - 0"

Platform 59 - Mechanical Access
Level 04
NAVD88 125' - 0"

Platform 60 - Mechanical Access
Level 03
T.O. F.O.

Platform 61 - Mechanical Access
Level 02
NAVD88 83' - 0"

Platform 62 - Mechanical Access
Level 01
NAVD88 59' - 0"

1 DOB NEW BUILDING SUBMISSION 09-30-2016
LEVEL 01
NAVD88 63' - 0"

LEVEL 02
NAVD88 83' - 0"

LEVEL 03 T.O.F.F
NAVD88 105' - 0"

LEVEL 04
NAVD88 125' - 0"

LEVEL 05
NAVD88 149' - 0"

LEVEL 06
NAVD88 173' - 0"

LEVEL 07
NAVD88 193' - 0"

LEVEL 08
NAVD88 211' - 0"

LEVEL 09
NAVD88 229' - 0"

LEVEL 10
NAVD88 247' - 0"

LEVEL 11
NAVD88 265' - 0"

LEVEL 12
NAVD88 283' - 0"

LEVEL 13
NAVD88 316' - 0"

LEVEL 14
NAVD88 332' - 6"

LEVEL 15
NAVD88 347' - 0"

LEVEL 16
NAVD88 361' - 6"

GENERAL NOTES:

1. ALL ELEVATIONS ARE SHOWN IN NAVD88
2. UNLESS OTHERWISE NOTED, LEVEL LINES INDICATE T.O.S
3. CURTAINWALL SHADING HAS BEEN UPDATED FOR GRAPHIC CLARITY ONLY
4. FUTURE TENANT DIESEL EXHAUST FLUES SHOWN FOR FUTURE LOCATION ONLY AND SHOULD NOT BE INSTALLED WITH BASE BUILDING
5. FOR KEY OF TYPICAL WALL TYPES, SEE A-300
FULL ELEVATIONS - NORTH AND WEST

PARTIAL PODIUM ELEVATIONS - NORTH AND WEST

LEVEL 01
NAVD88 63' - 0"

LEVEL 02
NAVD88 83' - 0"

LEVEL 03
T.O.F.F
NAVD88 105' - 0"

LEVEL 04
NAVD88 125' - 0"

LEVEL 05
NAVD88 149' - 0"

LEVEL 06
NAVD88 173' - 0"

LEVEL 07
NAVD88 193' - 0"

LEVEL 08
NAVD88 211' - 0"

LEVEL 09
NAVD88 229' - 0"

LEVEL 10
NAVD88 247' - 0"

LEVEL 11
NAVD88 265' - 0"

LEVEL 12
NAVD88 283' - 0"

LEVEL 13
NAVD88 316' - 0"

LEVEL 14
NAVD88 332' - 0"

LEVEL 15
NAVD88 347' - 0"

LEVEL 16
NAVD88 361' - 0"

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5. FOR KEY OF TYPICAL WALL TYPES, SEE A-300

MADISON AVENUE
EAST 43RD STREET
VANDERBILT
EAST 42ND STREET

1/16" = 1'-0"

09-30-2016
MECHANICAL

GENERAL NOTES:

NAVD88 173' - 0"

INTENT ONLY. FOR ADDITIONAL DETAILS, REFERENCE STANTEC DRAWINGS

PERIMETER CORRIDOR

5' - 0"

PERIMETER CORRIDOR

GALVANIZED STEEL

WITH GUARDRAIL AND SAFETY ANCHORAGE

FINISHED CORRIDOR TO MECHANICAL

24'-0" 24'-0" 20'-0" 22'-0" 20'-0"

GYPSUM BOARD PARTITION

MECHANICAL CEILING CAVITY TO INCLUDE PAINTED GWB

CURTAINWALL TO CONCEAL WALLS, CEILINGS, AND TERRACOTTA CEILING LIGHTING

MECHANICAL

CEILING CAVITY TO INCLUDE PAINTED GWB

LEVEL 05

NAVD88 149' - 0"

LEVEL 04

NAVD88 125' - 0"

LEVEL 03 TOFF

MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION

Jaros Baum & Bolles

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Civil / Geotechnical Engineer

ARCHITECTS & PLANNING CONSULTANTS

Kohn Pedersen Fox Associates PC

2 North-South Partial Section Looking West

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

2 NORTH-SOUTH PARTIAL SECTION LOOKING WEST

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

1 NORTH-SOUTH PARTIAL SECTION LOOKING WEST

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

1 NORTH-SOUTH PARTIAL SECTION LOOKING WEST

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

1 NORTH-SOUTH PARTIAL SECTION LOOKING WEST

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

1 NORTH-SOUTH PARTIAL SECTION LOOKING WEST

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

1 NORTH-SOUTH PARTIAL SECTION LOOKING WEST

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

1 NORTH-SOUTH PARTIAL SECTION LOOKING WEST

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

1 NORTH-SOUTH PARTIAL SECTION LOOKING WEST

SCALE: 1/8" = 1'-0"
LEVEL 01
NAVD88 63'-0"
LEVEL 02
NAVD88 83'-0"
LEVEL 03 T.O.F.F.
NAVD88 105'-0"
LEVEL 04
NAVD88 125'-0"
LEVEL 05
NAVD88 149'-0"
LEVEL 06
NAVD88 173'-0"
LEVEL CELLAR - GCT
NAVD88 46'-0"

C-A
C-C
C-D
C-B
2
A-225
_____________________
1
A-225
_____________________
G15
WT-07
WT-08
TC2
SOFFIT
S6
TRANSIT HALL
S5
COLUMN COVER
OFFICE
S7
LOBBY
TC2
SOFFIT
24'-0" 24'-0" 20'-0" 20'-0"
OPEN TO BEYOND
OPEN TO BEYOND
2 HR RATED DRYWALL PARTITION ABOVE CEILING
STRUCTURAL FRAMING FOR TERRA COTTA CEILING; COORDINATE LOCATIONS WITH MONORAIL TRACK & MEP SERVICES; SEE STRUCTURAL DRAWINGS FOR ADDITIONAL DETAILS
PERIMETER CORRIDOR
PERIMETER CORRIDOR
OPEN TO BEYOND
OPEN TO BEYOND
G12
TC2
CEILING
S6
S6
LOBBY FEATURE WALL
FINAL DESIGN TBD
G15
BEHIND SCREEN
STRUCTURAL FRAMING
GALVANIZED STEEL MAINTENANCE CATWALK WITH GUARDRAIL AND SAFETY ANCHORAGE
G12

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DOCK BUMPER, TYP.

TM A SCOPE SHOWN FOR DESIGN

REFERENCE STANTEC DRAWINGS

LEVEL 01 NAVD88 63' - 0"

CHASE FOR MTA SUPPLY/RETURN DUCTWORK

SL Green SEE STANTEC DRAWINGS

POE RETAIL PUBLIC

Development Advisor
New York, NY 10022

MECHANICAL EQUIPMENT TRUCK

TANK 1 WATER ELEVATOR-1	TANK 2 EQUIPMENT

PLATFORM

SAFETY CORRIDOR

TANK RM 1 PUMP RM 1

TANK RM 2 TANK RM 3 TANK RM 4 TANK RM 5

JAROS BAUM & BOLLES
New York, NY 10013

MECHANICAL TANK 1 WATER

ELEVATOR-1

MECHANICAL TANK 2 EQUIPMENT

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
New York, NY 10018

Mechanical, Electrical, Plumbing, Fire Protection Vertical Transportation
Van Deusen & Associates
5 Regent Street, Suite 524
Livingston, NJ 07039
Tel: 973.994.9220 Fax: 973.994.2539

Architect
Kohn Pedersen Fox Associates PC
11 West 42nd Street
New York, NY 10036
Tel: 212.977.6500  Fax: 212.956.2526

MECHANICAL EQUIMENT

TRUCK

LEVEL SUB-CELLAR 1 - SPNAVD88 34' - 2"

LEVEL SUB-CELLAR 2 - LDNAVD88 20' - 8"

CODE CONSULTING
New York, NY 10018
Tel: 212.216.9596 Fax: 212.216.9619

S9

Tel: 212.356.4149 Fax: 212.216.1796

Development Advisor
New York, NY 10022

TRANSPORT SCOPE TRANSIT SCOPE

LEVEL 00 NAVD88 60' - 4"

Sim 60' - 4"

A-025

Scale: 1/8" = 1'-0"
A-365

LEVEL 55
NAVD88 999' - 10"
LEVEL 56
NAVD88 1019' - 10"
LEVEL 57
NAVD88 1043' - 10"
LEVEL 58
NAVD88 1063' - 10"
LEVEL 59 - ROOF
NAVD88 1083' - 10"

PLATFORM 2 - COOLING TOWER ACCESS T.O. GRATING
NAVD88 1114' - 8"
PLATFORM 6 - MECHANICAL ACCESS - BMU 2 T.O. GRATING
NAVD88 1203' - 10"
PLATFORM 8 - MECHANICAL ACCESS - BMU 3 T.O. GRATING
NAVD88 1307' - 2"

T.O. SPIRE
NAVD88 1464' - 0"
TOP OF BUILDING
NAVD88 1351' - 0"

PLATFORM 4 - MECHANICAL ACCESS - BMU 1 T.O. GRATING
NAVD88 1143' - 10"
PLATFORM 1 - MECHANICAL ACCESS
NAVD88 1099' - 8"
PLATFORM 3 - TMD ACCESS
NAVD88 1129' - 8"
PLATFORM 5 - MECHANICAL ACCESS - TMD ROOF
NAVD88 1159' - 8"
PLATFORM 7 - CATWALK ACCESS

14'-6" 14'-6" 14'-6" 14'-6" 14'-6" 14'-6" 14'-6" 14'-6" 15'-0" 15'-10" 14'-2" 15'-0" 15'-0" 15'-10" 14'-2" 15'-0" 15'-0" 15'-10" 19'-2" 0'-10"
19'-2" 0'-10" 23'-2" 0'-10" 19'-2" 0'-10"
113'-0" 0'-4" 113'-0" 0'-4"

GALVANIZED STEEL SPIRE PAINTED WHITE - FINAL DESIGN TBD
COGEN AND BOILER EXHAUST FLUES THERMALLY INSULATED AND CLAD WITH STAINLESS STEEL COVER

SL Green
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Developer

Key Plan
Hines
499 Park Avenue
New York, NY 10022
Tel: 212.230.2300 Fax: 212.230.2276
Development Advisor

Project No.
Scale
Drawn By
Issue Date:

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Vertical Transportation

Code Consultants
2 HOUR FIRE RATED SHAFT WALL BEHIND CURTAIN WALL (SHADOWBOX)

2 HOUR RATED FIRE WALL FINISHED CORRIDOR BEHIND EXTERIOR CURTAIN WALL TO INCLUDE PAINTED GYPSUM WALLS, FINISHED CEILINGS, AND LIGHTING, TYP

LEVEL 5 SLAB ABOVE

ACCESS TO CAT WALK AT LEVEL 4

DROP THROUGH SLEEVES SEE FM DRAWINGS

RAILINGS AT CATWALK PERIMETER

LEVEL 04 NAVD88 125'-0"

LEVEL 05 NAVD88 149'-0"

LEVEL 06 NAVD88 173'-0"

FINISHED MAINTENANCE ACCESS CORRIDOR

MECHANICAL FINISHED MAINTENANCE ACCESS CORRIDOR
### Floor Wall System

<table>
<thead>
<tr>
<th>Level</th>
<th>Wall Type</th>
<th>Type</th>
<th>Location</th>
<th>Net &amp; Glazed</th>
<th>Wall &amp; Glazed</th>
<th>Minimum Margin</th>
<th>Maximum Margin</th>
<th>Glazed Area</th>
<th>Ceiling Height</th>
<th>Spandrel Height</th>
<th>Vision Height</th>
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*NOTES: Values shown on Specified and two highlighted on the left-hand side are the minimum values required for continued use. Values in parentheses are out of stock and subject to change without notice.*
NOTE: CRITICAL DIMENSIONS ARE NOTED AND MUST BE MAINTAINED. ALL OTHER DIMENSIONS ARE A FUNCTION OF CONTRACTOR'S ENGINEERING SPANDREL DIMENSIONS ARE A FUNCTION OF T.O. MULLION AND T.O.S. MULLION MUST BE MAINTAINED. ALL OTHER VERTICAL DIMENSIONS ARE A FUNCTION OF CEILING INTERIOR SILL. INTERIOR SILL MUST BE MAINTAINED. ALL OTHER VERTICAL DIMENSIONS ARE A FUNCTION OF INTERIOR SILL.

NOTE: CHANGES TO THE OVERALL DESIGN INTENT OF CONTRACTOR'S ENGINEERING ONLY. NOTE THAT THESE CHANGES HAVE BEEN REFLECTED ON SHEET A-300 TO A-310 THAT HAVE BEEN MADE POST AWARD HAVE BEEN CARRIED THROUGH ANY SUBSEQUENT DETAIL SHEETS. CURTAIN WALL SYSTEM AS INTEGRAL TO AN OVERALL CURTAIN TO DETAIL AND ENGINEER THESE CHANGES.

NOTE: SEE 1/A300 FOR VARIABLE DIMENSIONS.
GENERAL NOTES:
1. PROVIDE ALTERNATE TO INCLUDE G1 INSTEAD OF G10 PROVIDE INSULATION, SEE IBA DETAIL SIM. SIM. SIM.
GENERAL NOTES:
NOTE: CURTAIN WALL DETAILS IN A-360 SERIES HAVE NOT BEEN UPDATED IN THIS SET TO REFLECT UPDATES MADE ELSEWHERE IN THE SET. CONTRACTOR IS TO UPDATE DETAILS AS INTEGRAL TO AN OVERALL CURTAIN WALL SYSTEM.
NOTE: MULLION DIMENSIONS SHOWN REFLECT TYPICAL BASIS OF DESIGN. FINAL MULLION SIZE TO BE ENGINEERED BY CONTRACTOR.

GENERAL NOTES:

NOTE: CURTAIN WALL DETAILS IN A-360 SERIES HAVE NOT BEEN UPDATED IN THIS SET TO REFLECT UPDATES MADE ELSEWHERE IN THE SET. CONTRACTOR IS TO UPDATE DETAILS AS INTEGRAL TO AN OVERALL CURTAIN WALL SYSTEM.
ONE VANDERBILT

GENERAL NOTES:

1. SPOT ELEVATIONS NOTED IN PLAN ARE RELATIVE TO THEIR PITCH ONLY. FOR FULL ROOF LAYOUT, SEE A-159.

4. SLOPE CONCRETE TO DRAIN; SLOPE TO BE MINIMUM OF 1/16" THICK.

5. SOPED SLAB LOW POINT ALWAYS -0' - 1" AT DRAIN AND 0' - 0" AT H.P L.P.

ELEVATION REFERENCE FROM LEVEL 59

SCUPPER, TYP.

METAL COPING

METAL PANEL

CONCRETE CURB, TYP.

ELEVATOR OVERRUNS TYP.

TYP. ABOVE

PAVERS ON SHIMS

COPING, TYP.

ELEVATOR TYP.

OVERRUNS ABOVE, TYP.

EL.

0' - 0 1/2"

1' - 5"

1/4" / 1'-0"

11'-5 1/4"12'-4 3/4"1'-0"

22'-10"22'-5"1'-10 3/8"11'-8 5/8"

12'-11 1/2"21'-4"1'-4"14'-10 3/8"28'-4 3/4"

11'-2 1/2" 11'-2 3/8" 9'-3 7/8" 12'-11 1/2"

13'-1 3/8" 5'-1 5/8" 7'-11 3/4" 11'-8 5/8"

11'-2 1/2" 11'-2 1/2" 9'-4 1/8" 11'-2 3/8"

32'-8 5/8" 30'-3 3/8" 26'-2 3/4" 26'-2 7/8"

11'-8 5/8" 11'-5 1/4" 12'-4 3/4" 1'-0"

32'-0 5/8" 30'-0 5/8" 26'-0 5/8" 26'-1 3/8"

11'-8 3/8" 11'-8 3/4" 9'-4 1/8" 11'-2 3/8"

7'-2 3/4" 3'-4" 10'-3 1/4" 12'-4 5/8" 11'-0 7/8"

8" MIN CONCRETE CURB

FLOOR DRAIN TYP.

PAVERS ON PEDESTALS ABOVE, TYP.

