

9 Metro Tech Center, 3rd Floor Brooklyn, NY 11201

Joseph.Gadalla@fdny.nyc.gov

To: John Raine, R.A.

Borough Commissioner 280 Broadway, 3rd Fl New York, N.Y 10007

From: Joseph Gadalla Date: 09/26/2024

Record ID: 2024-EPPGFP-000069-PLAN

Date Submtted: 1/23/2024

Premises: 821 1 Avenue Manhattan NY 10017

BIN: 1090642

#### Fire Protection Plan

# **Letter of Approval**

Re: Location: 821 1 Avenue Manhattan NY 10017

Buildings Dept: 121191138

Occupancy Classification: B Office, Professional, Service-type transaction, Public

or Civic Services

Dear Commissioner John Raine, R.A.

The Fire Protection Plan submitted for the above application has been examined, and found to meet or exceed the minimum requirements for Fire Protection Plan, as set forth by Article 109 of NYC General Administrative Provisions of Construction Codes.

This letter, however, does not waive the requirements of any other agencies having jurisdiction.

By order of,

**Chief of Fire Prevention** 

Sincerely,

Joseph Gadalla

Record ID: 2024-EPPGFP-000069-PLAN Page: 1 of 1

Job #: 121191138

Date:	August 15, 2024
Project:	Turkevi Center
Address:	821 First Avenue, Manhattan, NY 10017
Block:	1338
Lot:	30, 31, 132
Stories:	35 stories: 1 floors – underground parking 2 floors – mechanical/ auditorium 1 floors – lobby 15 floors (above lobby) – office 13 floors (above lobby) – residential 6 floors (above lobby) – mechanical
Height:	561 FT
Occupancy Groups:	B, A-2, A-3, R-2, S-2
Construction Classification:	1A
Occupancy Load:	1,787
DOB Job #:	121191138
DOB Application # (TCO)	
Code:	2014 NYC Building Code

## Narrative for Fire Protection Plans

#### 3.1 Communications Systems

Manual and automatic fire alarm system with one- and two-way voice communication is provided in office portion of the building. Sprinkler alarm and smoke detection system with one way voice communication to apartments, amenity areas and stairs is provided in residential portion.

## 3.2 Fire Alarm Systems

A fire alarm in compliance with NYC Building Code Section 403 (high rise buildings) and Chapter 9 is installed throughout the building. The system monitors the sprinkler system water supply, pumps, water flow and tamper switches. Manual pull stations are provided at the entrance to all egress stairs and exits in office portion of the building. A single manual pull station is provided in 1st floor Security Room for residential portion. Speakers and strobe lights are provided in all common areas in the office portion of the building. Warden phones are provided for two-way communication within 5 feet of stair entry on each office floor. Paging speakers are provided in all residential dwellings and in all enclosed staircases. The fire alarm

system is provided with capability to make paging announcements on each floor, in each staircase and throughout the building. Fan shut down, fire smoke damper control and elevator recall are initiated from the fire alarm system. Stairwell pressurization and post fire smoke purge are also initiated from the fire alarm system.

#### Smoke / Heat / CO Detection: 3.3

- a. Smoke detectors are provided in elevator lobbies, electric rooms, main switchgear room, top of shafts, elevator machine rooms, mechanical rooms, IT and similar rooms. Duct smoke detectors are provided on all fans over 2000cfm (to initiate fan shut down) that provide outside air, supply air heating or ventilation.
- b. Heat detectors are provided in Laundry, Generator and Boiler Rooms.
- c. Carbon monoxide detectors are provided in rooms containing carbon monoxide producing equipment, in common areas of floors housing parking garage as well as floors above and below.
- d. Hardwired Smoke/CO alarms, that are not connected to the fire alarm system, are provided in bedrooms and within 15 feet of bedroom doors in all apartments.

#### 3.4 Fire Command Centers

Each of the two Fire Command Centers (residential and commercial) is located in respective building lobby on the 1st floor at the FDNY designated point of response.

#### 3.5 Elevator Recall

Elevator recall is initiated by smoke detectors in all elevator lobbies, elevator machine rooms and top of elevator shafts and by water flow switches throughout the building. All of the elevators on this project (S1, R1, R2, M1, M2, M3, C1, C2, P1, P2) will recall to the Ground floor when Phase I recall is initiated. Each elevator bank will have a Phase I recall switch in the Ground floor lobby, adjacent to the elevator call station/button for the bank. The elevator banks are as follows: (S, R, M, C, P). There will also be Phase I recall switches for each bank in the Fire Command Center. Every elevator cab will have a Phase II switch in the car operating panel/ front return.

## 3.6 Emergency Lighting and Power System

The building is equipped with an egress lighting system with emergency power. The egress lighting serves all required egress pathways throughout the building. The egress lighting supplied by emergency power via the emergency generator except for tenant spaces. The egress lighting for tenant spaces are provided with emergency power from local, unit-mounted battery packs. Elevator cab lighting is also provided with emergency power from local, unitmounted battery packs in addition to standby generator power. Internally illuminated exit signs are also supplied by emergency power from the emergency generator and are also backed up by integral unit-mounted battery packs.

## 3.7 Combination Fire Standpipe and Sprinkler System

a. The site is a mixed use commercial with residential components. The entire building is protected with a combination fire standpipe and sprinkler system, supplied through two (2) fire water services from independent streets. One fire water service is supplied from an existing city water main in First avenue and the secondary service is supplied from an existing city water main in East 46th Street. The two (2) 8-inch services are each provided through a Double Check Detector Assembly (DCDA) located on the cellar level and Subcellar 2 level.



- b. The building is a two (2) zone building. The street supply pressures are boosted by an automatic fire pump rated at 750 GPM and a jockey pump located in the fire pump room on the cellar level for Zone 1. Zone 2 has fire reserve tanks on the 35th Floor with 22,500 gallons of fire water reserve. These thanks supply the 750 GPM special service fire pump and jockey pump on the 34th floor.
- c. A three-way roof manifold is provided at the top of the highest stair landing, in Stair A.
- d. The building has two (2) fire department connections: (1) on East 46th Street and (1) on First Avenue. The automatic fire pump and special service pump is furnished with all required accessories such as relief valve, hose valve header, sight cone, etc. The pumps are furnished with a dedicated controller, complete with running lights, power availability, and all other required and necessary accessories.
- e. The standpipe system is a class I system and will comply with NYC Building Code BC 905.3.
- f. The 6-inch combined sprinkler/standpipe riser and 3-inch drain riser is located in Stair A and Stair B. Each standpipe connection is equipped with a 2½" hose valve on each landing. Sprinkler Floor Control Valve assemblies, (FCVA) are located on each floor from alternating fire standpipes.
- g. The entire standpipe/sprinkler system is electronically supervised with all alarm, supervisory and trouble signals being transmitted to the Fire Command Center.
- h. Tamper switches are provided on all fire protection control valves.
- i. All standpipes shall be painted red as required by code.
- j. The fire pump is sized to provide a minimum of 65 psi at the top of the building.
- k. Lobby hose storage cabinets are located every 10 floors.

#### 3.8 Sprinkler System

- a. The site is a mixed use commercial with residential components. The entire building is protected with a combination fire standpipe and sprinkler system.
- b. The building is a two (2) zone building. The automatic fire pump rated at 750 GPM and a jockey pump located in the fire pump room on the cellar level for Zone 1 and 750 GPM special service fire pump and jockey pump on the 34th floor supply the sprinkler system throughout the building.
- c. The sprinkler system was designed in accordance with the NYC Building Code and NFPA 13, 2007 Standards as amended and adopted by the City of New York. The building shall be fully sprinklered.
- d. The sprinkler system on each floor is connected to the 6-inch combined sprinkler/standpipe riser located in Stair A and Stair B. Each standpipe connection to the sprinkler system is via Floor Control Valve assemblies, (FCVA) which are located on each floor from alternating fire standpipes.
- e. The entire standpipe/ sprinkler system is electronically supervised with all alarm, supervisory and trouble signals being transmitted to the Fire Command Center.
- f. The sprinkler system was hydraulically designed, with pipe sizing and water supply
- g. Tamper switches are provided on all fire protection control valves.
- h. Automatic sprinklers will be provided throughout the building, except in Switchgear and Elevator Machine Rooms.
- i. Sprinkler protection is provided in the trash chute.
- 3.9 Emergency and Standby Power System



- a. The emergency / standby power system is compliant with NFPA-110 and is rated Class-24; Type-10; Level-1. The emergency / standby power system consists of:
  - 1. A 1000kW/1250kVA, 208/120volt diesel-engine emergency standby generator. The generator is located on the Subcellar level. The generator is UL-2200 listed for emergency applications.
  - 2. Five automatic transfer switches (ATS) located in 2-hour fire-resistance rated rooms or at the loads they serve. ATS equipment is compliant with NFPA-110. Individual ATS are as follows:
    - ATS-FP
      - a. Fire pump service B occupancy group only.
    - ATS-1: Emergency power:
      - a. Exit signage and means of egress illumination.
      - b. Fuel oil pumps
      - c. Generator accessories
      - d. Power and lighting for Fire Command Center
    - ATS-2 Standby power:
      - a. Elevators
      - b. Elevator cab lighting & power
      - c. Elevator machine room
      - d. Stair pressurization fans
    - ATS-3 Emergency power:
      - a. Fire alarm system and ARCs
    - ATS#4 -Optional standby power
      - a. Telephone and Security Systems' main equipment (MDF room)
      - b. Sewage ejectors
      - c. Sump pumps
    - ATS#5 -Optional standby power
      - a. Elevators PE-P-1, PE-P-2
      - b. Elevator cab lighting & power
      - c. Elevator machine room
  - 3. Generator remote annunciator and ATS remote controller with generator start and remote transfer features located in the fire command center.
  - 4. Fuel oil system consists of a 1000 gallon main tank located in the lowest floor, a 330 gallon sub-base tank integral to the generator located on Subcellar 2, and a fuel-oil transfer system with redundant pumps. The fuel oil system provides for 24 hours of run-time at generator full load.
- 3.10 Mechanical Ventilation and Air Conditioning
  - a. Mechanical Ventilation is provided for office floors (SC-2 through 18th) via an air-handling unit located on the 18th floor. The unit serves a duct riser with supply air outlets on each floor. Each supply grille at the rated shaft wall is equipped with a combination fire-smoke damper. Horizontal offsets of the outdoor air riser are routed within 2-hour fire rated enclosures. Mechanical ventilation for the Auditorium located at the SC-2 level is provided via a dedicated energy recovery ventilation unit. This unit is ducted to the setback roof at the 2nd floor.
  - b. Mechanical ventilation is provided for the 1st floor main lobby via a façade-mounted louver, which is ducted to the air-conditioning unit which serves the lobby. This duct is equipped with a combination fire-smoke damper.



- c. Mechanical ventilation for the residential floors (20th-32nd) is provided via a dedicated energy recovery ventilation unit located on the 33rd floor. This unit is ducted to local louvers located at the 33rd floor. This energy recovery unit also provides kitchen exhaust for these floors.
- d. Toilet exhaust for office floors (SC-2 through 18th) is routed via a central riser to a dedicated toilet exhaust fan at the 18th floor. Branch ductwork connections to the base building toilet exhaust riser are equipped with fire dampers.
- e. Toilet exhaust and refuse room exhaust for the residential floors (20th-32nd) is routed via central risers to a dedicated fans located at the Roof level. Branch ductwork connections to the toilet and refuse exhaust risers are equipped with code compliant subducts. Residential kitchen exhaust for these floors provided via a dedicated energy recovery ventilation unit located on the 33rd floor.
- f. The commercial kitchen on the 7th floor is exhausted on the 19th floor via a dedicated exhaust fan. An electrostatic precipitator is provided for this system to treat the air before it is exhausted from the sidewall louver on the 19th floor.
- g. Cellar utility spaces are exhausted via a dedicated exhaust fan located on the 2nd floor roof. The ductwork routing for these fans, as well as its branch ductwork connections, are equipped with fire dampers at all rated penetrations.
- h. The generator is provided with an exhaust fan located on the 2nd floor roof to provide cooling from the generator radiator. The makeup air duct for this exhaust is also located on the 2nd floor roof.
- i. The garage (located on floors Cellar, SC-1 and SC-2) is provided with an exhaust fan located on the 2nd floor roof. The duct connected to this system is also connected to an additional fan that is used for the post fire smoke purge system for floors Cellar, SC-1 and SC-2. The smoke purge fan is also located on the 2nd floor roof. Make up air for the garage is provided by a fan located on the SC-2 level which ducts up to the 2nd floor roof and terminates in a gooseneck.
- j. Building domestic water heating and space heating is provided by a central heating plant comprised of four (4) condensing boilers located on the 34th floor. The hot water system supplies fin tube radiators, fan powered boxes and cabinet heaters to provide heating to the office floors (SC-2 through 18th). The hot water system also provides hot water to treat outside air and these units are provided with freeze protection pumps to protect the units and piping.
- k. A central condenser water system is provided for building cooling loads. A cooling tower located at the roof level provides condenser water to water cooled DX units as well as a modular chiller located on level SC-1. The chiller provides chilled water to all of the building computer room air conditioning units and also the air handling unit on the 18th floor. The condenser water system is provided with emergency electrical power from the building generator to provide backup cooling the building computer room air conditioning
- I. Heating and air conditioning for the residential floors (20th-32nd) is provided from water cooled VRF (variable refrigerant flow) units located on each floor. The condensing units are provided with condenser water from the building condenser water plant and are able to provide either heating or cooling to each residential space. The condensing units are connected to fan coil units via insulated refrigerant piping.



August 15, 2024

## 3.11 Smoke Control Systems and Equipment.

- a. The building features four fire stairwells. Each stairwell is pressurized in accordance with the 2014 New York City Building Code via dedicated fans located on the 19th floor and 1st floor mezzanine.
- b. The passenger elevator hoistway is provided with a Smoke Guard Elevator Smoke Containment system in accordance with the 2014 New York City Building Code. This system has been filed and approved by the New York City Fire Department.
- c. Post-fire smoke purge for floors Cellar, SC-1 and SC-2 is provided from a fan located at the 2nd floor roof. Post-fire smoke purge for floors 1st-18th is provided from a fan located on the 18th Floor. Post-fire smoke purge for floors 20th-32nd is provided from a fan located on the 19th Floor. The post-fire smoke purge fans are capable of exhausting air at a rate of six (6) air changes per hour (ACH), based on the area and volume of the largest floor served.
- d. The post-fire smoke purge and stair pressurization systems are monitored and controlled by the fire command centers.

## 3.12 Furnishings types and materials

All public areas are furnished with non-combustible materials.

## 3.13 Places of Assembly

The building is provided with four places of assembly on the Subcellar 1 and Cellar level auditorium, the 6th floor west conference room, the 6th floor east conference room, and the 7th floor pre-function area of the commercial portion of building.

## 3.14 Fire Department access

Fire Department access is provided per Building Code section 501.3 as follows:

Fire command center access for residential portion of building is located at 1st floor residential lobby at 344 E46th Street, New York, NY 10017

Fire command center access for commercial portion of building is located at 1st floor commercial lobby at 821 1st Ave, New York, NY 10017

## 3.15 Photoluminescent pathway markings

Photoluminescent exit pathway markings are provided for Stair A, Stair B1, Stair B2, Stair C and Stair D. Photoluminescent nosing strip provided at Auditorium stair nosing.