3'-7 1/4"

11'-8 5/8"

3'-7 1/4"

11'-8 5/8"

0' - 0 1/2"

1' - 5 1/2"

1/4" / 1'-0"

0' - 0 1/2"

1' - 5 1/2"

1/4" / 1'-0"
GENERAL NOTES:

1. SPOT ELEVATIONS NOTED IN PLAN ARE RELATIVE TO THEIR ASSOCIATED LEVEL LINES INDICATED ON A-200.
2. DRAWING INTENDED FOR ROOF DRAIN LOCATIONS AND SLAB PITCH ONLY. FOR FULL ROOF LAYOUT, SEE A-159.
3. FOR DRAIN SPECIFICATION AND DETAILS, SEE PLUMBING DRAWINGS.
4. SLOPE CONCRETE TO DRAIN; SLOPE TO BE MINIMUM OF 1/16" PER 1'-0". CONCRETE TOPPING AT DRAIN TO BE MIN OF 0'-2" THICK.
5. SOPED SLAB LOW POINT ALWAYS -0'-1" AT DRAIN AND 0'-0" AT HIGH POINT UNLESS OTHERWISE NOTED.
GENERAL NOTES:

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5. SOPED SLAB LOW POINT ALWAYS -0'-1" AT DRAIN AND 0'-0" AT HIGH POINT UNLESS OTHERWISE NOTED.
LEVEL 13 TERRACE SECTION DETAIL

- Custom color painted aluminum coping, configuration TBD
- Self adhered sheet membrane
- Oversized backer rod
- Cold fluid applied waterproofing
- Metal angle

LEVEL 3 TERRACE SECTION DETAIL

- 42" high glass railing
- All finished, surfaces, and equipment in plenum to be painted flat black

Scale: 3" = 1'-0"
GENERAL NOTES:
1. FOR ADDITIONAL PARTITION WALL INFORMATION: SEE A-601 FOR TYPICAL WALL TYPE PARTITION DETAILS
2. LINE SEE A-200 FOR ALL LEVEL LINE NAVD88 INDICATIONS.
3. FOR STAIR DETAILS, FINISH ELEVATIONS, DIMENSIONS AND FINISH WALLS IN TENANT ELEVATOR LOBBIES AND TENANT SEE A-027 FOR ENLARGED ELEVATOR PIT PLANS
4. 7. SEE A-421 FOR TYPICAL CURB SECTIONS.
GENERAL NOTES:

1. FOR ADDITIONAL PARTITION WALL INFORMATION:
   - SEE A-600 FOR PARTITION WALL TYPE SCHEDULE
   - SEE A-601 FOR TYPICAL WALL TYPE PARTITION DETAILS

2. ELEVATIONS SHOWN HERE ARE REFERENCED FROM LEVEL
   - FOR STAIR DETAILS, FINISH ELEVATIONS, DIMENSIONS AND CLEARANCE REQUIREMENTS, SEE ENLARGED STAIR PLAN AND SECTION SHEETS.

4. FINISH WALLS IN TENANT ELEVATOR LOBBIES AND TENANT CORE PERIMETER TO BE PROVIDED BY TENANT.

5. SEE A-027 FOR ENLARGED ELEVATOR PIT PLANS
   - SEE A-460 SERIES FOR ENLARGED ELEVATOR SECTIONS.

7. SEE A-421 FOR TYPICAL CURB SECTIONS.
GENERAL NOTES:

1. FOR ADDITIONAL PARTITION WALL INFORMATION:
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   - SEE A-601 FOR TYPICAL WALL TYPE PARTITION DETAILS

2. ELEVATIONS SHOWN HERE ARE REFERENCED FROM LEVEL LINE.
   SEE A-200 FOR ALL LEVEL LINE NAVD88 INDICATIONS.

3. FOR STAIR DETAILS, FINISH ELEVATIONS, DIMENSIONS AND CLEARANCE REQUIREMENTS, SEE ENLARGED STAIR PLAN AND SECTION SHEETS.

4. FINISH WALLS IN TENANT ELEVATOR LOBBIES AND TENANT CORE PERIMETER TO BE PROVIDED BY TENANT.

5. SEE A-460 SERIES FOR ENLARGED ELEVATOR SECTIONS.

6. SEE A-421 FOR TYPICAL CURB SECTIONS.
FOR ADDITIONAL PARTITION WALL INFORMATION: SEE A-601 FOR TYPICAL WALL TYPE PARTITION DETAILS.

LINE SEE A-200 FOR ALL LEVEL LINE NAVD88 INDICATIONS.

3. CLEARANCE REQUIREMENTS, SEE ENLARGED STAIR PLAN AND SECTION SHEETS.

4. FINISH WALLS IN TENANT ELEVATOR LOBBIES AND TENANT CORE PERIMETER TO BE PROVIDED BY TENANT.

5. SEE A-027 FOR ENLARGED ELEVATOR PIT PLANS.
GENERAL NOTES:

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3. ELEVATIONS SHOWN HERE ARE REFERENCED FROM LEVEL LINE. SEE A-200 FOR ALL LEVEL LINE NAVD88 INDICATIONS.

4. FOR STAIR DETAILS, FINISH ELEVATIONS, DIMENSIONS AND

5. FINISH WALLS IN TENANT ELEVATOR LOBBIES AND TENANT core perimeter to be provided by tenant.

6. SEE A-460 SERIES FOR ENLARGED ELEVATOR SECTIONS.

7. SEE A-421 FOR TYPICAL CURB SECTIONS.

8. FOR ADDITIONAL PARTITION WALL INFORMATION:

9. SEE A-601 FOR TYPICAL WALL TYPE PARTITION DETAILS

10. ELEVATIONS SHOWN HERE ARE REFERENCED FROM LEVEL LINE. SEE A-200 FOR ALL LEVEL LINE NAVD88 INDICATIONS.

11. FOR STAIR DETAILS, FINISH ELEVATIONS, DIMENSIONS AND

12. FINISH WALLS IN TENANT ELEVATOR LOBBIES AND TENANT core perimeter to be provided by tenant.

13. SEE A-460 SERIES FOR ENLARGED ELEVATOR SECTIONS.

14. SEE A-421 FOR TYPICAL CURB SECTIONS.

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Tel: 973.994.9220 Fax: 973.994.2539
ELEVATIONS SHOWN HERE ARE REFERENCED FROM LEVEL 3.

CLEARANCE REQUIREMENTS, SEE ENLARGED STAIR PLAN AND FINISH WALLS IN TENANT ELEVATOR LOBBIES AND TENANT CORE PERIMETER TO BE PROVIDED BY TENANT.

SEE A-600 FOR PARTITION WALL TYPE SCHEDULE
1. ONE VANDERBILT

SEE A-601 FOR TYPICAL WALL TYPE PARTITION DETAILS

2. C-1

3. C-2

4. FOR STAIR DETAILS, FINISH ELEVATIONS, DIMENSIONS AND
   SECTION SHEETS.

5. C-3

6. FINISH WALLS IN TENANT ELEVATOR LOBBIES AND TENANT
   CORE PERIMETER TO BE PROVIDED BY TENANT.

SEE A-027 FOR ENLARGED ELEVATOR PIT PLANS

7. SEE A-460 SERIES FOR ENLARGED ELEVATOR SECTIONS.

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Jaros Baum & Bolles
12-201-A
12-202-B
499 Park Avenue
SLAB ABOVE - 15'-4" ABOVE T.O.S.

Kohn Pedersen Fox Associates PC
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New York, NY 10018
Tel: 212.977.6500  Fax: 212.956.2526

Jaros Baum & Bolles
12-201-A
12-202-B
499 Park Avenue
SLAB ABOVE - 15'-4" ABOVE T.O.S.

Hines
12-202
LINE OF ELEVATOR MACHINE ROOM

PS
1'-3" 5'-0 5/8" 9'-0 3/8" 10'-2" 9'-4" 10'-0" 14'-11 1/4" 7'-7 1/2" 9'-11 1/4" 12'-0"
GENERAL NOTES:

1. FOR ADDITIONAL PARTITION WALL INFORMATION:
   SEE A-601 FOR TYPICAL WALL TYPE PARTITION DETAILS

2. ELEVATIONS SHOWN HERE ARE REFERENCED FROM LEVEL LINE.
   SEE A-200 FOR ALL LEVEL LINE NAVD88 INDICATIONS.

3. FINISH WALLS IN TENANT ELEVATOR LOBBIES AND TENANT
   CORE PERIMETER TO BE PROVIDED BY TENANT.

4. SEE A-460 SERIES FOR ENLARGED ELEVATOR SECTIONS.

5. FOR STAIR DETAILS, FINISH ELEVATIONS, DIMENSIONS AND
   CLEARANCE REQUIREMENTS, SEE ENLARGED STAIR PLAN AND

6. TOFF

---

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Project No.
Scale
Drawing Title
ENLARGED CORE
PLAN LEVEL 13

Sheet 130 of 263

Sheet 130 of 183
GENERAL NOTES:
1. ELEVATIONS SHOWN HERE ARE REFERENCED FROM LEVEL CLEARANCE REQUIREMENTS, SEE ENLARGED STAIR PLAN AND SECTION SHEETS.
2. CORE PERIMETER TO BE PROVIDED BY TENANT.
3. SEE A-027 FOR ENLARGED ELEVATOR PIT PLANS
4. SEE A-460 SERIES FOR ENLARGED ELEVATOR SECTIONS.
GENERAL NOTES:

FOR ADDITIONAL PARTITION WALL INFORMATION:
SEE A-600 FOR PARTITION WALL TYPE SCHEDULE
SEE A-601 FOR TYPICAL WALL TYPE PARTITION DETAILS

ELEVATIONS SHOWN HERE ARE REFERENCED FROM LEVEL LINE
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FOR STAIR DETAILS, FINISH ELEVATIONS, DIMENSIONS AND CLEARANCE REQUIREMENTS, SEE ENLARGED STAIR PLAN AND SECTION SHEETS.

4. FINISH WALLS IN TENANT ELEVATOR LOBBIES AND TENANT
5. SEE A-460 SERIES FOR ENLARGED ELEVATOR SECTIONS.
7. SEE A-421 FOR TYPICAL CURB SECTIONS.
SEE A-600 FOR PARTITION WALL TYPE SCHEDULE
LINE SEE A-200 FOR ALL LEVEL LINE NAVD88 INDICATIONS.

CLEARANCE REQUIREMENTS, SEE ENLARGED STAIR PLAN AND

CORE PERIMETER TO BE PROVIDED BY TENANT.

SEE A-027 FOR ENLARGED ELEVATOR PIT PLANS

2'-9 1/4"

8'-6" 71'-10" 17'-4"

9'-2 1/4" CLEAR

19'-5" CLEAR

11'-1 1/2" CLEAR
ELEVATIONS SHOWN HERE ARE REFERENCED FROM LEVEL LINE. SEE A-200 FOR ALL LEVEL LINE NAVD88 INDICATIONS.

3. FOR STAIR DETAILS, FINISH ELEVATIONS, DIMENSIONS AND CLEARANCE REQUIREMENTS, SEE ENLARGED STAIR PLAN AND SECTION SHEETS.

4. FINISH WALLS IN TENANT ELEVATOR LOBBIES AND TENANT CORE PERIMETER TO BE PROVIDED BY TENANT. SEE A-027 FOR ENLARGED ELEVATOR PIT PLANS. SEE A-460 SERIES FOR ENLARGED ELEVATOR SECTIONS.

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1. For additional partition wall information:

- See A-600 for partition wall type schedule
- See A-601 for typical wall type partition details

2. Elevations shown here are referenced from level line. See A-200 for all level line NAVD88 indications.

For stair details, finish elevations, dimensions and clearance requirements, see enlarged stair plan and section sheets.

5. See A-027 for enlarged elevator pit plans
- See A-460 series for enlarged elevator sections.

7. See A-421 for typical curb sections.
1. FOR ADDITIONAL PARTITION WALL INFORMATION:
   SEE A-600 FOR PARTITION WALL TYPE SCHEDULE
   SEE A-601 FOR TYPICAL WALL TYPE PARTITION DETAILS

2. ELEVATIONS SHOWN HERE ARE REFERENCED FROM LEVEL CLEARANCE REQUIREMENTS, SEE ENLARGED STAIR PLAN AND SECTION SHEETS.

4. FINISH WALLS IN TENANT ELEVATOR LOBBIES AND TENANT CORE PERIMETER TO BE PROVIDED BY TENANT.

5. SEE A-027 FOR ENLARGED ELEVATOR PIT PLANS

6. SEE A-460 SERIES FOR ENLARGED ELEVATOR SECTIONS.

7. SEE A-421 FOR TYPICAL CURB SECTIONS.
GENERAL NOTES:

1. FOR ADDITIONAL PARTITION WALL INFORMATION: SEE A-600 FOR PARTITION WALL TYPE SCHEDULE
   SEE A-601 FOR TYPICAL WALL TYPE PARTITION DETAILS

2. ELEVATIONS SHOWN HERE ARE REFERENCED FROM LEVEL LINE  SEE A-200 FOR ALL LEVEL LINE NAVD88 INDICATIONS.

3. FOR STAIR DETAILS, FINISH ELEVATIONS, DIMENSIONS AND CLEARANCE REQUIREMENTS, SEE ENLARGED STAIR PLAN AND FINISH WALLS IN TENANT ELEVATOR LOBBIES AND TENANT CORE PERIMETER TO BE PROVIDED BY TENANT.

5. SEE A-460 SERIES FOR ENLARGED ELEVATOR SECTIONS.

7. SEE A-421 FOR TYPICAL CURB SECTIONS.
GENERAL NOTES:

1. FOR ADDITIONAL PARTITION WALL INFORMATION:
   - ONE VANDERBILT
   - SEE A-600 FOR PARTITION WALL TYPE SCHEDULE
   - SEE A-601 FOR TYPICAL WALL TYPE PARTITION DETAILS

2. ELEVATIONS SHOWN HERE ARE REFERENCED FROM LEVEL LINE. SEE A-200 FOR ALL LEVEL LINE NAVD88 INDICATIONS.
   FOR STAIR DETAILS, FINISH ELEVATIONS, DIMENSIONS AND CLEARANCE REQUIREMENTS, SEE ENLARGED STAIR PLAN AND CORE PERIMETER TO BE PROVIDED BY TENANT.

5. SEE A-027 FOR ENLARGED ELEVATOR PIT PLANS

6, 7. SEE A-421 FOR TYPICAL CURB SECTIONS.
GENERAL NOTES:
1. FOR ADDITIONAL PARTITION WALL INFORMATION:
   SEE A-600 FOR PARTITION WALL TYPE SCHEDULE
2. ELEVATIONS SHOWN HERE ARE REFERENCED FROM LEVEL
3. FOR STAIR DETAILS, FINISH ELEVATIONS, DIMENSIONS AND CLEARANCE REQUIREMENTS, SEE ENLARGED STAIR PLAN AND SECTION SHEETS.
5. SEE A-027 FOR ENLARGED ELEVATOR PIT PLANS
6. SEE A-460 SERIES FOR ENLARGED ELEVATOR SECTIONS.
7. SEE A-421 FOR TYPICAL CURB SECTIONS.

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Pipe
CHASE 3'-9 3/8" 6" HIGH CURB 9'-2 1/4" CLEAR 2-6 2-3 2

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TYPicated 1' DOB NEW BUILDING SUBMISSION 09-30-2016

1 DOB NEW BUILDING SUBMISSION 09-30-2016

ONE VANDERBILT

EAST 43RD STREET
MADISON AVENUE
EAST 42ND STREET
GENERAL NOTES:
1. FOR ADDITIONAL PARTITION WALL INFORMATION: SEE A-600 FOR PARTITION WALL TYPE SCHEDULE
2. ELEVATIONS SHOWN HERE ARE REFERENCED FROM LEVEL LINE. SEE A-200 FOR ALL LEVEL LINE NAVD88 INDICATIONS.
3. FOR STAIR DETAILS, FINISH ELEVATIONS, DIMENSIONS AND CLEARANCE REQUIREMENTS, SEE ENLARGED STAIR PLAN AND SECTION SHEETS.
4. FINISH WALLS IN TENANT ELEVATOR LOBBIES AND TENANT LOBBY:
   SEE A-027 FOR ENLARGED ELEVATOR PIT PLANS
5. SEE A-460 SERIES FOR ENLARGED ELEVATOR SECTIONS.
6. SEE A-421 FOR TYPICAL CURB SECTIONS.
1. FOR ADDITIONAL PARTITION WALL INFORMATION:
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   SEE A-601 FOR TYPICAL WALL TYPE PARTITION DETAILS

   ELEVATIONS SHOWN HERE ARE REFERENCED FROM LEVEL
   LINE SEE A-200 FOR ALL LEVEL LINE NAVD88 INDICATIONS.