3.16 Other safety related systems, required and voluntary, to be installed N/A

Name (print): SHAWN BASLER

Sign and Date: 08-15-2024





# FIRE PROTECTION PLANS

ADDRESS:

PROJECT: TURKEVI CENTER OCCUPANCY

821 FIRST AVENUE, MANHATTAN, NY 10017

GROUP: B, A-2, A-3, R-2, S-2

CONSTRUCTION CLASSIFICATION: 1A

BLOCK: 1338

LOAD:

SHEET#

LOT: 30, 31, 132 OCCUPANCY 1,787

STORIES: 35 STORIES

DOB JOB #: 121191138

SHEET NAME

HEIGHT: 561'

# **DRAWING LIST**

SHEET#	SHEET NAME
SHEEL#	

FPP-000	FIRE PROTECTION PLANS - TITLE SHEET
FPP-001	SITE PLAN - FIRE PROTECTION PLAN
FPP-098	SUBCELLAR 2 FLOOR - FIRE PROTECTION PLAN
FPP-099	SUBCELLAR 1 FLOOR - FIRE PROTECTION PLAN
FPP-100	CELLAR FLOOR - FIRE PROTECTION PLAN
FPP-101	1ST FLOOR - FIRE PROTECTION PLAN
FPP-102	2ND FLOOR - FIRE PROTECTION PLAN
FPP-103	3RD FLOOR - FIRE PROTECTION PLAN
FPP-104	4TH FLOOR - FIRE PROTECTION PLAN
FPP-105	5TH FLOOR - FIRE PROTECTION PLAN
FPP-106	6TH FLOOR - FIRE PROTECTION PLAN
FPP-107	7TH FLOOR - FIRE PROTECTION PLAN
FPP-107M	7TH FLOOR MEZZANINE - FIRE PROTECTION PLAN
FPP-108	8TH FLOOR - FIRE PROTECTION PLAN
FPP-109	9TH FLOOR - FIRE PROTECTION PLAN
FPP-110	10TH FLOOR - FIRE PROTECTION PLAN
FPP-111	11TH FLOOR - FIRE PROTECTION PLAN
FPP-112	12TH FLOOR - FIRE PROTECTION PLAN
FPP-113	13TH FLOOR - FIRE PROTECTION PLAN
FPP-114	14TH FLOOR - FIRE PROTECTION PLAN

FPP-115	15TH FLOOR - FIRE PROTECTION PLAN
FPP-116	16TH FLOOR - FIRE PROTECTION PLAN
FPP-117	17TH FLOOR - FIRE PROTECTION PLAN
FPP-118	18TH FLOOR - FIRE PROTECTION PLAN
FPP-118M	18TH TRANSFER FLOOR - FIRE PROTECTION PLAN
FPP-119	19TH FLOOR - FIRE PROTECTION PLAN
FPP-120	20TH FLOOR - FIRE PROTECTION PLAN
FPP-121	21ST FLOOR - FIRE PROTECTION PLAN
FPP-122	22ND FLOOR - FIRE PROTECTION PLAN
FPP-123	23RD FLOOR - FIRE PROTECTION PLAN
FPP-124	24TH FLOOR - FIRE PROTECTION PLAN
FPP-125	25TH FLOOR - FIRE PROTECTION PLAN
FPP-126	26TH FLOOR - FIRE PROTECTION PLAN
FPP-127	27TH FLOOR - FIRE PROTECTION PLAN
FPP-128	28TH FLOOR - FIRE PROTECTION PLAN
FPP-129	29TH FLOOR - FIRE PROTECTION PLAN
FPP-130	30TH FLOOR - FIRE PROTECTION PLAN
FPP-131	31ST FLOOR - FIRE PROTECTION PLAN
FPP-132	32ND FLOOR - FIRE PROTECTION PLAN
FPP-133	33RD FLOOR - FIRE PROTECTION PLAN
FPP-134	34TH FLOOR - FIRE PROTECTION PLAN
FPP-135	35TH FLOOR - FIRE PROTECTION PLAN
FPP-136	ELEVATOR MACHINE ROOM FLOOR - EL. 457' - FIRE PROTECTION PLAN
FPP-137	ROOF FLOOR - FIRE PROTECTION PLAN

	LEGEND							
NAME Occupancy LOAD		F #	FIRE STAND PIPE/ IDENTIFICATION # RISER CONTROL VALVE					
SM SM SM SM SC SC SC SC -111111.51.51.51.5	SMOKE PARTITION  SMOKE BARRIER  1 - HOUR FIRE BARRIER  1 1/2 HOUR FIRE BARRIER  2 - HOUR FIRE BARRIER	FHV FCVA TS FDC	FIRE HOSE VALVE FLOOR CONTROL VALVE ASSEMBLY TAMPER SWITCH FIRE DEPARTMENT CONNECTION					
-3 -3 -3 -3 - F2 -F2 -F2 -F2 -F3	3 - HOUR FIRE BARRIER 2 - HOUR FIRE WALL 3 - HOUR FIRE WALL	ws s sl	FIREWARDEN STATION  COMBINATION SPEAKERS/ STROBE LIGHT UNIT  STROBE LIGHT ONLY UNIT					
+	MAXIMUM TRAVEL DISTANCE FROM FURTHEST POINT DIRECTION OF TRAVEL WITH ACCUMULATED OCCUPANCY LOAD	R R DR PKS	SMOKE GUARD RELAY DOOR RELEASE PURGE KEY SWITCH					
	EXIT SIGN (SINGLE SIDED, DOUBLE SIDED, W/ DIRECTIONAL ARROW, WALL MOUNTED)  ROOF ACCESS	FCS F WF	FIRE COMMAND STATION  MANUAL PULL STATION  WATER FLOW SWITCH					
FEW FHC	FIRE EXTINGUISHER AND CABINET  FIRE EXTINGUISHER AND WALL MOUNTING BRACKET  FIRE HOSE RACK/ CABINET	TS SAE	TAMPER SWITCH  FIRE SERVICE ACCESS ELEVATOR  FIRE SERVICE ACCESS ELEVATOR					
1110	THE HOOL IN ON ONDINE	ERS	ELEVATOR RECALL SWITCH (PHASE I)					

PROJECT: TURKEVI CENTER

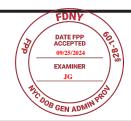
Perkins Eastman

115 FIFTH AVENUE
NEW YORK, NY 10003
T. 212.353.7200
F. 212.353.7676

DRAWING TITLE: FIRE PROTECTION PLANS - TITLE SHEET

08/15/2024 DATE:





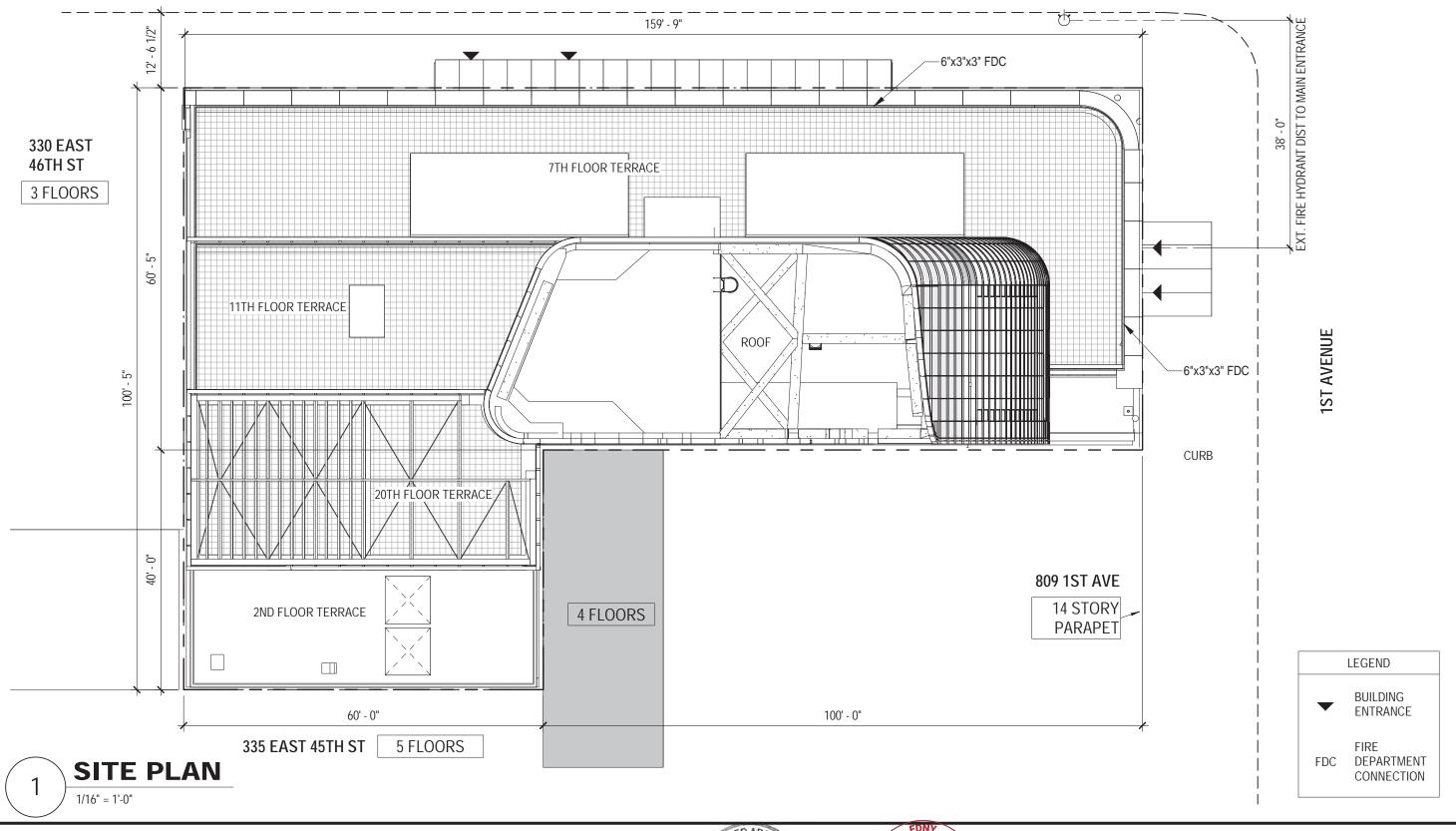
ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO. 56311.00