   FOR STAIR DETAILS, FINISH ELEVATIONS, DIMENSIONS AND
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   SECTION SHEETS.

   FINISH WALLS IN TENANT ELEVATOR LOBBIES AND TENANT
   CORE PERIMETER TO BE PROVIDED BY TENANT.
   SEE A-027 FOR ENLARGED ELEVATOR PIT PLANS

   6. SEE A-460 SERIES FOR ENLARGED ELEVATOR SECTIONS.

   7. SEE A-421 FOR TYPICAL CURB SECTIONS.

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   SHEET 145 OF 183
GENERAL NOTES:
1. FOR ADDITIONAL PARTITION WALL INFORMATION:
   SEE A-601 FOR TYPICAL WALL TYPE PARTITION DETAILS
2. LINE SEE A-200 FOR ALL LEVEL LINE NAVD88 INDICATIONS.
3. CLEARANCE REQUIREMENTS, SEE ENLARGED STAIR PLAN AND
   FINISH WALLS IN TENANT ELEVATOR LOBBIES AND TENANT
   CORE PERIMETER TO BE PROVIDED BY TENANT.
   SEE A-027 FOR ENLARGED ELEVATOR PIT PLANS
4. SEE A-460 SERIES FOR ENLARGED ELEVATOR SECTIONS.
5. SEE A-421 FOR TYPICAL CURB SECTIONS.
GENERAL NOTES:

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3. FOR STAIR DETAILS, FINISH ELEVATIONS, DIMENSIONS AND
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6. SEE A-460 SERIES FOR ENLARGED ELEVATOR SECTIONS.
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7. SEE A-421 FOR TYPICAL CURB SECTIONS.

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Van Deusen & Associates
C-2

60-721
HIGH RISE-OB DECK ELEVATOR EMR

60-720
FREIGHT ELEVATOR EMR

60-721-A
60-720-A
WP01
WP01

SHIPS LADDER TO TMD ABOVE METAL PANEL FINISH ON EXTERIOR FACE OF CONCRETE WALLS
GALVANIZED STEEL RAILING AT PERIMETER OF OPENING

6'-3" 12'-4 1/2"
1'-7" 1'-3" 8'-0" 6'-3" 19'-9" 1'-4" 1'-8"
36'-8 1/2"

TOFF
TOFF
T.O. GRATING

33
34
32

EXTENTS OF TUNED MASS DAMPER (TMD)
FINAL SIZE AND PLACEMENT TBD

CH-6

METAL LOUVERS TO ENCLOSE TMD.
FINAL SIZE AND LOCATION TBD

GALVANIZED STEEL RAILING AT PERIMETER OF BULK HEAR

WP05

DRAINAGE, TYP.
SCUPPER, TYP.

SHIPS LADDER TO COOLING TOWER ACCESS LEVEL BELOW

RAILING, TYP.
TMD DOOR FINAL LOCATION AND SIZE TBD

SCUPPER, TYP.

12M-206
TMD
ACCESS

9'-8 7/8"44'-4 1/8"2'-11"
22'-10" 34'-2"
48'-11 5/8" 4'-6 7/8"

GENERAL NOTES:
1. FOR ADDITIONAL PARTITION WALL INFORMATION:
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4. FINISH WALLS IN TENANT ELEVATOR LOBBIES AND TENANT CORE PERIMETER TO BE PROVIDED BY TENANT.
5. SEE A-027 FOR ENLARGED ELEVATOR PIT PLANS
6. SEE A-460 SERIES FOR ENLARGED ELEVATOR SECTIONS.
7. SEE A-421 FOR TYPICAL CURB SECTIONS.

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ONE VANDERBILT

MADISON AVENUE
EAST 43RD STREET
VANDERBILT
EAST 42ND STREET

Author

09-30-2016

SHEET 150 OF 183
ONE VANDERBILT

ELEVATOR MACHINE ROOM
SLAB @ 15'-4" ABOVE LEVEL 12 T.O.S.

12-604
LVE
12-702-A
12-702-B

4-3
2
4-3
2
TOFF
15' - 4" WP01
M-12
W-12
2

MACHINE SUPPORT BEAMS BELOW, SEE STRUCTURAL DRAWINGS FOR DETAILS

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General Notes:
1. For additional partition wall information:
   See A-600 for partition wall type schedule
   See A-601 for typical wall type partition details
2. Elevations shown here are referenced from level line. See A-200 for all level line NAVD88 indications.
3. For stair details, finish elevations, dimensions and clearance requirements, see enlarged stair plan and section sheets.
4. Finish walls in tenant elevator lobbies and tenant core perimeter to be provided by tenant.
5. See A-027 for enlarged elevator pit plans
6. See A-460 series for enlarged elevator sections.
7. See A-421 for typical curb sections.

ENLARGED EMR ROOMS

ENLARGED PLAN - PODIUM ELEVATOR MACHINE ROOM

ENLARGED PLAN - MID HIGH ELEVATOR MACHINE ROOM

ENLARGED PLAN - MID LOW RISE ELEVATOR MACHINE ROOM
1. For fire rating indications, and partition wall types see 01-101.

2. For door tag information see floor plans A-099 through A-159, level 05, NAVD88 149' - 0".

3. 3'-0 3/4" 30, 40, 50 and 58.

4. 2'-7".

5. 7\'-8".


8. All clearances indicated are code minimum. Standpipes and 4'-5" TYP.

9. See mechanical drawings for stair pressurization types and Details. See S-300 series drawings for shear wall opening sizes.

10. Riser 10 risers 42" high.

11. Stairway communications system to be provided, as per BC 403.5.3.

12. Smoke proof exit enclosures: compliant with BC 403.5.4.

13. Impact resistant stair enclosures: installation of all exit stairs to be compliant with BC 403.3.2.

14. Provided at all exit doors, exit passageways, and exit stairs, as 2 RISERS 1'-1 1/8".

15. 5'-5 1/2" 2 RISERS 1'-0".

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17. New York, NY 10022 Tel: 212.230.2300 Fax: 212.230.2276

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19. 21 Penn Plaza, 360 West 31 Street, 8th Floor New York, NY 10013 Tel: 212.479.5400 Fax: 212.479.5444

20. Vertical transportation.


24. Vertical transportation.

C-3

STAIR RUN DESIGNATION KEY

GENERAL NOTES:

1. STAIRWAY DOOR OPERATION AND STAIRWAY

2. FOR DOOR TAG INFORMATION SEE FLOOR PLANS A-099 THROUGH A-159,

3. SEE G-004 FOR PHOTOLUMINESCENT MARKING REQUIREMENT DIAGRAMS

4. VEST IMPACT RESISTANT STAIR ENCLOSURES:

5. MATERIALS, ASSEMBLY, AND INSTALLATION OF

6. LEVEL. FOR NAVD ELEVATIONS FOR LEVELS, SEE ENLARGED STAIR

7. ALL EXIT STAIRS TO BE COMPLIANT WITH BC 403.3.2. REFER TO STRUCTURAL

8. PHOTOLUMINESCENT EXIT PATH MARKINGS TO BE PROVIDED AT

9. ALL CLEARANCES INDICATED ARE CODE MINIMUM. STANDPIPES AND

10. DN LANDINGS ABOVE

11. SEE A-458 FOR TYPICAL METAL PAN STAIR DETAILS.

12. ELEC LEVEL 09

13. FREIGHT-1

14. SCALE: 1/4" = 1'-0"

15. SCALE: 1/4" = 1'-0"

16. SCALE: 1/4" = 1'-0"

17. SCALE: 1/4" = 1'-0"

18. SHEET 153 OF 263
EGRESS STAIR DETAIL NOTES:

1. FOR FIRE RATING INDICATION LINES, AND PARTITION WALL TYPES SEE STAIRWAY DOOR OPERATION:

   ENLARGED CORE PLANS A-400 THROUGH A-431.

2. SEE G-004 FOR PHOTOLUMINESCENT MARKING REQUIREMENT DIAGRAMS.

3. TOFF 0'-0" 0'-0"

4. STAIR DESIGNATION

5. EXIT STAIRS TO BE COMPLIANT WITH BC 403.5.4.

6. MATERIALS, ASSEMBLY, AND INSTALLATION OF ALL

7. SYSTEM TO BE PROVIDED, AS PER BC 403.5.3 AND

8. SEE STRUCTURAL DRAWINGS S-301 THROUGH S-318 FOR SHEAR WALL

   OPENINGS AND DIMENSIONS.

9. STAIR RUNS ARE LABELED ON BOTH PLAN AND SECTION, SEE STAIR RUN

10. EXIT PATH MARKINGS:

   - CW
   - DN
   - UP
   - TDIFF 0'-0"

   FREIGHT-1

   LEVEL 33

   SCALE: 1/4" = 1'-0"

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   EAST 43RD STREET

   New York, NY 10001

   Issue Date: 09-30-2016

   Project No. A-442

   Sheet 154 of 263
GENERAL NOTES:

1. FOR FIRE RATING INDICATION LINES, AND PARTITION WALL TYPES SEE SA-B3.1 AND ENLARGED CORE PLANS A-400 THROUGH A-431.

STAIR DESIGNATION

3.

4.

5. SPOT ELEVATIONS NOTED IN PLAN ARE RELATIVE TO THE ASSOCIATED LEVEL. FOR NAVD ELEVATIONS FOR LEVELS, SEE ENLARGED STAIR SECTION.

6. SEE STRUCTURAL DRAWINGS S-301 THROUGH S-318 FOR SHEAR WALL DETAILS.

7. STAIR RUNS ARE LABELED ON BOTH PLAN AND SECTION, SEE STAIR RUN DESIGNATION KEY. SEE PLANS FOR OVERALL DIMS AND SECTIONS FOR 8.

9. INSTALLATION OF ALL EXIT STAIRS TO BE COMPLIANT WITH BC 403.3.2. REFER TO STRUCTURAL SPECIFICATIONS.

11. SEE A-458 FOR TYPICAL METAL PAN STAIR DETAILS.

Degress of fire protection.

- MANDATORY

- RECOMMENDED

- NOT RECOMMENDED

- NOT APPLICABLE

- REFER TO STRUCTURAL SPECIFICATIONS

- REFER TO ACCESS CONTROL SYSTEM SPECIFICATIONS

- REFER TO SECURITY SPECIFICATIONS

- REFER TO MECHANICAL SPECIFICATIONS

- REFER TO ELECTRICAL SPECIFICATIONS

- REFER TO CONSTRUCTION SPECIFICATIONS

- REFER TO SUPPLEMENTAL SPECIFICATIONS

- REFER TO TRADE SPECIFICATIONS

- REFER TO FIELD SPECIFICATIONS

- REFER TO PROJECT SPECIFICATIONS

- REFER TO LOCAL CODES

- REFER TO MUNICIPAL CODES

- REFER TO STATE CODES

- REFER TO FEDERAL CODES

- REFER TO INTERIOR CODES

- REFER TO EXTERIOR CODES

- REFER TO BUILDING CODES

- REFER TO FIRE CODES

- REFER TO SAFETY CODES

- REFER TO ENVIRONMENTAL CODES
GENERAL NOTES:

1. ENLARGED CORE PLANS A-400 THROUGH A-431

2. STAIRWAY DOOR OPERATION AND STAIRWAY COMMUNICATIONS SYSTEM

SEE G-004 FOR PHOTOLUMINESCENT MARKING REQUIREMENTS DIAGRAMS.

Hose Cabinet location as required by code on Levels 1, 10, 20, 30, 40, 50 and 58.

SMOKE PROOF EXIT ENCLOSURES: SECTION.

RUN NUMBER FROM COMPLIANT WITH BC 403.5.4.

6. IMPACT RESISTANT STAIR ENCLOSURES: MATERIALS, ASSEMBLY, AND DESIGNATION KEY. SEE PLANS FOR OVERALL DIMS AND SECTIONS FOR NUMBER OF RISERS. COMPLIANT WITH BC 403.3.2. REFER TO 4'-1" CLEAR STAIR, TYP, SEE 6/A-458 AND 7/A-458 FOR STAIR PRESSURIZATION RELIEF SHAFT, SMD.

7. ALL CLEARANCES INDICATED ARE CODE MINIMUM. STANDPIPES AND STRUCTURAL SPECIFICATIONS.

EXIT PATH MARKINGS:

9. ALL STAIR PRESSURIZATION OPENING TO BE PROVIDED WITH GUARDS. SEE MECHANICAL DRAWINGS FOR STAIR PRESSURIZATION TYPES AND MARKINGS TO BE PROVIDED AT ALL EXIT DETAILS. SEE S-300 SERIES DRAWINGS FOR SHEAR WALL OPENING SIZES.

STAIR B VALVES MUST BE CLEAR OF THESE ZONES. COORDINATE WITH FIRE PROTECTION DRAWINGS.

10. SEE A-456 FOR TYPICAL CONCRETE STAIR DETAILS.
1. For Fire Rating Indications and Partition Wall Types, see Enlarged Core Plans A-400 through A-431.

2. For Door Tag Information, see Floor Plans A-099 through A-159, Communications System to be provided, as per BC 403.5.3 and 1008.1, and Enlarged Core Plans A-400 through A-431.

3. See G-004 for photoluminescent marking requirement diagrams.

4. See plans for overall dimensions and sections.

5. Spot elevations noted in the plans are relative to the associated level. For NAVD elevations for levels, see enlarged stair installation of all exit stairs to be compliant with BC 403.3.2. Refer to section.

6. Reference levels, see stair runs are labeled on both plan and section, see stair run designation key. See plans for overall dimensions and sections.

7. STAIRWAYS, TYP.
   - Level 03: TOFF 105' - 0" 7' 0" REQUIRED
   - Level 02: TOFF 94' - 0 1/2" 5' - 5 1/2"

8. STAIR C
   - Level 02: TOFF 83' - 0" 13' - 6" 2' - 10 1/2"

9. STAIR PRESSURIZATION TYPES AND DETAILS. SEE S-300 SERIES DRAWINGS FOR SHEAR WALL OPENING SIZES AND LOCATIONS.

10. SEE A-456 FOR TYPICAL CONCRETE STAIR DETAILS.

11. SEE A-458 FOR TYPICAL METAL PAN STAIR DETAILS.

12. STAIRWAY DOOR OPERATION AND STAIRWAY SA-B3.1

13. EXIT PATH MARKINGS: PHOTOLUMINESCENT EXIT PATH MARKINGS TO BE.
For fire rating indications, lines, and partition wall types, see C-1.

Stairway door operation:

1. See G-004 for photoluminescent marking requirement diagrams.
2. For door tag information, see floor plans A-099 through A-159.
3. Communications system to be provided, as per BC 403.5.3 and 1008.1.

Stairway:

4. See structural specifications.
5. Structural drawings S-301 through S-318 for shear wall information.

Stair runs are labeled on both plan and section, see stair run from the stair level key. See plans for overall dimensions and sections for stair number of risers.

Smoke proof exit enclosures:

6. All clearances indicated are code minimum. Standpipes and smokeproof exit enclosures are to be provided at all exit doors, exit passages, and exit stairs, as per BC 403.5.3.
7. See A-456 for typical concrete stair details.
8. All stair pressurization openings to be provided with guards.

Level 16:

9. Level 16 NAVD88 361' - 6"
10. All stair pressurization opening to be provided with guards.
11. See A-456 for typical concrete stair details.
12. Level 16 NAVD88 361' - 6"
13. All stair pressurization opening to be provided with guards.

Level 15:

14. Level 15 NAVD88 347' - 0"
15. All stair pressurization opening to be provided with guards.
17. Level 15 NAVD88 347' - 0"
18. All stair pressurization opening to be provided with guards.

Level 14:

19. Level 14 NAVD88 332' - 6"
20. All stair pressurization opening to be provided with guards.
22. Level 14 NAVD88 332' - 6"
23. All stair pressurization opening to be provided with guards.