> SCALE: 1/16" = 1'-0"

**FPP-000** DWG. NO.:

## **EAST 46TH STREET**



Perkins Eastman

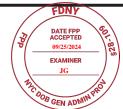
115 FIFTH AVENUE
NEW YORK, NY 10003
T. 212.353.7200
F. 212.353.7676

PROJECT: TURKEVI CENTER

DRAWING TITLE: SITE PLAN - FIRE PROTECTION PLAN

DATE: 08/15/2024



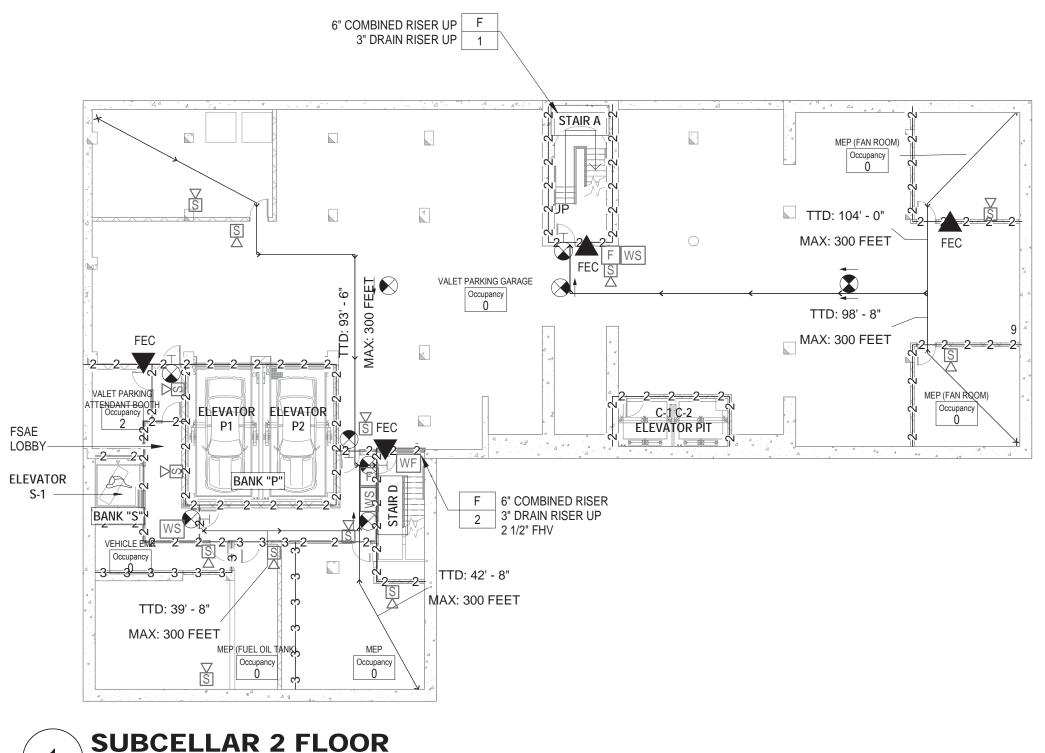


ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

56311.00 PROJECT NO.

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

**FPP-001** DWG. NO.:



OCC. LOAD CALCULATIONS - SUBCELLAR 2								
ROOM OCCUPANCY								
			AREA PER   CALC.   NET/GR					
#	NAME	AREA	USE OCC. OCC. OSS					

SB2-3	MEP (FAN ROOM)	308 SF	S-2	0 SF		Gross
SB2-2	MEP (FAN ROOM)	348 SF	S-2	0 SF		Gross
SB2-1	VALET PARKING GARAGE	7,122 SF	S-1	0 SF		Gross
SB2-5	VALET PARKING ATTENDANT BOOTH	136 SF	В	100 SF	2	Gross
SB2-6	VEHICLE EMR	141 SF	S-2	0 SF		Gross
SB2-7	MEP (FUEL OIL TANK)	702 SF	S-1	0 SF		Gross
SB2-8	MEP	478 SF	S-1	0 SF		Gross

9,236

2

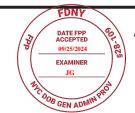
1/16" = 1'-0"

PROJECT: TURKEVI CENTER

DRAWING TITLE: SUBCELLAR 2 FLOOR - FIRE PROTECTION PLAN

DATE:





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO.

56311.00

SCALE:

DWG. NO.:

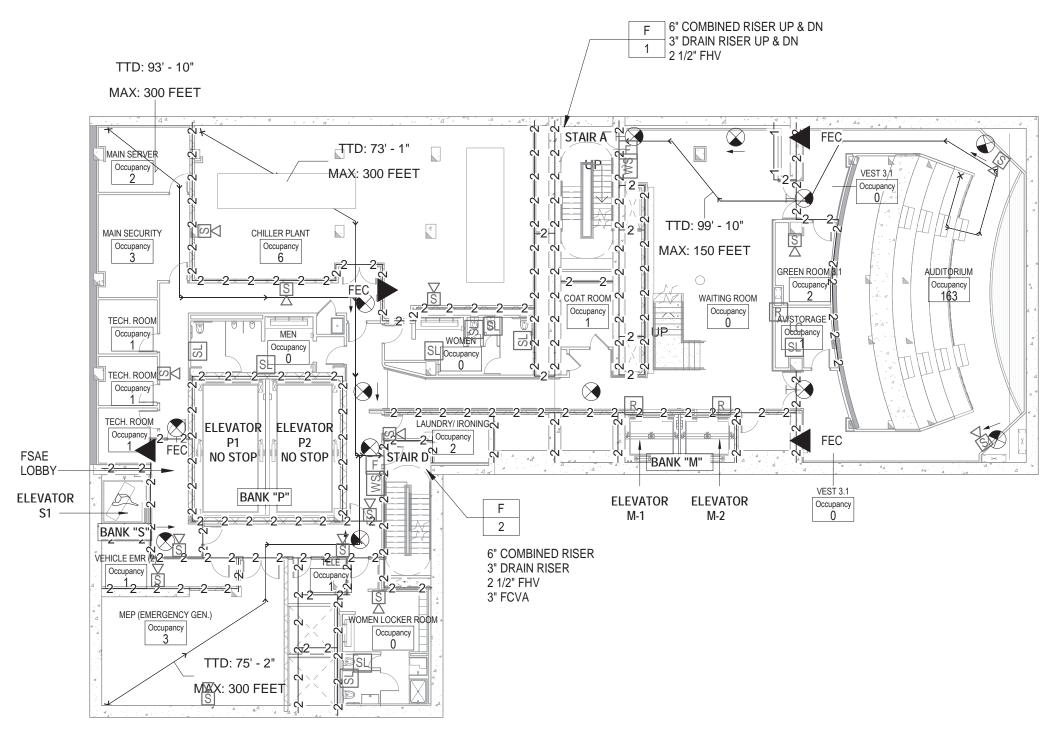
**FPP-098** 

1/16" = 1'-0"

Perkins Eastman

115 FIFTH AVENUE
NEW YORK, NY 10003
T. 212.353.7200
F. 212.353.7676

08/15/2024



OCC. LOAD CALCULATIONS - SUBCELLAR 1 **ROOM OCCUPANCY** AREA PER CALC. NET/ OCC. OCC. **GROSS** NAME AREA USE

## SUBCELLAR 1 FLOOR

CODOL						
SB1-5	TECH. ROOM	81 SF	S-1	300 SF	1	Gross
SB1-21	STORAGE	23 SF	S-1	300 SF	1	Gross
SB1-19	GREEN ROOM 3.1	158 SF	S-2	300 SF	2	Gross
SB1-22	WAITING ROOM	954 SF	NS			
SB1-1	CHILLER PLANT	1,604 SF	S-1	300 SF	6	Gross
SB1-2	MAIN SERVER	179 SF	S-1	300 SF	2	Gross
SB1-3	MAIN SECURITY	247 SF	В	100 SF	3	Gross
SB1-4	TECH. ROOM	88 SF	S-1	300 SF	1	Gross
SB1-6	TECH. ROOM	84 SF	S-1	300 SF	1	Gross
SB1-7	VEHICLE EMR (2)	142 SF	S-1	300 SF	1	Gross
SB1-8	MEP (EMERGENCY GEN.)	718 SF	S-1	300 SF	3	Gross
SB1-9	WOMEN LOCKER ROOM	342 SF	NS	0 SF		Gross
SB1-10	TELE	46 SF	S-1	300 SF	1	Gross
SB1-11	LAUNDRY/ IRONING	122 SF	S-2	300 SF	1	Gross
SB1-23	COAT ROOM	96 SF	S-2	300 SF	1	Gross
SB1-18	AV/STORAGE	117 SF	S-1	300 SF	1	Gross
SB1-24	AUDITORIUM	1,211 SF	A-1	0 SF	66	# of seats = occupancy
SB1-20	VEST 3.1	120 SF		0 SF		Gross
SB1-17	VEST 3.1	125 SF		0 SF		Gross
SB1-13	WOMEN	266 SF	NS			Gross
SB1-12	MEN	245 SF	NS			Gross

6,967 SF

91

ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017 PROJECT NO. 56311.00

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

**FPP-099** DWG. NO.:

# **SUBCELLAR 1 FLOOR**

1/16" = 1'-0"

Perkins Eastman

115 FIFTH AVENUE NEW YORK, NY 10003 T. 212.353.7200 F. 212.353.7676

PROJECT: TURKEVI CENTER

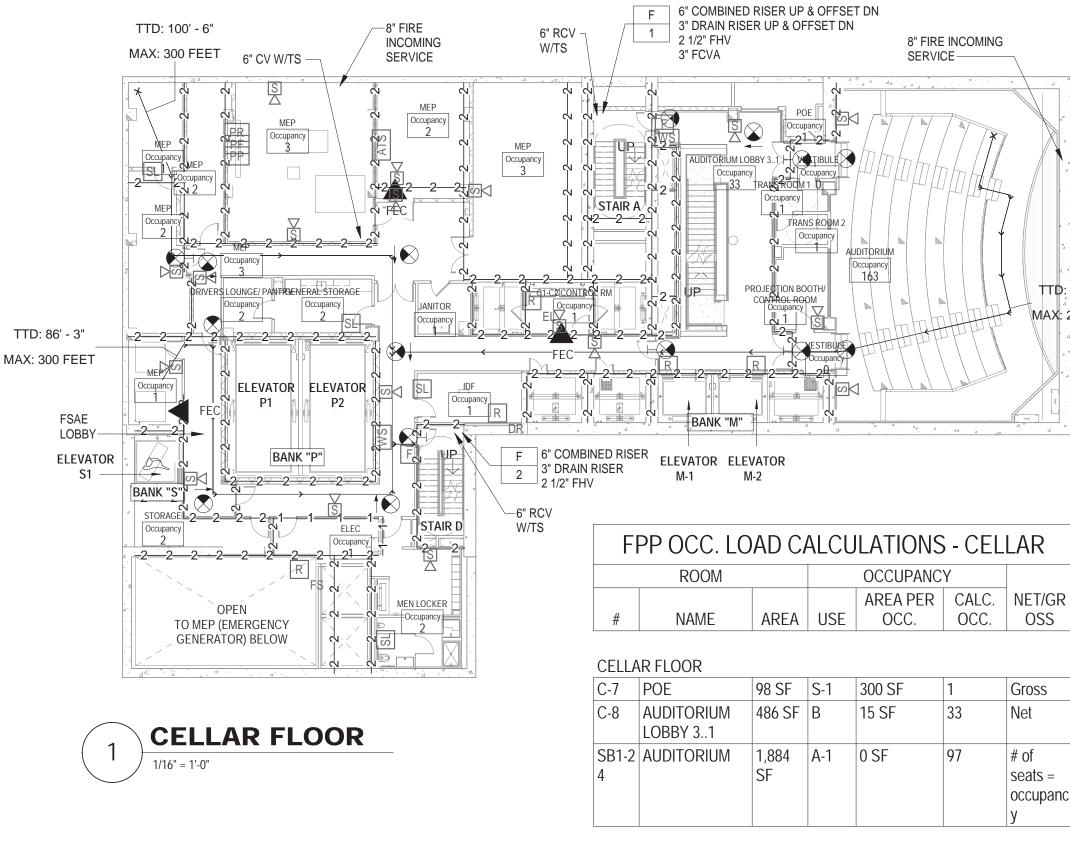
DRAWING TITLE: SUBCELLAR 1 FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024





DATE FPP ACCEPTED



1	PP OCC. LO	AD CI	ALCC	LATIONS	- CLL	LAK
	ROOM			OCCUPANO	Υ	
#	NAME	AREA	USE	AREA PER OCC.	CALC. OCC.	NET/GR OSS
C-25	MEP	256 SF	S-1	300 SF	2	Gross
C-11	DRIVERS LOUNGE/ PANTRY	81 SF	В	100 SF	2	Gross
C-3 '' - 4" FEET	PROJECTION BOOTH/ CONTROL ROOM	139 SF	S-2	300 SF	1	Gross
C-6	VESTIBULE	61 SF		0 SF		Gross
C-1	VESTIBULE	65 SF		0 SF		Gross
C-5	TRANS ROOM 1	53 SF	S-1	300 SF	1	Gross
C-4	TRANS ROOM 2	49 SF	S-1	300 SF	1	Gross
C-15	MEN LOCKER	352 SF	NS	300 SF	2	Gross
C-16	ELEC	114 SF	S-1	300 SF	1	Gross
C-13	STORAGE	178 SF	S-1	300 SF	2	Gross
C-12	MEP	146 SF	S-1	300 SF	1	Gross
C-29	MEP	247 SF	S-1	300 SF	2	Gross
C-28	MEP	156 SF	S-1	300 SF	2	Gross
C-27	MEP	182 SF	S-1	300 SF	2	Gross
C-26	MEP	666 SF	S-1	300 SF	3	Gross
C-24	MEP	570 SF	S-1	300 SF	3	Gross
C-18	C1-C2 CONTROL RM	102 SF	S-1	300 SF	1	Gross
C-10	JANITOR	80 SF	S-2	300 SF	1	Gross
C-17	IDF	152 SF	S-1	300 SF	1	Gross
C-14	GENERAL STORAGE	166 SF	S-1	300 SF	2	Gross

6,744 164 SF

300 SF

460 SF | S-1

PROJECT:

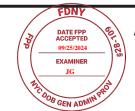
TURKEVI CENTER

DRAWING TITLE: CELLAR FLOOR - FIRE PROTECTION PLAN

DATE:

08/15/2024





C-9

MEP

ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO.