Level 13:

24. Level 13 NAVD88 316' - 0"
25. All stair pressurization opening to be provided with guards.
27. Level 13 NAVD88 316' - 0"
28. All stair pressurization opening to be provided with guards.

Level 12:

29. Level 12 NAVD88 294' - 0"
30. All stair pressurization opening to be provided with guards.
31. See A-456 for typical concrete stair details.
32. Level 12 NAVD88 294' - 0"
33. All stair pressurization opening to be provided with guards.

Level 11:

34. Level 11 NAVD88 273' - 0"
35. All stair pressurization opening to be provided with guards.
36. See A-456 for typical concrete stair details.
37. Level 11 NAVD88 273' - 0"
38. All stair pressurization opening to be provided with guards.

Level 10:

39. Level 10 NAVD88 254' - 0"
40. All stair pressurization opening to be provided with guards.
41. See A-456 for typical concrete stair details.
42. Level 10 NAVD88 254' - 0"
43. All stair pressurization opening to be provided with guards.

Level 9:

44. Level 9 NAVD88 236' - 0"
45. All stair pressurization opening to be provided with guards.
46. See A-456 for typical concrete stair details.
47. Level 9 NAVD88 236' - 0"
48. All stair pressurization opening to be provided with guards.

Level 8:

49. Level 8 NAVD88 218' - 0"
50. All stair pressurization opening to be provided with guards.
51. See A-456 for typical concrete stair details.
52. Level 8 NAVD88 218' - 0"
53. All stair pressurization opening to be provided with guards.

Level 7:

54. Level 7 NAVD88 198' - 0"
55. All stair pressurization opening to be provided with guards.
56. See A-456 for typical concrete stair details.
57. Level 7 NAVD88 198' - 0"
58. All stair pressurization opening to be provided with guards.

Level 6:

59. Level 6 NAVD88 173' - 0"
60. All stair pressurization opening to be provided with guards.
61. See A-456 for typical concrete stair details.
62. Level 6 NAVD88 173' - 0"
63. All stair pressurization opening to be provided with guards.

Level 5:

64. Level 5 NAVD88 144' - 0"
65. All stair pressurization opening to be provided with guards.
66. See A-456 for typical concrete stair details.
67. Level 5 NAVD88 144' - 0"
68. All stair pressurization opening to be provided with guards.

Level 4:

69. Level 4 NAVD88 125' - 0"
70. All stair pressurization opening to be provided with guards.
71. See A-456 for typical concrete stair details.
72. Level 4 NAVD88 125' - 0"
73. All stair pressurization opening to be provided with guards.

Level 3:

74. Level 3 NAVD88 105' - 0"
75. All stair pressurization opening to be provided with guards.
76. See A-456 for typical concrete stair details.
77. Level 3 NAVD88 105' - 0"
78. All stair pressurization opening to be provided with guards.

Level 2:

79. Level 2 NAVD88 86' - 0"
80. All stair pressurization opening to be provided with guards.
81. See A-456 for typical concrete stair details.
82. Level 2 NAVD88 86' - 0"
83. All stair pressurization opening to be provided with guards.

Level 1:

84. Level 1 NAVD88 67' - 0"
85. All stair pressurization opening to be provided with guards.
86. See A-456 for typical concrete stair details.
87. Level 1 NAVD88 67' - 0"
88. All stair pressurization opening to be provided with guards.

Level 0:

89. Level 0 NAVD88 48' - 0"
90. All stair pressurization opening to be provided with guards.
91. See A-456 for typical concrete stair details.
92. Level 0 NAVD88 48' - 0"
93. All stair pressurization opening to be provided with guards.

Above ground:

94. Level 0 NAVD88 48' - 0"
95. All stair pressurization opening to be provided with guards.
96. See A-456 for typical concrete stair details.
97. Level 0 NAVD88 48' - 0"
98. All stair pressurization opening to be provided with guards.

Basement:

99. Level 0 NAVD88 48' - 0"
100. All stair pressurization opening to be provided with guards.
101. See A-456 for typical concrete stair details.
102. Level 0 NAVD88 48' - 0"
103. All stair pressurization opening to be provided with guards.

For more details, refer to the structural specifications and floor plans.
STAIR RUN DESIGNATION KEY

1. FOR FIRE RATING INDICATION LINES, AND PARTITION WALL TYPES SEE STAIRWAY DOOR OPERATION AND STAIRWAY
2. FOR DOOR TAG INFORMATION SEE FLOOR PLANS A-099 THROUGH A-159, COMMUNICATIONS SYSTEM TO BE PROVIDED, AS PER BC 403.5.3 AND 1008.1. AND ENLARGED CORE PLANS A-400 THROUGH A-431.
3. SEE G-004 FOR PHOTOLUMINESCENT MARKING REQUIREMENT DIAGRAMS
4. HOSE CABINET LOCATION AS REQUIRED BY CODE ON LEVELS 1, 10, 20, 5.
6. IMPACT RESISTANT STAIR ENCLOSURES: MATERIALS, ASSEMBLY, AND STRUCTURAL SPECIFICATIONS.
7. STAIR RUNS ARE LABELED ON BOTH PLAN AND SECTION, SEE STAIR RUN NUMBER OF RISERS.
8. VALVES MUST BE CLEAR OF THESE ZONES. COORDINATE WITH FIRE PROTECTION DRAWINGS.

34-203
0'-4"
0'-4" TYP
45-203
0'-4"
GENERAL NOTES:


SEE G-004 FOR PHOTOLUMINESCENT MARKING REQUIREMENT DIAGRAMS

STAIR DESIGNATION 30, 40, 50 AND 58.

SPOT ELEVATIONS NOTED IN PLAN ARE RELATIVE TO THE ASSOCIATED LEVEL 6.

REFERENCE LEVEL STAIR RUNS ARE LABELED ON BOTH PLAN AND SECTION, SEE STAIR RUN 8.

VALVES MUST BE CLEAR OF THESE ZONES. COORDINATE WITH FIRE PROTECTION DRAWINGS.

9. SEE MECHANICAL DRAWINGS FOR STAIR PRESSURIZATION TYPES AND DETAILS. SEE S-300 SERIES DRAWINGS FOR SHEAR WALL OPENING SIZES SC-58.54 ROOF AND LOCATIONS.

10. SEE A-456 FOR TYPICAL CONCRETE STAIR DETAILS.

11. SEE A-458 FOR TYPICAL METAL PAN STAIR DETAILS.

DESIGN OF ALL EXIT STAIRS TO BE COMPLIANT WITH BC 403.5.4.

EXIT PATH MARKINGS: PHOTOLUMINESCENT EXIT PATH MARKINGS TO BE 4

LEVEL 59 - ROOF STAIRWAY DOOR OPERATION AND STAIRWAY TOFF LEVEL 59 - ROOF

3. SEE G-004 FOR PHOTOLUMINESCENT MARKING REQUIREMENT DIAGRAMS

4. STAIR DESIGNATION 30, 40, 50 AND 58. SPOT ELEVATIONS NOTED IN PLAN ARE RELATIVE TO THE ASSOCIATED LEVEL. FOR NAVD ELEVATIONS FOR LEVELS, SEE ENLARGED STAIR SECTION.

6. REFERENCE LEVEL OPENINGS AND DIMENSIONS.

7. STAIR RUNS ARE LABELED ON BOTH PLAN AND SECTION, SEE STAIR RUN DESIGNATION KEY. SEE PLANS FOR OVERALL DIMS AND SECTIONS FOR ALL CLEARANCES INDICATED ARE CODE MINIMUM. STANDPIPES AND PROTECTION DRAWINGS.

8.phonelocation

9. ENLARGED PLAN - STAIR F @ LEVEL 1

10. ENLARGED PLAN - STAIR F @ LEVEL Cellar 1

11. ENLARGED PLAN - STAIR F @ LEVEL CELLAR - GCT

Egress Stair Detail Notes:

Stairway Door Operation:
Communications System to be provided, as per BC 403.5.3 and 1008.1. Design of all exit stairs to be

Impact Resistant Stair Enclosures:
Materials, Assembly, and Installation of all exit stairs to be compliant with BC 403.3.2. Refer to

Exit Path Markings:
Photoluminescent Exit Path Markings to be provided at all exit doors, exit passageways, and exit stairs, as per BC 403.5.5 and BC 1024.
1. FOR FIRE RATING INDICATION LINES, AND PARTITION WALL TYPES SEE ENLARGED CORE PLANS A-400 THROUGH A-431.


3. STAIR RUNS ARE LABELED ON BOTH PLAN AND SECTION, SEE STAIR RUN DESIGNATION KEY. SEE PLANS FOR OVERALL DIMS AND SECTIONS.

4. STAIR RUN NUMBER FROM REFERENCE LEVEL.

5. ALL CLEARANCES INDICATED ARE CODE MINIMUM.

6. SCALE: 1/4" = 1'-0"
GENERAL NOTES:
1. SEE SPECIFICATION SECTION 142000 FOR ALL REQUIRED ELEVATOR DIMENSIONS AND ACCESSORIES.
2. SEE MECHANICAL DRAWINGS FOR HOISTWAY VENTING REQUIREMENTS.
3. SEE STRUCTURAL DRAWINGS FOR HOISTWAY VENT, SEE MECHANICAL DRAWINGS.
4. PROVIDE CANT AT ALL LEDGES WITHIN ELEVATOR SHAFTS.
5. PROVIDE CANT ON ANY LEDGE/HORIZONTAL SURFACE GREATER THAN 2" DEEP.- TYP.
6. CLEAR OPENING TOFF.
7. CLEAR OPENING.
8. CLEAR OPENING.
9. SCALE: 1/4" = 1'-0"
ONE VANDERBILT

GENERAL NOTES:
1. SEE SPECIFICATION SECTION 142000 FOR ALL REQUIRED ELEVATOR DIMENSIONS AND ACCESSORIES.

2. SEE MECHANICAL DRAWINGS FOR HOISTWAY VENTING REQUIREMENTS.

LEVEL 61 - COOLING TOWER ACCESS T.O. GRATING
NAVD88 1114' - 8" LEVEL 46
NAVD88 847' - 10"

LEVEL 60 - NAVD88 1099' - 8"
LEVEL 57 - NAVD88 1043' - 10"
LEVEL 56 - NAVD88 1031' - 10"
LEVEL 59 - ROOF NAVD88 1083' - 10"
LEVEL SUB-CELLAR 2 - LD NAVD88 20' - 8"
LEVEL SUB-CELLAR 1 - SP NAVD88 34' - 2"
LEVEL SUB-CELLAR 3 - ESA NAVD88 14'-6"
LEVEL CELLAR - GCT NAVD88 63' - 0"
LEVEL CELLAR - GCT NAVD88 46' - 0"
LEVEL 01 NAVD88 59' - 4"
LEVEL 01 NAVD88 34' - 2"
LEVEL 01 NAVD88 20' - 8"
LEVEL 01 NAVD88 19' - 8"
LEVEL 01 NAVD88 16' - 10"
LEVEL 01 NAVD88 13' - 4"
LEVEL 01 NAVD88 10' - 8"
LEVEL 01 NAVD88 8' - 10"
LEVEL 01 NAVD88 6' - 8"
LEVEL 01 NAVD88 4' - 6"
LEVEL 01 NAVD88 2' - 8"
LEVEL 01 NAVD88 1' - 6"
LEVEL 01 NAVD88 0' - 10"
LEVEL 01 NAVD88 0' - 7 7/8"
LEVEL 01 NAVD88 0' - 6"
LEVEL 01 NAVD88 0' - 4"
LEVEL 01 NAVD88 0' - 2"
LEVEL 01 NAVD88 0' - 0"
LEVEL 01 NAVD88 0' - 0"

DEVELOPER
PLN_DOC_62_TMD ACCESSNAVD88 1129' - 8" SL Green
420 Lexington Avenue, 18th Floor
New York, NY 10170

ARCHITECT
MEP DRAWINGS FOR Kohn Pedersen Fox Associates PC ARCHITECTS & PLANNING CONSULTANTS
469 Seventh Avenue, Suite 900
New York, NY 10018

MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION
Jaros Baum & Bolles
80 Pine Street
New York, NY 10013

CIVIL / GEOTECHNICAL ENGINEER
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
18 x 50 HOISTWAY VENT, SEE STRUCTURAL DRAWINGS
21 Penn Plaza, 360 West 31 Street, 8th Floor
New York, NY 10001

STRUCTURAL ENGINEER
Severud Associates Consulting Engineers
469 Seventh Avenue, Suite 900
New York, NY 10018

MECHANICAL DRAWINGS FOR HOIST BEAM SEE STRUCTURAL DRAWINGS
499 Park Avenue
HATCH. FINAL LOCATION TO BE COORDINATED WITH ELEVATOR SHOP DRAWINGS.
New York, NY 10022

ELEVATOR SHOP DRAWINGS
Van Deusen & Associates
5 Regent Street, Suite 524
Livingston, NJ 07039

TIE DOWN BEAMS, DRAWINGS
Kohn Pedersen Fox Associates PC
1 DOB NEW BUILDING SUBMISSION 09-30-2016
215 West 40th Street, 15th Floor
New York, NY 10018

Code Consultants, Inc.
23'-2" 15'-0" 8'-10" 1'-2" 4'-6" LOCATION TO BE COORDINATED WITH ELEVATOR SHOP DRAWINGS.
215 West 40th Street, 15th Floor
New York, NY 10018

2 HR RATED CEILING
499 Park Avenue
Tel: 212.230.2300 Fax: 212.230.2276

HOISTWAY VENT, SEE STRUCTURAL DRAWINGS
420 Lexington Avenue, 18th Floor
New York, NY 10170

 псевдо-перепись 420 lexington avenue, 18th floor
new york, ny 10170

architects & planning consultants
kohn pedersen fox associates pc
drawings
415 seventh avenue, suite 900
new york, ny 10018

mechanical, electrical, plumbing, fire protection
jaros baum & bolles
drawings
80 pine street
new york, ny 10013

civil / geotechnical engineer
langan engineering, environmental, surveying and landscape architecture, d.p.c.
drawings
21 penn plaza, 360 west 31 street, 8th floor
new york, ny 10001

structural engineer
severud associates consulting engineers
drawings
469 seventh avenue, suite 900
new york, ny 10018

mechanical drawings for hoist beam see structural drawings
499 park avenue
hatch. final location to be coordinated with elevator shop drawings.
new york, ny 10022

2 hr rated ceiling
499 park avenue
tel: 212.230.2300 fax: 212.230.2276

hoistway vent, see structural drawings
420 lexington avenue, 18th floor
new york, ny 10170
## IMPORTANT COMMENTS

- Achievable Fire Rating (As indicated in the text). See the notes below for additional information.

### Notes

1. **Deflection and Metal Stud Framing Requirements.**
2. **Refer to Section 092900 - Gypsum Board for Additional Information.**

### Key Plan

- **1 DOB NEW BUILDING SUBMISSION 09-30-2016**

### Partition Schedule

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### Notes

- **Columns:**
  - (In.)
  - Layers
  - Width
  - Height
  - Fire Rating
  - Applicable Comments

- **Rows:**
  - Numbers
  - Wall Type
  - Wall Thickness
  - Fire Rating
  - Comments

### Notes for Specific Walls

- **CH3-6:** 0' 7 7/8" 3 6" 3 U415 52 * + 1" Liner Board
- **CH-2:** 0' 3 3/4" 2 2 1/2" - - 13'-6" 11'-1" 11'-1" 9'-6" 9'-11" 8'-7" - - - - N/A N/A N/A N/A N/A N/A 2 U415 52 * + 1" Liner Board
- **CH-4:** 0' 5 1/4" 2 4" - - 18'-7" 15'-10" 15'-10" 13'-6" 14'-11" 12'-1" - - - - 20'-0" 17'-4" 17'-4" 15'-1" 15'-8" 13'-7" 2 U415 52 * + 1" Liner Board
- **CH-6:** 0' 7 1/4" 2 6" - - 26'-4" 22'-2" 22'-2" 18'-8" 19'-7" 16'-7" - - - - 29'-7" 25'-0" 25'-0" 21'-10" 21'-2" 19'-10" 2 U415 52 * + 1" Liner Board
- **M-4:** 4" Nom - - - 47 Solid Masonry w/ Fire Resistive Sealant
- **M-8:** 8" Nom - - - 55 Solid Masonry w/ Fire Resistive Sealant
- **M-8-1:** 8" Nom - - - 55 Solid Masonry w/ Fire Resistive Sealant
- **M-8-1-R:** 8" Nom - - - 55 Solid Masonry w/ Fire Resistive Sealant
- **M-8-2:** 8" Nom - - - 55 Solid Masonry w/ Fire Resistive Sealant
- **M-8-2-R:** 8" Nom - - - 55 Solid Masonry w/ Fire Resistive Sealant
- **M-8-R:** 8" Nom - - - 55 Solid Masonry w/ Fire Resistive Sealant
- **M-10:** 10" Nom - - - 60 Solid Masonry w/ Fire Resistive Sealant

### Additional Information

- 

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**Issue Date:**

**Project No.:**

**Drawn By:**

**Scale:**

**PARTITION SCHEDULE**

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2. METAL FRAMING AND SHAFT WALL ASSEMBLIES FOR MAXIMUM
SEE A-600 FOR TYPICAL PARTITION SCHEDULE.

EXTEND STEEL STUDS TO UNDERSIDE OF SLAB, SEE SCHED. FOR GWB HEIGHT
CONTINUOUS ACOUSTICAL SEALANT BOTH SIDES OR FIRE RESISTIVE JOINT SYSTEM, AS REQUIRED
CEILING DEFLECTION TRACK
CEILING AS SCHEDULED
SB SMOKES BARRIER
SP SMOKES PARTITION

METAL FLOOR RUNNER

CONTINUOUS ACOUSTICAL

CEILING AS SCHEDULED

METAL STUDS, SEE SCHEDULE FOR SIZE AND GAUGE
INSULATION AS SPECIFIED,

FLOOR

METAL RUNNER WHERE OCCUPIED SIDE
BASE AS SCHEDULED

3-SERIES PARTITION - 3 LAYER GWB
3A-SERIES PARTITION - 3 LAYER GWB
2-SERIES PARTITION - 2 LAYER GWB
21Penn Plaza, 360 West 31 Street, 8th Floor
New York, NY 10001
Tel: 212.479.5400 Fax: 212.479.5444

MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION
JAROS BAUM & BOLLES
80 Pine Street
New York, NY 10013
Tel: 212.530.9300 Fax: 212.269.5894

CITY OF NEW YORK DEPARTMENT OF BUILDINGS
Job Number: 828188322

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Architects & Planning Consultants
New York, NY 10036

LEVEL 44

LEVEL 45

VANDERBILT

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General Notes:
1. Elevation markers are referenced from the top of finish floor below.
2. Elevation of ceiling above southside retail is not included. For information regarding slope of ceiling see A-220, A-222, and A-223.

SEE FM DRAWINGS FOR DROP THROUGH SLEEVE INFORMATION.
LOCATION IS SUBJECT TO CHANGE TO MATCH FINAL SOFFIT DESIGN.
**CODE SUMMARY**

**EXIT ACCESS (TABLE 1015.1)**

- Minimum 2 means of egress required
- Occupancy if occupant load is greater than (ft)
- Travel distance greater than (ft)
- Business / Offices "B" 74
- Occupancy classification of the building and construction type.
- Fire protection system requirements are applied throughout the building for the most restrictive mechanical "F-2" 250

**ACCESSIBLE MEANS OF EGRESS**

- All means of egress must be designed in accordance with chapter 10 provisions of the building code.
- Accessible spaces must be provided with not less than one accessible means of egress (1007.1).
- Portion of the space must be served by not less than two accessible means of egress.

**EXIT DOORS (1015)**

- Exit doors to be placed a distance apart equal to not less than 1/2 length of maximum overall travel distance.
- Travel distance is measured from most remote point within a story along the natural and unobstructed path of egress travel to an entrance to a vertical exit enclosure.

**EXIT CAPACITY (1005.1)**

- The total width of means of egress must be greater than total occupant load served by the means of egress multiplied by 0.3 inches per occupant for stairways and 0.2 inches for other egress components.
- The maximum capacity required from any level of the building must be maintained to the termination of the means of egress.

**ACCESSORY STORAGE AREAS / MECHANICAL EQUIPMENT ROOMS**

- Men women men women
- 1-25
- 26-49
- 50-74
- 75-99
- 100-124
- 125-149
- 150-174
- 175-199
- 200-224
- 225-249
- 250-274
- 275-299
- 300-324
- 325-349
- 350-374
- 375-399
- 400-424
- 425-449
- 450-474
- 475-499
- 500-524
- 525-549
- 550-574
- 575-599
- 600-624
- 625-649
- 650-674
- 675-699
- 700-724
- 725-749
- 750-774
- 775-799
- 800-824
- 825-849
- 850-874
- 875-899
- 900-924
- 925-949
- 950-974
- 975-999
- 1000

**MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES**

- Water closets
- Urinals
- Lavatories
- Sinks
- Fountains
- Showers

**MORE IN HEIGHT UNLESS THE FLOOR IS PROVIDED WITH A HORIZONTAL EXIT.**

**AN ELEVATOR COMPLYING W/EMERGENCY OPERATION AND...**

**MEANS OF EGRESS. AREAS OF RESCUE ASSISTANCE ARE NOT REQUIRED BECAUSE THE BUILDING IS PROTECTED THROUGHOUT WITH AUTOMATIC SPRINKLERS:**

**ACCESSIBLE SPACES MUST BE PROVIDED WITH NOT LESS THAN ONE ACCESSIBLE MEANS OF EGRESS (1007.1).**

**PORTION OF THE SPACE MUST BE SERVED BY NOT LESS THAN TWO ACCESSIBLE MEANS OF EGRESS:**

<table>
<thead>
<tr>
<th>FLOOR AREA (SF) PER OCCUPANCY</th>
<th>OCCUPANCY</th>
<th>MEN</th>
<th>WOMEN</th>
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<tbody>
<tr>
<td>1-25</td>
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<td>26-49</td>
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<td>975-999</td>
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<td>1000</td>
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</tbody>
</table>
1 - NOTED ON G-005. FOR FIXTURE REQUIREMENTS, SEE EGRESS PLANS FOR OCCUPANCY CALCULATIONS, AND TABLE 403.1 ON G-005. TENANTS ARE TO BE RESPONSIBLE FOR FIXTURE COMPLIANCE. INTERIOR FIT-OUT (INCLUDING TENANT FIXTURES) TO BE FILED BY FUTURE TENANTS UNDER SEPARATE APPLICATION.

2 - ALL FLOORS, EXCEPT FOR STREET LEVEL, TO INCLUDE ENCLOSED ELEVATOR LOBBIES WITH SMOKE PARTITIONS IN ACCORDANCE WITH SECTION 708.14.1.

3 - FIRE SERVICE ACCESS ELEVATOR OPENS TO A FIRE SERVICE ACCESS LOBBY AT ALL FLOORS EXCEPT STREET LEVEL, CONSTRUCTED IN ACCORDANCE WITH SECTIONS 3007.6.5.

4 - FOR ADDITIONAL INFORMATION REGARDING MTA SPACES, SEE STANTEC (TRANSIT ARCHITECT OF RECORD) LIFE SAFETY DRAWINGS.

NOTE: OCCUPANCY LOAD

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>AREA (SQ. FT.)</th>
<th>OCCUPANT LOAD</th>
<th>OCCUPANT TYPE</th>
<th>AREA TAG KEY</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEVEL B4 - ESA 2402 COR 0</td>
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<td>N/A</td>
<td>N/A</td>
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</tr>
<tr>
<td>LEVEL B4 - ESA 9551 F-2 300 32</td>
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<td></td>
</tr>
</tbody>
</table>

LEVEL B4 IS FOR MECHANICAL EGRESS STAIR IS PROVIDED.

DEPARTMENT OF BUILDINGS

JOB NUMBER: 121189828

SHEET 2 OF 42

DRAWING TITLE: PLAN B4

DRAWING NUMBER: EG-097.00

DEPOT OF BLDGS

Scale: 1/8" = 1'-0"
RETAIL RESTROOMS TO COMPLY WITH: BC 1109, 1CC/ANSI 2003 604.3, AND TYPICAL MOUNTING HEIGHTS NOTED ON G-005. FOR FIXTURE REQUIREMENTS, SEE EGRESS PLANS FOR OCCUPANCY CALCULATIONS, AND TABLE 403.1 ON G-005. TENANTS ARE TO BE RESPONSIBLE FOR FIXTURE COMPLIANCE. INTERIOR FIT-OUT (INCLUDING TENANT FIXTURES) TO BE FILED BY FUTURE TENANTS UNDER SEPARATE APPLICATION.

FOR ADDITIONAL INFORMATION REGARDING MTA SPACES, SEE STANTEC (TRANSIT ARCHITECT OF RECORD) FOR ADDITIONAL DETAILS

121189828
OCCUPANCY LOAD
F-2

Description

CAPACITY

DEPT OF BLDGS

Job Number: Scan Code

121189828

NOTES

ONE VANDERBILT

1 - RETAIL RESTROOMS TO COMPLY WITH: BC 1109, 1CC/ANSI 2003 604.3, AND TYPICAL MOUNTING HEIGHTS NOTED ON G-005. FOR FIXTURE REQUIREMENTS, SEE EGRESS PLANS FOR OCCUPANCY CALCULATIONS, AND

2 - PARTITIONS IN ACCORDANCE WITH SECTION 708.14.1.

3 - FIRE SERVICE ACCESS ELEVATOR OPENS TO A FIRE SERVICE ACCESS LOBBY AT ALL FLOORS EXCEPT STREET LEVEL, CONSTRUCTED IN ACCORDANCE WITH SECTIONS 3007.6.5.

4 - WIDTH

STAIR LIFE SAFETY DRAWINGS.

FOR ADDITIONAL DETAILS

RISER ABOVE FUEL OIL FILL RISERS

EXIT ACCESS STAIR IN 2 HOUR RATED POINT TO B2 EGRESS = 168'-8" FT

STAIR E

BELOW

STAIR ENCLOSURE ABOVE

MECHANICAL EQUIPMENT

WATER TANK 2

Hines

499 Park Avenue

New York, NY 10022

ACCESS HATCH TO WATER TANK

BELOW

MECHANICAL EQUIPMENT FROM BOTTOM OF ELEVATOR PIT PLATFORM

Vertical Transportation

New York, NY 10001

Tel: 212.479.5400 Fax: 212.479.5444

MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION

New York, NY 10013

Tel: 212.530.9300 Fax: 212.269.5894

Structural Engineer

469 Seventh Avenue, Suite 900

New York, NY 10018

Tel: 212.986.3700 Fax: 212.687.6467

Code Consulting

215 West 40th Street, 15th Floor

New York, NY 10018

Tel: 212.216.9596 Fax: 212.216.9619

Mechanical, Electrical, Plumbing, Fire Protection

New York, NY 10013

Tel: 212.530.9300 Fax: 212.269.5894

Civil / Geotechnical Engineer

New York, NY 10018

Tel: 212.986.3700 Fax: 212.687.6467

Code Consulting

215 West 40th Street, 15th Floor

New York, NY 10018

Tel: 212.216.9596 Fax: 212.216.9619

Van Deusen & Associates

Livingston, NJ 07039

Tel: 973.994.9220 Fax: 973.994.2539

MECHANICAL

New York, NY 10013

Tel: 212.530.9300 Fax: 212.269.5894

Kohn Pedersen Fox Associates PC

Architects & Planning Consultants

11 West 42nd Street

Tel: 212.977.6500  Fax: 212.956.2526

Structural Engineer

4664 SF

16

ELEVATOR-1

ELEVATOR-2

OD-1

OD-2

D.O.B. NEW BUILDING SUBMISSION 09-30-2016

Issue Date:

09-30-2016

Scale

1/8" = 1'-0"

Drawing Number

EGRESS FLOOR PLAN B2

EG-099.00

SHEET 4 OF 42

SHEET 3 OF 27

SHEET 190 OF 263

SHEET 190 OF 263

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TABLE 403.1 ON G-005. TENANTS ARE TO BE RESPONSIBLE FOR FIXTURE COMPLIANCE. INTERIOR FIT-OUT

2 - ALL FLOORS, EXCEPT FOR STREET LEVEL, TO INCLUDE ENCLOSED ELEVATOR LOBBIES WITH SMOKE PARTITIONS IN ACCORDANCE WITH SECTION 708.14.1.

3 - TRANSIT SCOPE:

215' - 8"
SEE STANTEC DRAWINGS FOR ADDITIONAL DETAILS

2 HOUR RATED ENCLOSURE

FUEL OIL
TRAVEL DISTANCE FROM MOST FILL SHAFT
REMOTE POINT = 109'-10" FT

WATER TANK
ACCESS
2'-0" CLEARANCE
POE
HATCH - FINAL
OPEN
ABOVE STORAGE SPACE BY TENANT

8 BIKES

Developer
420 Lexington Avenue, 18th Floor
Tel: 212.356.4149 Fax: 212.216.1796

Architect
4289 SF
11 West 42nd Street
New York, NY 10036
Tel: 212.977.6500 Fax: 212.956.2526

Van Deusen & Associates
42" HIGH
21 Penn Plaza, 360 West 31 Street, 8th Floor
New York, NY 10001
Tel: 212.986.3700 Fax: 212.687.6467

Hines
Vertical Transportation
Van Deusen & Associates
Code Consultants, Inc.
5 Regent Street, Suite 524
New York, NY 10018
Tel: 212.986.3700 Fax: 212.687.6467

MEP
CON ED
Code Consulting
500 SQFT)
EL 5 EMR
vest
OD-2
H-3 H-2 H-1
F-2 300
114"
10 BIKES
10 BIKES
FREIGHT-1FREIGHT-2FS
MAXIMUM OVERALL DIAG
FOR AMENITY ELEVATORS
LVE
ELEC
ML-1
ML-2
FS
FS
POE
INCOMING
TELECOM
POE
INCOMING
WATER
ACCESS HATCH
ACCESS HATCH
François-Xavier Lamy
H-6 H-5 H-4
GAS
KNOCK OUT PANEL FOR
INCOMING GAS POE
INCOMING GAS POE
INCOMING GAS POE
1-HOUR RATED WALL
2-HOUR RATED WALL
3-HOUR RATED WALL
134' - 10"
SION TO EGRESS
12060 SF
17611 SF
588
1943.16
1 D.O.B. NEW BUILDING SUBMISSION 09-30-2016
No.
Key Plan
No.
CIRCULATION
LINE OF FLOOR ABOVE
PS
09-30-2016
SP
M 30
H-2 H-1
FO FO
48"
48"
170
160
STAIR G
STAIR D
STAIR B
STAIR C
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DOOR
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DOOR
1 D.O.B. NEW BUILDING SUBMISSION 09-30-2016
No.
Key Plan
No.
CIRCULATION
LINE OF FLOOR ABOVE
PS
09-30-2016
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H-2 H-1
FO FO
48"
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160
STAIR G
STAIR D
STAIR B
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DOOR
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DOOR
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STAIR
DOOR
ONE VANDERBILT

RETAIL RESTROOMS TO COMPLY WITH: BC 1109, 1CC/ANSI 2003 604.3, AND TYPICAL MOUNTING HEIGHTS AND TABLE 403.1 ON G-005.

ALL FLOORS, EXCEPT FOR STREET LEVEL, TO INCLUDE ENCLOSED ELEVATOR LOBBIES WITH SMOKE PARTITIONS IN ACCORDANCE WITH SECTION 708.14.1.

FIRE SERVICE ACCESS ELEVATOR OPENS TO A FIRE SERVICE ACCESS LOBBY AT ALL FLOORS EXCEPT STREET LEVEL, CONSTRUCTED IN ACCORDANCE WITH SECTIONS 3007.6.5.

LOUVERS ABOVE TRUCK MEUP LEGNUM
TRAVEL DISTANCE FROM MOST REMOTE POINT = 174'-3" FT

Developer
420 Lexington Avenue, 18th Floor
Tel: 212.356.4149 Fax: 212.216.1796

Architect
Kohn Pedersen Fox Associates PCArchitects & Planning Consultants
WOMEN
New York, NY 10036

Structural Engineer
Severud Associates Consulting Engineers

Mechanical, Electrical, Plumbing, Fire Protection
Jaros Baum & Bolles
80 Pine Street
New York, NY 10013

Civil / Geotechnical Engineer
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.