56311.00

1/16" = 1'-0"

Gross

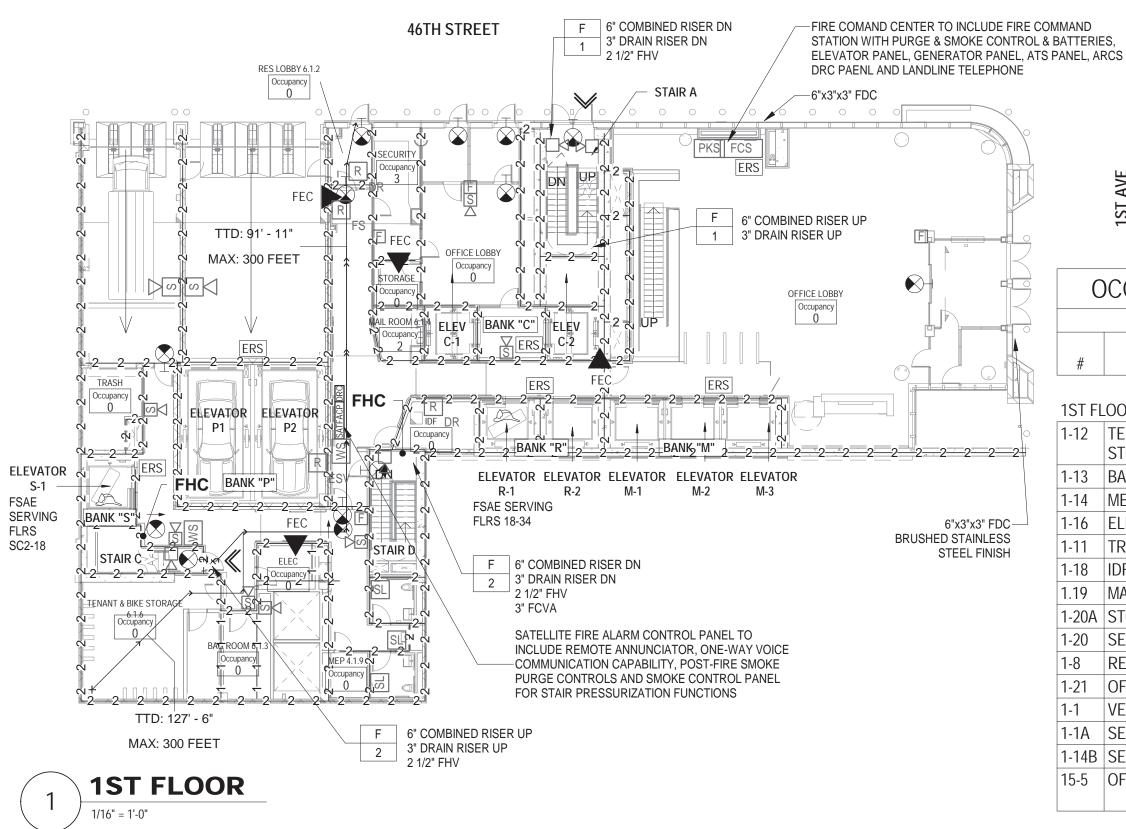
DWG. NO.:

SCALE:

**FPP-100** 

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F. 212.353.7676



ST AVE

#### OCC. LOAD CALCULATIONS - 1ST FLOOR **ROOM OCCUPANCY** AREA PER | CALC. | NET/GR NAME AREA USE OCC. OCC. OSS

## 1ST FLOOR

1-12	TENANT & BIKE STORAGE 6.1.6	483 SF	NS			Gross
1-13	BAG ROOM 6.1.3	87 SF	NS			Gross
1-14	MEP 4.1.9	287 SF	NS			Gross
1-16	ELEC	74 SF	NS			Gross
1-11	TRASH	96 SF	NS			Gross
1-18	IDF	106 SF	NS			Gross
1.19	MAIL ROOM 6.1.4	73 SF	S-2	100 SF	2	Gross
1-20A	STORAGE	60 SF	NS			Gross
1-20	SECURITY	177 SF	В	100 SF	3	Gross
1-8	RES LOBBY 6.1.2	71 SF	R-2			Gross
1-21	OFFICE LOBBY	595 SF	В			Gross
1-1	VESTIBULE	219 SF	NS	0 SF		Gross
1-1A	SECURITY 1.1.4	72 SF	В	100 SF	2	Gross
1-14B	SECURITY HOLD	50 SF	NS	0 SF		Gross
15-5	OFFICE LOBBY	2,416 SF	В			Gross
		1 867				

4,867

PROJECT: TURKEVI CENTER

DRAWING TITLE: 1ST FLOOR - FIRE PROTECTION PLAN

DATE:

CRED ARCA



SF

PROJECT NO. SCALE:

1/16" = 1'-0"

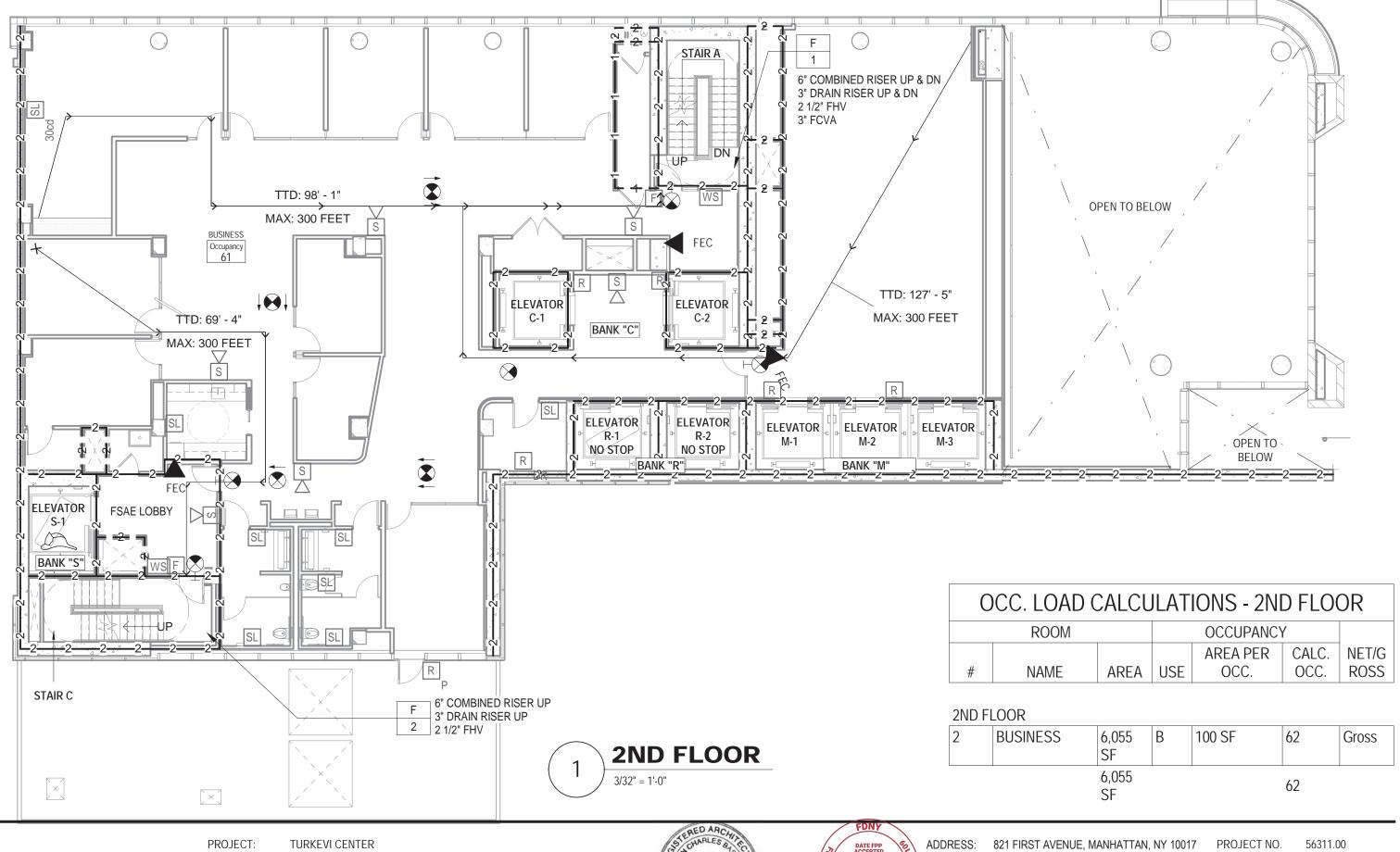
56311.00

**FPP-101** DWG. NO.:

Perkins Eastman

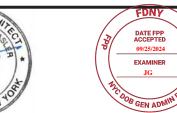
115 FIFTH AVENUE NEW YORK, NY 10003 T. 212.353.7200 F. 212.353.7676