Mechanical, Electrical, Plumbing, Fire Protection
Van Deusen & Associates
5 Regent Street, Suite 524
Livingston, NJ 07039

Code Consulting
Livingston, NJ 07039

POTENTIAL MECHANICAL SPACE WITH LOUVER ACCESS

OCCUPANCY INCLUDED IN USE GROUP 'M'TOTALS.

OCCUPANCY LOAD SUMMARY, FLR 02

OCCUPANT LOAD SUMMARY, FLR 02

NAME
FACTOR
OCCUPANCY LOAD
OCCUPANT LOAD
WIDTH
FACTOR
CAPACITY

STAIR A 4'-1" .3 163 2'-10" .2 170

STAIR B 4'-1" .3 163 2'-10" .2 170

STAIR C 4'-1" .3 163 2'-10" .2 170

STAIR LOAD
STAIR DOOR LOAD
NAME
FACTOR
OCCUPANCY LOAD
OCCUPANT LOAD
WIDTH
FACTOR
CAPACITY

STAIR A 4'-1" .3 163 2'-10" .2 170

STAIR B 4'-1" .3 163 2'-10" .2 170

STAIR C 4'-1" .3 163 2'-10" .2 170

TOTAL

STAIR AND DOOR WIDTH IDENTIFIED BUT NOT INCLUDED

CORE AND SHELL DESIGN OF THIS SPACE INTENDED AS "WHITE BOX" FOR FUTURE TENANT FITOUT DESIGN.

FINAL FITOUT DESIGN WILL NEED TO DEFINE ACTUAL TOILET AND FIXTURE COUNT

FIXTURE COUNT SUMMARY NOTE:

* REDUNDANT STAIR NOTE:

STAIR AND DOOR WIDTH IDENTIFIED BUT NOT INCLUDED

COVERED FINNED TUBE BY TENANT

BEAM ENCLOSURE

TRAVEL DISTANCE FROM MOST REMOTE POINT = 167'-7" FT

FDNY DOOR

**ADDITIONAL REQUIRED RESTROOMS FROM FLOOR 01

SEVERAL RISERS ACCESS TO BE PROVIDED

ABOVE CEILING LINE, TYPICAL

SEE A-447 FOR DETAILS

**REQUIRED

**PROVIDED

TOTAL

STAIR TRANSFER ABOVE,

WEST VERNER

STAIR D

WIDTH

STAIR B

WIDTH

STAIR C

**STAIR & DOOR WIDTH IDENTIFIED BUT NOT INCLUDED

**COVERED FINNED TUBE BY TENANT

**BEAM ENCLOSURE
1 - Retail Restrooms to comply with: BC 1109, 1CC/ANSI 2003 604.3, and typical mounting heights noted on G-005. For fixture requirements, see Egress plans for occupancy calculations, and Table 403.1 on G-005.

2 - All floors, except for street level, to include enclosed elevator lobbies with smoke partitions in accordance with Section 708.14.1.

3 - Fire service access elevator opens to a fire service access lobby at all floors except street level, constructed in accordance with Sections 3007.6.5.
NOTES

1 - RETAIL RESTROOMS TO COMPLY WITH: BC 1109, 1CC/ANSI 2003 604.3, AND TYPICAL MOUNTING HEIGHTS NOTED ON G-005. FOR FIXTURE REQUIREMENTS, SEE EGRESS PLANS FOR OCCUPANCY CALCULATIONS, AND TABLE 403.1 ON G-005.

2 - ALL FLOORS, EXCEPT FOR STREET LEVEL, TO INCLUDE ENCLOSED ELEVATOR LOBBIES WITH SMOKE PARTITIONS IN ACCORDANCE WITH SECTION 708.14.1. FIRE SERVICE ACCESS ELEVATOR OPENS TO A FIRE SERVICE ACCESS LOBBY AT ALL FLOORS EXCEPT...
NOTES

RETAIL RESTROOMS TO COMPLY WITH: BC 1109, 1CC/ANSI 2003 604.3, AND TYPICAL MOUNTING HEIGHTS NOTED ON G-005. FOR FIXTURE REQUIREMENTS, SEE EGRESS PLANS FOR OCCUPANCY CALCULATIONS, AND TABLE 403.1 ON G-005.

2 - ALL FLOORS, EXCEPT FOR STREET LEVEL, TO INCLUDE ENCLOSED ELEVATOR LOBBIES WITH SMOKE PARTITIONS IN ACCORDANCE WITH SECTION 708.14.1.

3 - STREET LEVEL, CONSTRUCTED IN ACCORDANCE WITH SECTIONS 3007.6.5.

DISTANCE BETWEEN EGRESS STAIRS

FLOOR SINK, SEE PLUMBING INFORMATION

MINIMUM CORE REQUIRED (SQ. FT./PER)

AREA (SQ. FT.)

AREA TAG KEY

EXIT CAPACITY SUMMARY, FLR 11

STAIR AND DOOR WIDTH IDENTIFIED BUT NOT INCLUDED

WATER FOUNTAIN* TO BE PROVIDED BY TENANT.

CURBS AT BUS DUCT PENETRATION, TYP.

REFERENCE TO MEP DOCUMENTS FOR EXACT LOCATION

EXIT LOAD

STAIR LOAD

STAIR DOOR WIDTH

STAIR DOOR LOAD

TRAVEL DISTANCE FROM MOST REMOTE POINT = 189'-1" FT

OCCUPANCY FACTOR (SQ. FT./PER)

OCCUPANCY LOAD

FLOOR AREA (SF)

OCCUPANCY INCLUDED IN USE GROUP 'B'TOTALS.
NOTES

RETAIL RESTROOMS TO COMPLY WITH: BC 1109, 1CC/ANSI 2003 604.3, AND TYPICAL MOUNTING HEIGHTS NOTED ON G-005. FOR FIXTURE REQUIREMENTS, SEE EGRESS PLANS FOR OCCUPANCY CALCULATIONS, AND TABLE 403.1 ON G-005.

2 - 3 -
ONE VANDERBILT

DEPT OF BLDGS Job Number Scan Code

121189828

ONE VANDERBILT

1 - RETAIL RESTROOMS TO COMPLY WITH:

- BC 1109, 1CC/ANSI 2003 604.3,
- AND TYPICAL MOUNTING HEIGHTS NOTED ON G-005.

2 - ALL FLOORS, EXCEPT FOR STREET LEVEL, TO INCLUDE ENCLOSED ELEVATOR LOBBIES WITH SMOKE PARTITIONS IN ACCORDANCE WITH SECTION 708.14.1.

3 - FIRE SERVICE ACCESS ELEVATOR OPENS TO A FIRE SERVICE ACCESS LOBBY AT ALL FLOORS EXCEPT STREET LEVEL, CONSTRUCTED IN ACCORDANCE WITH SECTIONS 3007.6.5.

Developer
SL Green
New York, NY 10170
Tel: 212.356.4149 Fax: 212.216.1796

Development Advisor
Hines
499 Park Avenue
New York, NY 10022

Architect
11 West 42nd Street
New York, NY 10036
Tel: 212.977.6500 Fax: 212.956.2526

Structural Engineer
Severud Associates Consulting Engineers
469 Seventh Avenue, Suite 900
New York, NY 10018
Tel: 212.986.3700 Fax: 212.687.6467

Mechanical, Electrical, Plumbing, Fire Protection
New York, NY 10013
Tel: 212.530.9300 Fax: 212.269.5894

Civil / Geotechnical Engineer
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
21 Penn Plaza, 360 West 31 Street, 8th Floor
New York, NY 10001
Tel: 212.479.5400 Fax: 212.479.5444

Vertical Transportation
Van Deusen & Associates
34" 160

Door
34" 170

Riser Access to be provided.

Pipe Chase

WOMEN MEN

1-HOUR RATED WALL
2-HOUR RATED WALL
3-HOUR RATED WALL

Maximum Overall Diagonal Travel Distance

97'-4 1/8"

Diagonal Dimension to Egress

Max. 81'-8"

ADA Compliant Water Fountain to be provided by tenant.

FDNY Service

Office TX

Freight-1 Freight-2 MS

SYMbole Key

Accessories

Tenant Data

Project No.
1943.16

Sheet
Sheet 17 of 42
Sheet 203 of 263

Scale: 1/8" = 1'-0"
NOTES
1 - RETAIL RESTROOMS TO COMPLY WITH: BC 1109, 1CC/ANSI 2003 604.3, AND TYPICAL MOUNTING HEIGHTS NOTED ON G-005. FOR FIXTURE REQUIREMENTS, SEE EGRESS PLANS FOR OCCUPANCY CALCULATIONS, AND TABLE 403.1 ON G-005.
2 - ALL FLOORS, EXCEPT FOR STREET LEVEL, TO INCLUDE ENCLOSED ELEVATOR LOBBIES WITH SMOKE EXHAUST VENTS.
3 - FIRE SERVICE ACCESS ELEVATOR OPENS TO A FIRE SERVICE ACCESS LOBBY AT ALL FLOORS EXCEPT STREET LEVEL, CONSTRUCTED IN ACCORDANCE WITH SECTIONS 3007.6.5.

DISTANCE BETWEEN EGRESS STAIRS
65'-2 1/2"

STAIR A
WIDTH 48" RISER
WIDTH 160" ABOVE CEILING LINE, TYPICAL

STAIR B
WIDTH 34" RISER
WIDTH 170" ABOVE CEILING LINE, TYPICAL

FREIGHT-3 VEST
WIDTH 48" RISER
WIDTH 160" ABOVE CEILING LINE, TYPICAL

FREIGHT-1
FREIGHT-2
WIDTH 34" RISER
WIDTH 170" ABOVE CEILING LINE, TYPICAL

[* REDUNDANT STAIR NOTE: STAIR AND DOOR WIDTH IDENTIFIED BUT NOT INCLUDED IN THIS EGRESS CALCULATION IN ORDER TO COMPLY WITH CORE REQUIREMENTS FOR REDUNDANT STAIR.*]

WEIGHT FACTOR SUMMARY, LEVEL 22

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<tr>
<th>STAIR</th>
<th>WIDTH</th>
<th>FACTOR</th>
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</thead>
<tbody>
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<td>STAIR A</td>
<td>4'-1&quot;</td>
<td>.3</td>
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<tr>
<td>STAIR LOAD</td>
<td>163</td>
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</tr>
<tr>
<td>STAIR A</td>
<td>2'-10&quot;</td>
<td>.2</td>
</tr>
<tr>
<td>STAIR LOAD</td>
<td>170</td>
<td></td>
</tr>
</tbody>
</table>

EXIT CAPACITY SUMMARY, FLR 22

<table>
<thead>
<tr>
<th>STAIR</th>
<th>EXIT CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAIR</td>
<td></td>
</tr>
</tbody>
</table>

EXIT STAIR LOAD | 326 |
DOOR LOAD | 340 |

OCCUPANCY INCLUDED IN USE GROUP 'B' TOTALS.

OCCUPANCY FACTOR (SQ. FT./PER)

AREA (SQ. FT.) OCCUPANCY

<table>
<thead>
<tr>
<th>TYPE</th>
<th>FLOOR AREA (SF)</th>
<th>OCCUPANCY</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>29764 SF</td>
<td>298</td>
</tr>
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</table>

OCCUPANT LOAD SUMMARY, FLR 22

<table>
<thead>
<tr>
<th>TYPE</th>
<th>FLOOR 22 29764 SF</th>
<th>OCCUPANT LOAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>298</td>
<td>91</td>
</tr>
<tr>
<td>B</td>
<td>298</td>
<td>0</td>
</tr>
<tr>
<td>B</td>
<td>298</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Occupant Load: 910
NOTES

1 - RETAIL RESTROOMS TO COMPLY WITH: BC 1109, 1CC/ANSI 2003 604.3, AND TYPICAL MOUNTING HEIGHTS NOTED ON G-005. FOR FIXTURE REQUIREMENTS, SEE EGRESS PLANS FOR OCCUPANCY CALCULATIONS, AND TABLE 403.1 ON G-005.

2 - ALL FLOORS, EXCEPT FOR STREET LEVEL, TO INCLUDE ENCLOSED ELEVATOR LOBBIES WITH SMOKE VEST.

3 - FIRE SERVICE ACCESS ELEVATOR OPENS TO A FIRE SERVICE ACCESS LOBBY AT ALL FLOORS EXCEPT STREET LEVEL, CONSTRUCTED IN ACCORDANCE WITH SECTIONS 3007.6.5.

Developer
SL Green
420 Lexington Avenue, 18th Floor
New York, NY 10170
Tel: 212.356.4149 Fax: 212.216.1796

Hines
New York, NY 10022
Tel: 212.230.2300 Fax: 212.230.2276

Architect
Kohn Pedersen Fox Associates PCA
Architects & Planning Consultants
New York, NY 10036

Mechanical, Electrical, Plumbing, Fire Protection
Jaros Baum & Bolles
80 Pine Street
Tel: 212.530.9300 Fax: 212.269.5894

Civil / Geotechnical Engineer
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
21 Penn Plaza, 360 West 31 Street, 8th Floor
New York, NY 10001

PS

STAIR A
STAIR B*

STAIR C

STAIR B

STAIR A

WIDTH

48"

160

PS

HEIGHT

2'-10"

242'-7 5/8"

STAIR A

HEIGHT

2'-10"

242'-7 5/8"

STAIR B

HEIGHT

2'-10"

242'-7 5/8"

WIDTH

34"

170

PS

EXIT CAPACITY SUMMARY, FLR 23

STAIR

WIDTH

FACTOR

CAPACITY

STAIR

WIDTH

FACTOR

CAPACITY

STAIR A

4'-1" .3

163

2'-10" .2

170

STAIR C

4'-1" .3

163

2'-10" .2

170

OCCUPANCY LOAD

OCCUPANT LOAD

TYPE

FACTOR

LOAD

FACTOR

LOAD

FLOOR AREA (SF)

FLOOR 23 29437 SF B 100 295

H-1H-2H-3MH-1MH-2MH-3SVSP

ML-2 ML-1

FS

SP

2-HOUR RATED WALL

3-HOUR RATED WALL

2-HOUR RATED WALL

RISER ACCESS TO BE PROVIDED ABOVE CEILING AT 8'-6" ABOVE FINISHED FLOOR.

FLOOR SINK, SEE PLUMBING DRAWINGS FOR ADDITIONAL LOCATION.

WATER FOUNTAIN*

*WATER FOUNTAIN TO BE PROVIDED BY TENANT.

MINIMUM CORE REQUIRED FOR LEFT TO RIGHT TRAVEL DISTANCE REFER TO MEP DOCUMENTS FOR EXACT LOCATION.

STAIR AND DOOR WIDTH IDENTIFIED BUT NOT INCLUDED IN THIS EGRESS CALCULATION IN ORDER TO COMPLY WITH CORE REQUIREMENTS FOR REDUNDANT STAIR.

REMOTE POINT = 190'-11" FT

DISTANCE BETWEEN EGRESS STAIRS 65'-2 1/2"

F-2: SEE NOTE

F-2: SEE NOTE

CODE CONSULTING

Pipe Code Consultants, Inc.
215 West 40th Street, 15th Floor
New York, NY 10018
Tel: 212.216.9596 Fax: 212.216.9619

FDNY SERVICE

PS

LVE

MER

CURBS AT BUS DUCT Penetration, TYP.

H-1H-2H-3MH-1MH-2MH-3SVSP

F-2: SEE NOTE

F-2: SEE NOTE

CODE CONSULTING

Van Deusen & Associates
5 Regent Street, Suite 524
Tel: 973.994.9220 Fax: 973.994.2539

H-1H-2H-3MH-1MH-2MH-3SVSP

LVE

MER

PS

Van Deusen & Associates
5 Regent Street, Suite 524
Tel: 973.994.9220 Fax: 973.994.2539

F-2: SEE NOTE

F-2: SEE NOTE

CODE CONSULTING

FDNY SERVICE

PS

LVE

MER

CURBS AT BUS DUCT PEnetration, TYP.

H-1H-2H-3MH-1MH-2MH-3SVSP

PS

LVE

MER

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F-2: SEE NOTE

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F-2: SEE NOTE

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F-2: SEE NOTE

CODE CONSULTING

FDNY SERVICE

PS

LVE

MER

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NOTES
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3 - FIRE SERVICE ACCESS ELEVATOR OPENS TO A FIRE SERVICE ACCESS LOBBY AT ALL FLOORS EXCEPT STREET LEVEL, TO INCLUDE ENCLOSED ELEVATOR LOBBIES WITH SMOKE PARTITIONS IN ACCORDANCE WITH SECTION 708.14.1.

STAIR A
- WIDTH 48" (PERSONS)
- DOOR 34" (PERSONS)

STAIR B
- WIDTH 160 (PERSONS)
- DOOR 170 (PERSONS)

STAIR C
- WIDTH 37' - 9" (PERSONS)
- DOOR 34" (PERSONS)

EXIT CAPACITY SUMMARY, FLR 25-30

<table>
<thead>
<tr>
<th>No.</th>
<th>STAIR</th>
<th>WIDTH</th>
<th>CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>STAIR A 4'-1&quot;</td>
<td>.3</td>
<td>163</td>
</tr>
<tr>
<td></td>
<td>2'-10&quot;</td>
<td>.2</td>
<td>170</td>
</tr>
</tbody>
</table>

EXIT LOAD

<table>
<thead>
<tr>
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<tbody>
<tr>
<td></td>
<td>326</td>
</tr>
<tr>
<td></td>
<td>340</td>
</tr>
</tbody>
</table>

OCCUPANCY LOAD SUMMARY, FLR 25-30

<table>
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<tr>
<th>FLOOR</th>
<th>TYPE</th>
<th>FACTOR</th>
<th>LOAD</th>
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<tbody>
<tr>
<td>25</td>
<td>B 100</td>
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<tr>
<td>29</td>
<td>B 100</td>
<td></td>
<td>276</td>
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<tr>
<td>30</td>
<td>B 100</td>
<td></td>
<td>273</td>
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USE GROUP F-2 NOTE:
- SHOWN FOR USE GROUP ONLY. AREA AND OCCUPANCY INCLUDED IN USE GROUP 'B' TOTALS.

* FLOOR PLAN NOTE:
- FLOOR PLAN NOTE:

SCALE: 1/8" = 1'-0"
### Exit Capacity Summary, Flr 33

<table>
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<th>Capacity</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>STAIR A</td>
<td>4'-1&quot;</td>
<td>.3</td>
<td>163</td>
<td>2'-9&quot;</td>
<td>.2</td>
<td>165</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>STAIR C</td>
<td>4'-1&quot;</td>
<td>.3</td>
<td>163</td>
<td>2'-9&quot;</td>
<td>.2</td>
<td>165</td>
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</tbody>
</table>

### Occupant Load Summary, Flr 33-43

<table>
<thead>
<tr>
<th>No.</th>
<th>Flr</th>
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<td>11</td>
<td>43</td>
<td>22814</td>
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</table>

**Use Group F-2 Note:**
- Shown for use group only. Area and occupant included in use group 'B' totals.

**Floor Plan Note:**
- Floor 33 (shown) represents the largest occupant load and greatest travel distance off floors 33 - 43.
NOTES
1 - RETAIL RESTROOMS TO COMPLY WITH: BC 1109, 1CC/ANSI 2003 604.3, AND TYPICAL MOUNTING HEIGHTS AND TABLE 403.1 ON G-005.
2 - ALL FLOORS, EXCEPT FOR STREET LEVEL, TO INCLUDE ENCLOSED ELEVATOR LOBBIES WITH SMOKE PARTITIONS IN ACCORDANCE WITH SECTION 708.14.1.
3 - FIRE SERVICE ACCESS ELEVATOR OPENS TO A FIRE SERVICE ACCESS LOBBY AT ALL FLOORS EXCEPT STREET LEVEL, CONSTRUCTED IN ACCORDANCE WITH SECTIONS 3007.6.5.

Developer
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MEP Code Consulting
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Tel: 212.479.5400 Fax: 212.479.5444

Van Deusen & Associates
5 Regent Street, Suite 524
Livingston, NJ 07039
Tel: 212.479.5400 Fax: 212.479.5444

PS
CHASE
LVE SP FS MH-3 MH-2 MH-1

RISER ACCESS TO BE PROVIDED ABOVE CEILING LINE, TYPICAL
REFER TO MEP DOCUMENTS

PS MH-4 MH-5 MH-6 MH-7 H-4 H-5 OD-2 OD-1

CURBS AT BUS DUCT
FOR EXACT LOCATION

F-2: SEE NOTE
CHASE
LVE SP FS MH-3 MH-2 MH-1

65'-2 1/2" DISTANCE BETWEEN EGRESS STAIRS

Width
STAIR A
48" 160
STAIR B
48" 160

Width
STAIR
48" 160
DOOR
34" 170

68' - 2" PENUMTRATION, TYP.

PS MH-4 MH-5 MH-6 MH-7 H-4 H-5 OD-2 OD-1

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

DRAWING TITLE
EGRESS FLOOR PLAN 44

DRAWING NUMBER
EG-144.00
SHEET 211 OF 263
SHEET 25 OF 42

Issue Date:
09-30-2016

Project No.
1943.16

Drawn By
KPF

Sheet 25 Of 42

Sheet 211 Of 263

FLOOR 44

SCALE: 1/8" = 1'-0"
<table>
<thead>
<tr>
<th>Type</th>
<th>Factor</th>
<th>Width</th>
<th>Width Factor</th>
<th>Capacity</th>
<th>Load</th>
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<tbody>
<tr>
<td>STAIR A</td>
<td>4'-1&quot;</td>
<td>3</td>
<td>163</td>
<td>2'-9&quot;</td>
<td>2</td>
</tr>
<tr>
<td>STAIR C</td>
<td>4'-1&quot;</td>
<td>3</td>
<td>163</td>
<td>2'-9&quot;</td>
<td>2</td>
</tr>
</tbody>
</table>

**Exit Capacity Summary, FLR 45**

| Floor Area (SF) | FLOOR 45 22129 SF | F-2 300 | 74 |

**OCCUPANCY LOAD**

**CAPACITY**

**Description**

**Date**

**DEPT OF BLDGS**

Job Number: 121189828

Scan Code: ES126451108

OCCUPANCY LOAD

CAPACITY

**Development Advisor**

SL Green

420 Lexington Avenue, 18th Floor

New York, NY 10170

Tel: 212.356.4149 Fax: 212.216.1796

**EMERGENCY GENERATOR**

Hines

**DIESEL EXHAUST FLUE**

499 Park Avenue

**FINISHED CORRIDOR BEHIND EXTERIOR CURTAIN WALL TO INCLUDE PAINTED GYP WALLS, FINISHED CEILINGS, AND LIGHTING, TYP**

**ARCHITECTURAL EXTERIOR LOUVER WALL**

469 Seventh Avenue, Suite 900

New York, NY 10018

Tel: 212.986.3700 Fax: 212.687.6467

**HANDRAIL**

**4" HIGH LANDING WITH HANDRAIL**

**4" HIGH CURB**

**10'-0" CLEAR 2HR RATED CEILING**

**155'-0 1/8"**

**FINISHES**

420 Lexington Avenue, 18th Floor

New York, NY 10170

Tel: 212.356.4149 Fax: 212.216.1796

**DISTRIBUTION BOARD CHASE**

**PIPE**

**BUS DUCT CURB 4" HIGH**

**CHASE**

**STRUCTURAL TRUSS - SEE STRUCTURAL DRAWINGS FOR**

Van Deusen & Associates

5 Regent Street, Suite 524

Livingston, NJ 07039

Tel: 973.994.9220 Fax: 973.994.2539

**FDNY SERVICE**

**S**

**FS**

**SP FS MH-OR MH-OR MH-OR H-3 H-2 H-1 SP**

**96'-9 1/4"**

**MAXIMUM OVERALL DIAGONAL FACTOR (SQ. FT./PER)**

**AREA (SQ. FT.)**

**FACTOR**

**FACTOR (PERSONS)**

**22129 SF**

**74**

**208'-11 5/8"**

**150'-1 1/4"**

**LOUVER WALL**

**LOUVERS AND INTERIOR LOUVER WALL NOT INSULATED.**

**INSULATION, ROOFING, AND DRAINAGE TO BE PROVIDED FOR FULL EXTENT OF AREA TAG KEY**

**EXIT**

**STAIR TO ELEVATOR MACHINES ROOM ABOVE**

**GREATNESS THAN MINIMUM OF 69'-8"**

**SHEET 212 OF 263**

**SHEET 26 OF 42**

**KEY PLAN**

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

**DRAWING TITLE**

EGRESS FLOOR PLAN 45

**DRAWN BY**

KPF

**ISSUE DATE**

09-30-2016

**D.O.B NEW BUILDING SUBMISSION 09-30-2016**

**1 D.O.B NEW BUILDING SUBMISSION 09-30-2016**

**2-HOUR RATED WALL REQUIRED TO BE ACTIVE (PER MEP DOCUMENTS) IS TO BE BLANKED OFF AND FULLY INSULATED.**

**APPROXIMATELY 5' BEHIND LINE OF ELEVATOR MACHINE ROOM**

**REMOTE POINT = 136'-10" FT**

**DIAGONAL DIMENSION TO EGRES**

**STAIR B WIDTH**

**WIDTH**

**WIDTH**

**48"**

**160**

**STAIR**

**DOOR**

**DOOR**

**DOOR**

**34"**

**170**

**4" HIGH CURB**

**4" HIGH LANDING WITH HANDRAIL**

**4" HIGH CURB**

**2-HOUR RATED WALL**

**3-HOUR RATED WALL**

**1-HOUR RATED WALL**

**FULL HEIGHT INTERIOR LOUVER WALL NOT INSULATED. ANY PORTION OF LOUVERS. ANY PORTION OF INTERIOR LOUVER WALL NOT INSULATED. ANY PORTION OF LOUVERS. ANY PORTION OF INTERIOR LOUVER WALL NOT INSULATED. ANY PORTION OF LOUVERS. ANY PORTION OF INTERIOR LOUVER WALL NOT INSULATED. ANY PORTION OF LOUVERS. ANY PORTION OF INTERIOR LOUVER WALL NOT INSULATED. ANY PORTION OF LOUVERS. ANY PORTION OF INTERIOR LOUVER WALL NOT INSULATED. ANY PORTION OF LOUVERS. ANY PORTION OF INTERIOR LOUVER WALL NOT INSULATED. ANY PORTION OF LOUVERS. ANY PORTION OF INTERIOR LOUVER WALL NOT INSULATED. ANY PORTION OF LOUVERS. ANY PORTION OF INTERIOR LOUVER WALL NOT INSULATED. ANY PORTION OF LOUVERS. ANY PORTION OF INTERIOR LOUVER WALL NOT INSULATED. ANY PORTION OF LOUVERS. ANY PORTION OF INTERIOR LOUVER WALL NOT INSULATED. ANY PORTION OF LOUVERS. ANY PORTION OF INTERIOR LOUVER WALL NOT INSULATED. ANY PORTION OF LOUVERS. ANY PORTION OF INTERIOR LOUVER WALL NOT INSULATED. ANY PORTION OF LOUVERS. ANY PORTION OF INTERIOR LOUVER WALL NOT INSULATED. ANY PORTION OF LOUVERS. ANY PORTION OF INTERIOR LOUVER WALL NOT INSULATED. ANY PORTION OF LOUVERS. ANY PORTION OF INTERIOR LOUVER WALL NOT INSULATED. ANY PORTION OF LOUVERS. ANY PORTION OF INTERIOR LOUVER WALL NOT INSULATED. ANY PORTION OF LOUVERS. ANY PORTION OF INTERIOR LOUVER WALL NOT INSULATED.
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3 - FIRE SERVICE ACCESS ELEVATOR OPENS TO A FIRE SERVICE ACCESS LOBBY AT ALL FLOORS EXCEPT
NOTES

1 - RETAIL RESTROOMS TO COMPLY WITH: BC 1109, 1CC/ANSI 2003 604.3, AND TYPICAL MOUNTING HEIGHTS NOTED ON G-005. FOR FIXTURE REQUIREMENTS, SEE EGRESS PLANS FOR OCCUPANCY CALCULATIONS, AND TABLE 403.1 ON G-005.

2 - PARTITIONS IN ACCORDANCE WITH SECTION 708.14.1.

3 - FIRE SERVICE ACCESS ELEVATOR OPENS TO A FIRE SERVICE ACCESS LOBBY AT ALL FLOORS EXCEPT STREET LEVEL, CONSTRUCTED IN ACCORDANCE WITH SECTIONS 3007.6.5.

FINISHED CORRIDOR BEHIND LIGHTING REQUIRED IN PLENUM INCLUDE PAINTED GYP WALLS, LIGHTING STRATEGY TBD.

DISTANCE BETWEEN EGRESS STAIRS 142'-1 1/4".

LOCATION PIPE CODE CONSULTANTS, INC. 215 WEST 40TH STREET, 15TH FLOOR NEW YORK, NY 10018 TEL: 212.216.9596 FAX: 212.216.9619

MECHANICAL F-2 300 13053 SF GREATER THAN MINIMUM OF 63'-2"

GREATER THAN MINIMUM OF 63'-2" TRAVEL DISTANCE FROM MOST REMOTE POINT = 132'-6" FT REMOTE POINT = 153'-1" FT

FOR FULL EXTENT OF EXTERIOR ARCHITECTURAL BUS DUCT CURB 4" HIGH

INTERIOR LOUVER WALL NOT REQUIRED TO BE ACTIVE (PER MEP DOCUMENTS) IS TO BE BLANKED OFF AND FULLY INSULATED.

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139'-6 1/4" New York, NY 10170 Tel: 212.356.4149 Fax: 212.216.1796
Development Advisor Hines 499 Park Avenue New York, NY 10022 Tel: 212.230.2300 Fax: 212.230.2276 Architect Kohn Pedersen Fox Associates PCArchitects & Planning Consultants 11 West 42nd Street New York, NY 10036 Tel: 212.977.6500 Fax: 212.956.2526 Structural Engineer 469 Seventh Avenue, Suite 900 New York, NY 10018 Tel: 212.986.3700 Fax: 212.687.6467 Mechanical, Electrical, Plumbing, Fire Protection Jaros Baum & Bolles 80 Pine Street New York, NY 10013 Tel: 212.530.9300 Fax: 212.269.5894 Civil / Geotechnical Engineer 21 Penn Plaza, 360 West 31 Street, 8th Floor New York, NY 10001 Tel: 212.479.5400 Fax: 212.479.5444 STAIR A WIDTH STAIR B WIDTH STAIR C WIDTH DOOR WIDTH FREIGHT-1F FREIGHT-2 FREIGHT-3 STAIR A 48" 160 STAIR C 48" 160 DOOR 34" 170 VAN DEUSEN & ASSOCIATES 34" 170 5 Regent Street, Suite 524 Livingston, NJ 07039 Tel: 973.994.9220 Fax: 973.994.2539 Code Consultants, Inc. 215 West 40th Street, 15th Floor New York, NY 10018 Tel: 212.216.9596 Fax: 212.216.9619 FDNY SERVICE FLUES H-OR H-OR H-OR SP LVE GREATER THAN MINIMUM OF 62'-3" 65'-5 5/8" DIAGONAL DIMENSION TO EGRES F-2: SEE NOTE CEILING LINE, TYPICAL REFER TO MEP DOCUMENTS FOR EXACT LOCATION CHASE MS F-2: SEE NOTE PROVISION ABOVE CEILING LINE, TYPICAL REFER TO MEP DOCUMENTS FOR EXACT LOCATION CHASE MS CIRCULATION M 60 BUS DUCT CURB 4" HIGH 17936 SF ELEVATOR FLOOR AREA (SF) OCCUPANCY FACTOR (SQ. FT./PER) OCCUPANT LOAD TYPE FACTOR LOAD 101 0 00 22 01 0 00 00 11 -00 17936 SF M 60 299 330 326 2014 PLUMBING CODE - TABLE 403.1 PLUMBING FIXTURE COUNT SUMMARY ** REQUIRED PROVIDED LAV WC UR MEN WOMEN UNISEX N/A 0 00 00 00 101 0 00 00 00 11 -00 00 00 00 11 N/A 0 00 00 00 22 *WATER FOUNTAIN TO BE PROVIDED BY TENANT
**ADDITIONAL REQUIRED FIXTURES TO BE PROVIDED BY TENANT
TRAVEL DISTANCE FROM MOST REMOTE POINT = 133'-6" FT
### OCCUPANCY LOAD

<table>
<thead>
<tr>
<th>TYPE</th>
<th>OCCUPANT LOAD</th>
<th>NO. OF OCCUPANTS</th>
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</thead>
<tbody>
<tr>
<td>MEN</td>
<td>N/A</td>
<td>0</td>
</tr>
<tr>
<td>WOMEN</td>
<td>N/A</td>
<td>0</td>
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<tr>
<td>UNISEX</td>
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<td>1</td>
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<tr>
<td>TOTAL</td>
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<td>23</td>
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### Notes
- Retail Restrooms to comply with BC 1109, 1CC/ANSI 2003 604.3, and typical mounting heights noted on G-005. For fixture requirements, see Egress Plans for Occupancy Calculations, and Table 403.1 on G-005.
- All floors, except for street level, to include enclosed elevator lobbies with smoke partitions in accordance with Section 708.14.1.
- Fire Service Access Elevator opens to a Fire Service Access Lobby at all floors except street level, constructed in accordance with Sections 3007.6.5.

### Dimensions
- 65'-2 1/2" distance between egress stairs.
- Vertical Transportation:
  - STAIR A:
    - Width: 48" (STAIR B* Width: 48")
    - Door: 34" (STAIR B Door: 34")
  - STAIR C:
    - Width: 48" (STAIR B* Width: 48")
    - Door: 34" (STAIR B Door: 34")

### Table 403.1 on G-005

<table>
<thead>
<tr>
<th>SYMBOL KEY</th>
<th>AREA (SQ. FT.)</th>
<th>OCCUPANT FACTOR (SQ. FT./PER)</th>
</tr>
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<tbody>
<tr>
<td>SX</td>
<td>17590</td>
<td>M 60</td>
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### Plumbing Fixtures
- Minimum Core Required Plumbing Fixture Count Summary:
  - WC Ur - 101
  - WC Ur - Women - 11
  - WC Ur - Unisex - 1
  - LAV - Men - N/A
  - LAV - Women - 00
  - LAV - Unisex - 01
  - WC Ur - Men - N/A
  - WC Ur - Women - 00
  - WC Ur - Unisex - N/A
  - LAV - Men - N/A
  - LAV - Women - N/A
  - LAV - Unisex - N/A
  - Water Fountain* - Women - N/A
  - Water Fountain* - Unisex - N/A
  - Water Fountain* - Men - N/A
- Water Fountain* to be provided by tenant.

### Travel Distance
- From Most Remote Point = 132'-6" FT.

### Egress Calculations
- Core Requirements for Redundant Stair.
- Use Group F-2:
  - Shown for use group only. Area and occupancy included in use group 'M' totals.
OCCUPANCY LOAD FACTOR (SQ. FT./PER)

AREA (SQ. FT.)

OCCUPANT LOAD (PERSONS)

STAIR DOOR WIDTH

STAIR DOOR CAPACITY

STAIR A 4'-1" .3 163 2'-9" .2 165

STAIR C 4'-1" .3 163 2'-9" .2 165

NOTE: 1. ACCESS TO THIS LEVEL AND ABOVE IS FOR MECHANICAL PERSONNEL ONLY.
### Zoning Floor Area Calculations

**ONE VANDERBILT**

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### NOTES TO USERS

This map is for use only in connection with the National Flood Insurance Program. A damage assessment of or to an existing building, or a reconstruction of a pre-existing building, may not be based on this map. The Flood Insurance Rate Map (FIRM) is only one of the sources of data used for flood hazard determination. Additional information provided by other agencies or by the local government will be given consideration in determining flood hazards. Therefore, the user of this map should consult the data sources or with the Flood Insurance Program to verify the flood hazard information. The existing structure should be reviewed to determine whether this map applies to that particular structure.

For a complete history of flood data, contact the Federal Emergency Management Agency (FEMA). For information on available services associated with the OCR number, call the National Flood Insurance Program (NFIP) at (888) 376-2273.

### LEGEND

**FIRM**

Flood Insurance Rate Map

**ZONING FLOOD ZONE MAP**

Zonation Flood Zone Map

**FLOOD HAZARD AREA**

No. 1 D.O.B. NEW BUILDING SUBMISSION 09-30-2016

**AFFECTED PARCELS**

1. Mapped parcels that have an area of at least 10 square feet and a base flood elevation (BFE) of 11 feet above mean sea level (MSL) or greater.

2. Mapped parcels that have an area of less than 10 square feet and a BFE of 11 feet and above.

### TABLE

<table>
<thead>
<tr>
<th>Description</th>
<th>Date</th>
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<tbody>
<tr>
<td>ZONING FLOOD ZONE MAP</td>
<td>Sheet 4 of 43</td>
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<td>SHEET 224 OF 263</td>
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### SHEET 8 OF 57

- **UP**
- **HC**

### DRAWING DETAILS

- **Drawing Title:**
- **Drawing Number:**

### DRAWING INFORMATION

- **Scale:**
- **Drawn By:**
- **Issue Date:**

### ZONING FLOOD ZONE MAP

- **Z-004.00**

### FIRM

- **121189828**
- **ES520916790**

### DEPT OF BLDGS

- **Job Number:**
- **Scan Code:**
DEPT OF BLDGS Job Number Scan Code
GROUND FLOOR PLAN

 Legend:

- Primary Entry
- Secondary Entry
- Exit/Exit
- Transit Hall / Subway
- Context Buildings
- Proposed Line Out
- Existing Street
- Proposed Sidewalk Location
- Connection to Grand Central Concourse
- Connection to Shuttle Platform
- Exit Access to Level 2
- Exit Access to Level 3

Drawing Title: ONE VANDERBILT
Drawing Number: Z-007.00

Issue Date: 09-30-2016

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ONE VANDERBILT

PEDESTRIAN CIRCULATION SPACE CALCULATIONS
TOTAL 3500 SQFT

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<tr>
<th>Square Footage</th>
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<tr>
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<tr>
<td>300 SQFT</td>
<td>Sidewalk porch</td>
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<td>40 SQFT</td>
<td>1st St - Compliant</td>
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<tr>
<td>250 SQFT</td>
<td>2nd St - Non-Compliant</td>
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<tr>
<td>40 SQFT</td>
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<tr>
<td>150 SQFT</td>
<td>Madison Ave - Non-Compliant</td>
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AS APPROVED BY NYC SPECIAL PERMIT RC VERTICAL ZSM

VANDERBILT PLACE (PUBLIC PLACE)

LEGEND
- Public Realm Improvement
- Sidewalk Porch

GROUNDFLOOR PLAN

Director, Construction Administration

Kohn Pedersen Fox Associates PC
Architects & Planning Consultants
11 West 42nd Street
New York, NY 10036
Tel: 212.977.6500 Fax: 212.956.2526

KPF

DRAWING TITLE: PEDESTRIAN CIRCULATION
DRAWING NUMBER: Z-008.00

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BIKE STORAGE

TOTAL: 190 BIKES (185 BIKES REQUIRED)

AREA: 1628 SF

EFFICIENCY: 9 SF PER BIKE (GREATER THAN 6 SF PER BIKE)

DEPT OF BLDGS Job Number Scan Code
BIKE STORAGE:

- TOTAL: 190 BIKES
- AREA: 1628 SF
- EFFICIENCY: 9 SF PER BIKE (GREATER THAN 6 SF PER BIKE)
ZONING AREA FLOOR PLAN 02

1 FLOOR 02

NOTE:
All indicated shaft deductions are a minimum 2-hour fire rated shaft enclosures.

ZFA CALCULATIONS, FLOOR 02

FLOOR GSF
TOTAL DEDUCTIONS ZFA (GSF DEDUCTIONS)

FLOOR 02 30286 SF 4086 SF 26199 SF
ZFA DEDUCTIONS, FLR 07

NUMBER USE AREA

0701 LVE 107 SF
0702 FS 97 SF
0703 PS 19 SF
0704 ES 114 SF
0705 LVE 82 SF
0706 PC 79 SF
0707 SP 70 SF
0708 FS 49 SF
0709 TX 71 SF
0710 FO 14 SF
0711 SP 66 SF
0712 FO 23 SF
0713 PC 78 SF
0714 LVE 139 SF
0715 MS 82 SF
0716 ELEC 149 SF
0717 CW 19 SF
0718 FS 91 SF
0719 STAIR 247 SF
0720 SP 38 SF
0722 PS 56 SF
0723 SX 51 SF
0724 SP 63 SF
0725 MS 29 SF
0726 PC 74 SF
0727 TX 71 SF
0728 PC 81 SF
0729 MS 54 SF
0730 MS 74 SF
0731 ELEC 143 SF
0732 ES 62 SF
0733 MS 56 SF
0734 PC 39 SF
0735 PC 7 SF
0736 PC 5 SF
0737 PC 7 SF
0738 PC 7 SF
0739 PC 7 SF
0740 PC 7 SF
0741 PC 7 SF
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0747 PC 7 SF
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0750 PC 7 SF
0751 PC 7 SF
0752 PC 7 SF
0753 PC 5 SF
0754 PC 5 SF
0755 PC 7 SF
0756 PC 7 SF
0757 PC 7 SF
0758 SX 31 SF

2679 SF

FLOOR 07-10 (FLR 7 SHOWN)

NOTE:
ALL INDICATED SHAFT DEDUCTIONS ARE A MINIMUM 2 HOUR FIRE RATED SHAFT ENCLOSURES
**ONE VANDERBILT**

**FLOOR 13 - MECHANICAL**

**NOTE:**
All indicated shaft deductions are a minimum 2-hour fire rated shaft enclosures.

**ZFA DEDUCTIONS, FLR 13**

- NUMBER USE AREA
- 1301 PS 19 SF
- 1302 ES 114 SF
- 1303 LVE 82 SF
- 1304 SP 89 SF
- 1305 SV 51 SF
- 1306 PC 77 SF
- 1307 TX 117 SF
- 1308 PC 80 SF
- 1309 FO 8 SF
- 1310 SP 80 SF
- 1311 LVE 138 SF
- 1312 FS 80 SF
- 1313 ELEC 146 SF
- 1314 CW 19 SF
- 1315 FS 91 SF
- 1316 STAIR 247 SF
- 1317 MS 61 SF
- 1319 SP 38 SF
- 1320 SX 51 SF
- 1321 PS 55 SF
- 1322 SP 65 SF
- 1324 MS 57 SF
- 1325 ELEC 142 SF
- 1326 FS 37 SF
- 1327 ES 25 SF
- 1328 MS 55 SF
- 1330 SX 51 SF
- 1331 PS 23 SF
- 1332 PC 7 SF
- 1333 PC 7 SF
- 1334 PC 7 SF
- 1335 PC 7 SF
- 1336 PC 7 SF
- 1337 PC 7 SF
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- 1340 PC 7 SF
- 1341 PC 5 SF
- 1342 PC 7 SF
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- 1344 PC 7 SF
- 1345 PC 7 SF
- 1346 PC 5 SF
- 1347 PC 5 SF
- 1348 PC 7 SF
- 1349 PC 7 SF
- 1350 PC 7 SF
- 1358 MS 33 SF
- 1359 MS 23 SF
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- 2345 SF

**TOTAL GSF**
32818 SF
2345 SF
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Z-122.00  FLOOR 22  SHEET 27 OF 43

NOTE:
ALL INDICATED SHAFT DEDUCTIONS ARE A MINIMUM 2-HOUR FIRE RATED SHAFT ENCLOSURES

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ZFA CALCULATIONS, FLOOR 22

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TOTAL GSF: 2903 SF
TOTAL DEDUCTIONS: 26861 SF

Scale: 1/8" = 1'-0"
NOTE: ALL INDICATED SHAFT DEDUCTIONS ARE A MINIMUM 2-HOUR FIRE RATED SHAFT ENCLOSURES

ZONA FLR 25

2501 PS 12 SF
2502 ELEC 215 SF
2503 LVE 137 SF
2504 SP 88 SF
2505 SV 52 SF
2506 PC 68 SF
2507 TX 107 SF
2508 PC 87 SF
2509 FO 8 SF
2510 SP 80 SF
2511 LVE 79 SF
2512 FS 47 SF
2513 ES 85 SF
2514 CW 19 SF
2515 MS 104 SF
2516 MER 670 SF
2517 STAIR 236 SF
2518 SX 85 SF
2519 SP 113 SF
2520 PS 54 SF
2521 ES 61 SF
2522 MS 66 SF
2523 SX 49 SF
2524 PS 21 SF
2525 MS 54 SF
2526 FS 66 SF
2527 ES 39 SF
2528 PC 7 SF
2529 PC 7 SF
2530 PC 7 SF
2531 PC 7 SF
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2540 PC 7 SF
2541 PC 7 SF
2542 PC 5 SF
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2544 PC 7 SF
2545 PC 7 SF
2546 PC 7 SF
2547 PC 7 SF

ZONA FLR 25-30

FLOOR GSF
TOTAL DEDUCTIONS
ZONA (GSF DEDUCTIONS)

FLOOR 25 28801 SF 2914 SF 25887 SF
FLOOR 26 28480 SF 2914 SF 25565 SF
FLOOR 27 28162 SF 2914 SF 25247 SF
FLOOR 28 27847 SF 2914 SF 24933 SF
FLOOR 29 27529 SF 2914 SF 24615 SF
FLOOR 30 27228 SF 2914 SF 24314 SF

NOTE: ALL INDICATED SHAFT DEDUCTIONS ARE A MINIMUM 2-HOUR FIRE RATED SHAFT ENCLOSURES

SCALE: 1/8" = 1'-0"
NOTE:
ALL INDICATED SHAFT DEDUCTIONS ARE A MINIMUM 2-HOUR FIRE RATED SHAFT ENCLOSURES

ZONING AREA FLOOR PLAN 44

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ZFA CALCULATIONS, FLOOR 44

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D.O.B. NEW BUILDING SUBMISSION 09-30-2016
NOTE: ALL INDICATED SHAFT DEDUCTIONS ARE A MINIMUM 2-HOUR FIRE RATED SHAFT ENCLOSURES

ZFA DEDUCTIONS, FLR 46

NUMBER USE AREA

4601 SP 91 SF
4602 LVE 89 SF
4603 ELEC 122 SF
4604 SP 95 SF
4605 LVE 43 SF
4606 FS 38 SF
4607 ES 69 SF
4608 CW 19 SF
4609 MS 104 SF
4610 MER 670 SF
4611 STAIR 236 SF
4612 SX 87 SF
4613 PS 48 SF
4614 SP 87 SF
4615 FS 28 SF
4616 PC 157 SF
4617 TX 37 SF
4618 SX 48 SF
4619 PC 7 SF
4620 PC 7 SF
4621 PC 7 SF
4622 PC 7 SF
4623 PC 5 SF
4624 PC 7 SF
4625 PC 7 SF
4626 PC 7 SF
4627 PC 5 SF
4628 PC 7 SF
4629 PC 7 SF
4630 PC 7 SF
4631 PC 7 SF
4632 PC 5 SF
4633 PC 7 SF
4634 PC 5 SF
4635 PC 7 SF
4636 PC 7 SF
4637 PC 78 SF

ZFA CALCULATIONS, FLOOR 46-52

FLOOR GSF
TOTAL DEDUCTIONS
ZFA (GSF DEDUCTIONS)

FLOOR 46 21498 SF 2269 SF 19229 SF
FLOOR 47 21188 SF 2269 SF 18920 SF
FLOOR 48 20875 SF 2269 SF 18607 SF
FLOOR 49 20567 SF 2269 SF 18298 SF
FLOOR 50 20261 SF 2269 SF 17992 SF
FLOOR 51 19958 SF 2269 SF 17689 SF
FLOOR 52 19658 SF 2269 SF 17389 SF
NOTE:
ALL INDICATED SHAFT DEDUCTIONS ARE A MINIMUM 2 HOUR FIRE RATED SHAFT ENCLOSURES

ZFA CALCULATIONS, FLOOR 54

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TOTAL DEDUCTIONS

FLOOR 54 19062 SF 2265 SF 16798 SF
NOTE:
ALL INDICATED SHAFT DEDUCTIONS ARE A MINIMUM 2 HOUR FIRE RATED SHAFT ENCLOSURES
NOTE: ALL INDICATED SHAFT DEDUCTIONS ARE A MINIMUM 2-HOUR FIRE RATED SHAFT ENCLOSURES.

ZFA CALCULATIONS, FLOOR 58

FLOOR GSF
TOTAL DEDUCTIONS (GSF)

FLOOR 58 17590 SF 2169 SF 15421 SF