08/15/2024



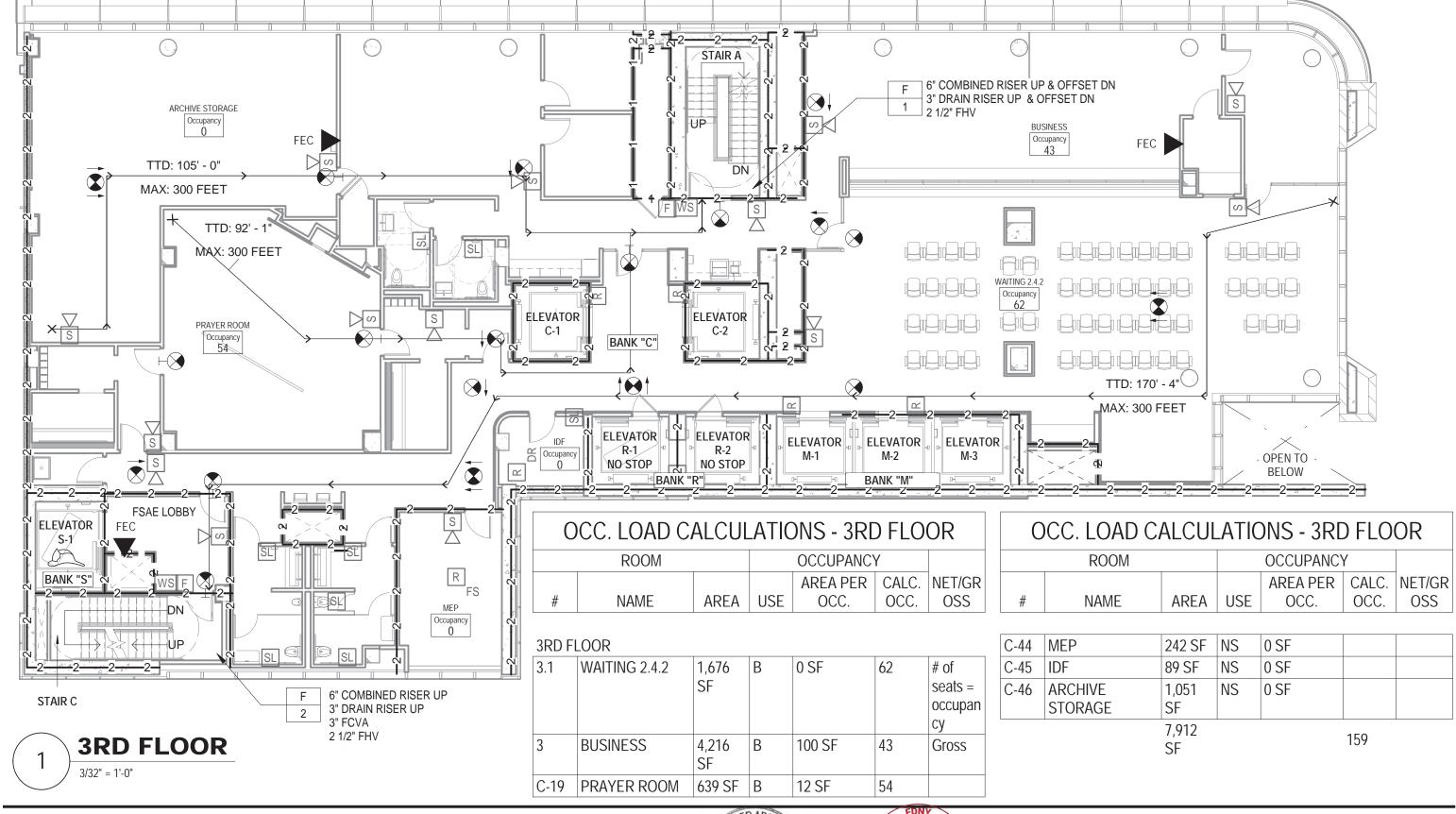
DRAWING TITLE: 2ND FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024



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

**FPP-102** DWG. NO.:



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PROJECT: TURKEVI CENTER

DRAWING TITLE: 3RD FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024



ADDRESS:

821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO.

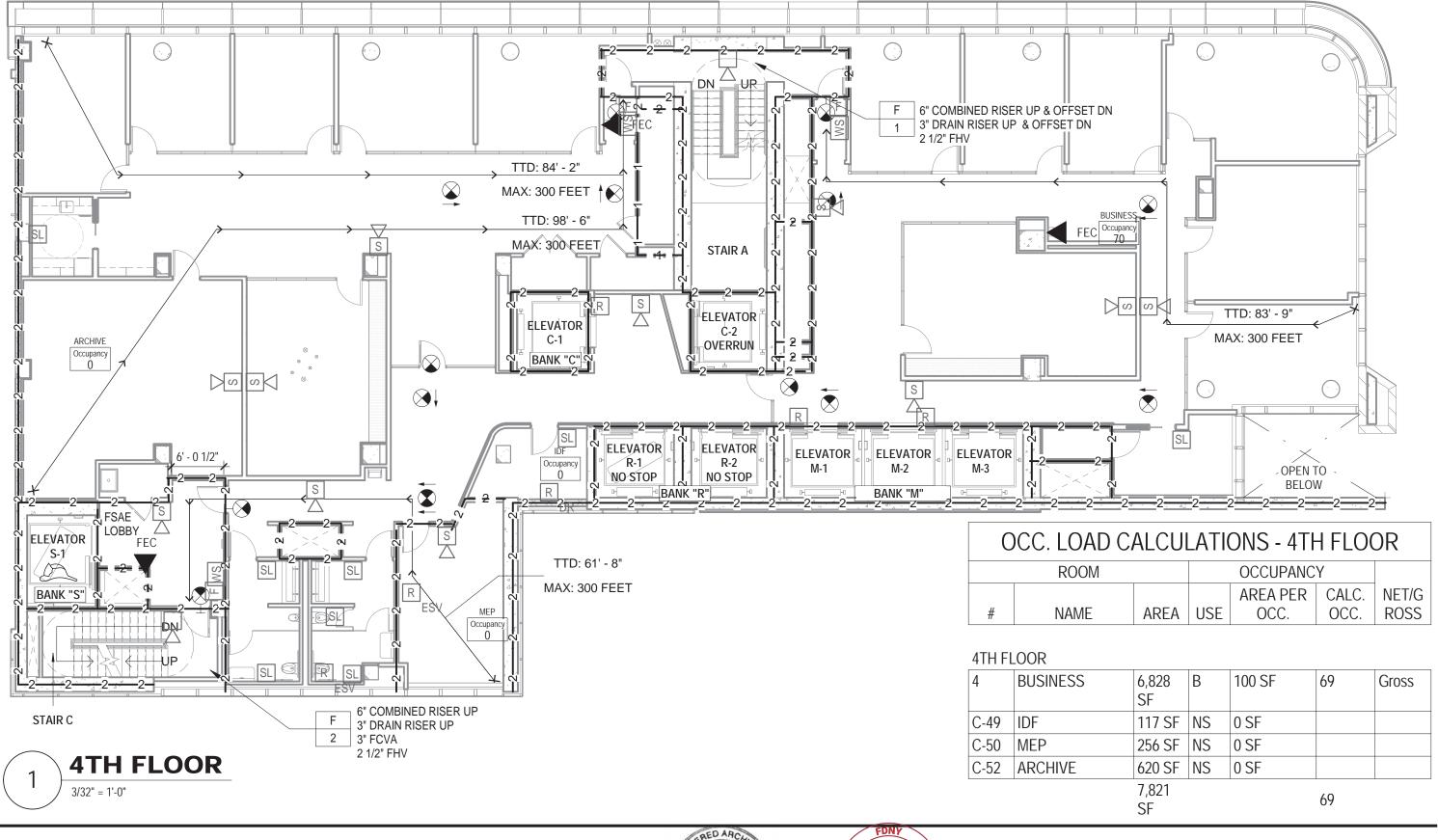
SCALE:

56311.00

3/32" = 1'-0"

DWG. NO.:

**FPP-103** 

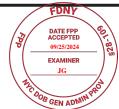


PROJECT: TURKEVI CENTER

DRAWING TITLE: 4TH FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

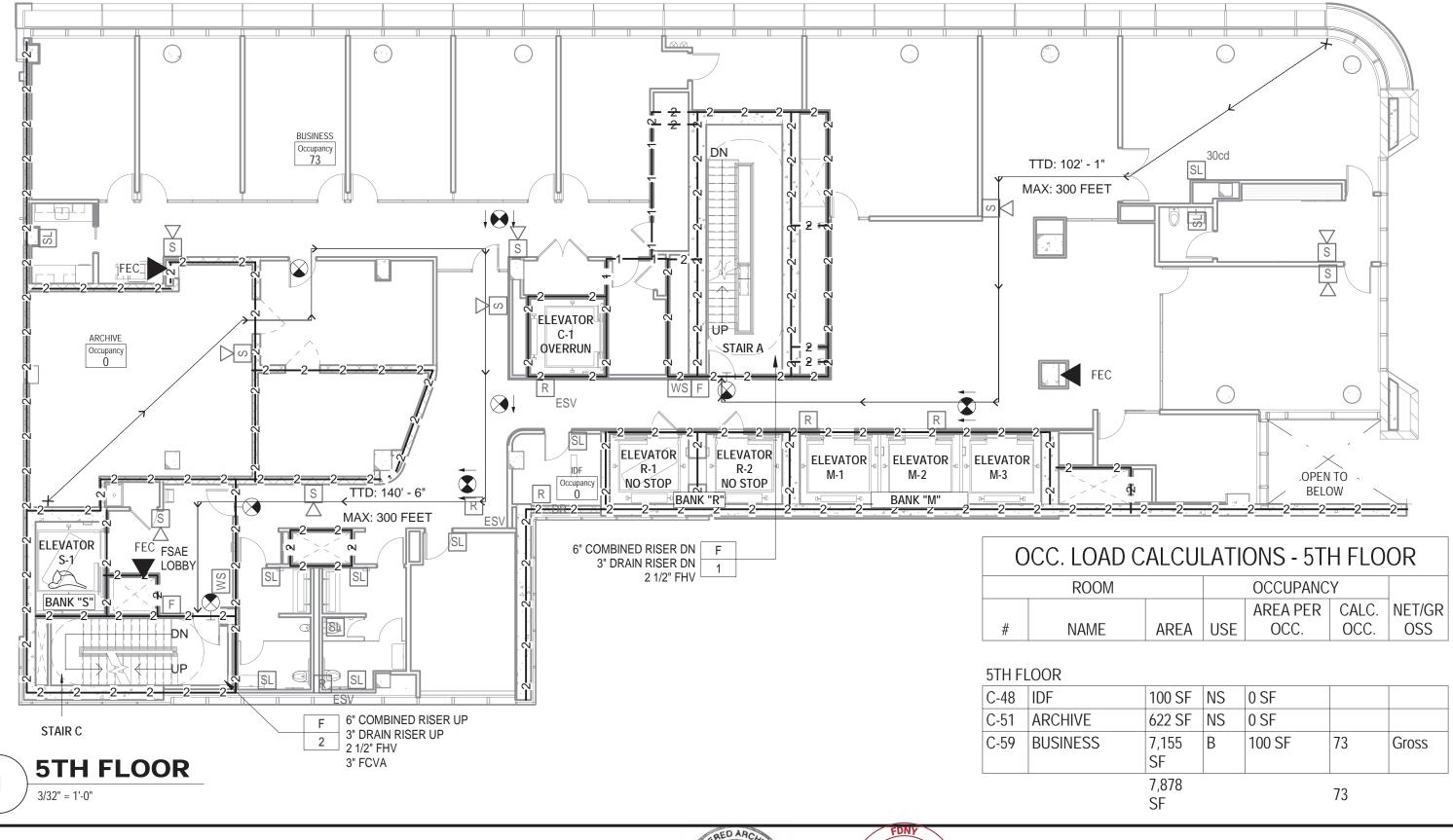
PROJECT NO.

56311.00

SCALE:

3/32" = 1'-0"

**FPP-104** DWG. NO.:

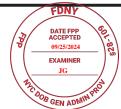


PROJECT: TURKEVI CENTER

DRAWING TITLE: 5TH FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

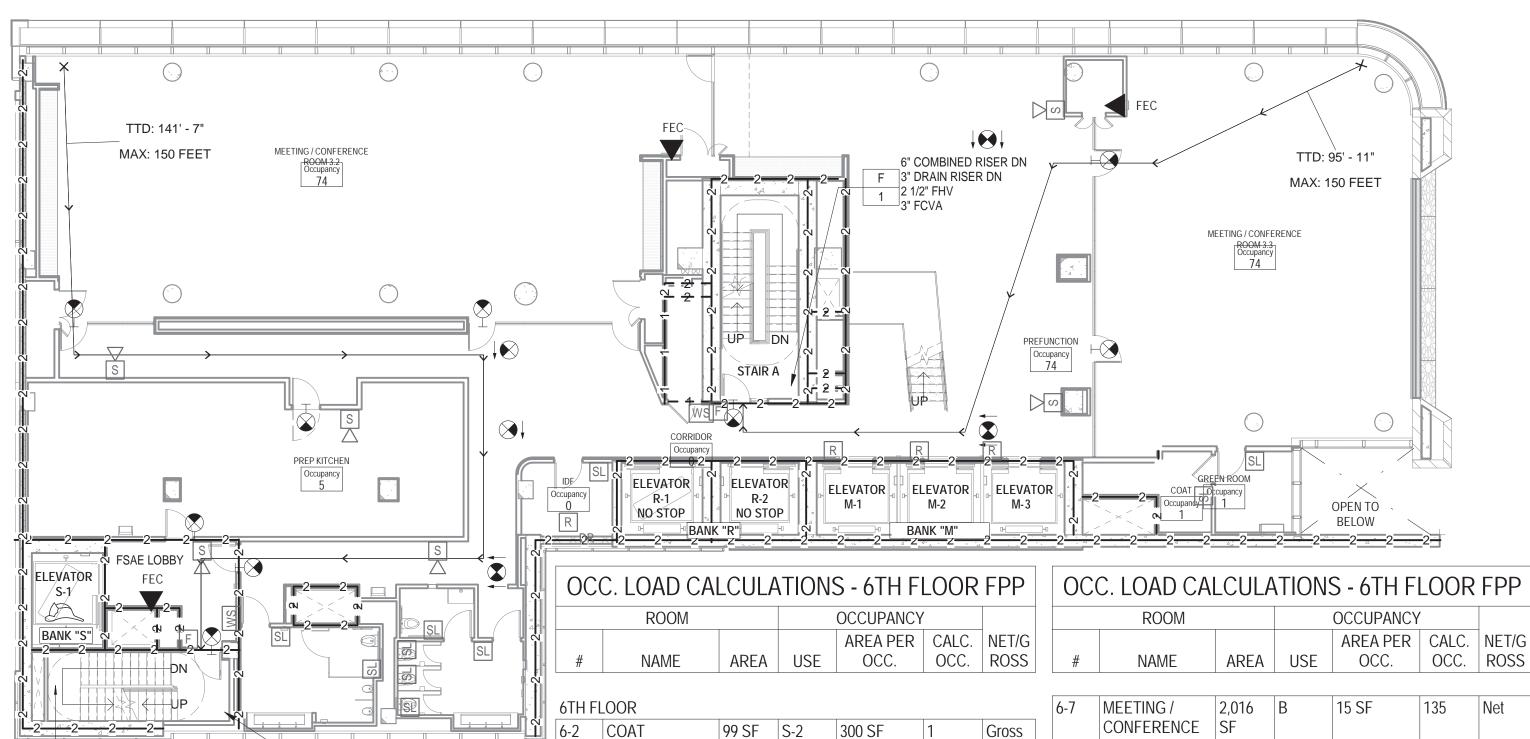
PROJECT NO.

56311.00

SCALE:

3/32" = 1'-0"

**FPP-105** DWG. NO.:



#### 300 SF **GREEN ROOM** S-2 6-3 87 SF Gross PREP KITCHEN 849 SF B 200 SF 6-10 Gross 6-14 IDF 97 SF NS 0 SF MEETING / 1,521 15 SF 6-4 102 Net SF CONFERENCE **ROOM 3.3**

6-7	MEETING / CONFERENCE ROOM 3.2	2,016 SF	В	15 SF	135	Net
C-20	CORRIDOR	1,892 SF	NS	0 SF		
C-47	PREFUNCTION	1,119 SF	В	0 SF		
		7,679 SE			244	

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3/32" = 1'-0"

**6TH FLOOR** 

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STAIR C

PROJECT: TURKEVI CENTER

2

DRAWING TITLE: 6TH FLOOR - FIRE PROTECTION PLAN

6" COMBINED RISER UP

3" DRAIN RISER UP

2 1/2" FHV

DATE: 08/15/2024



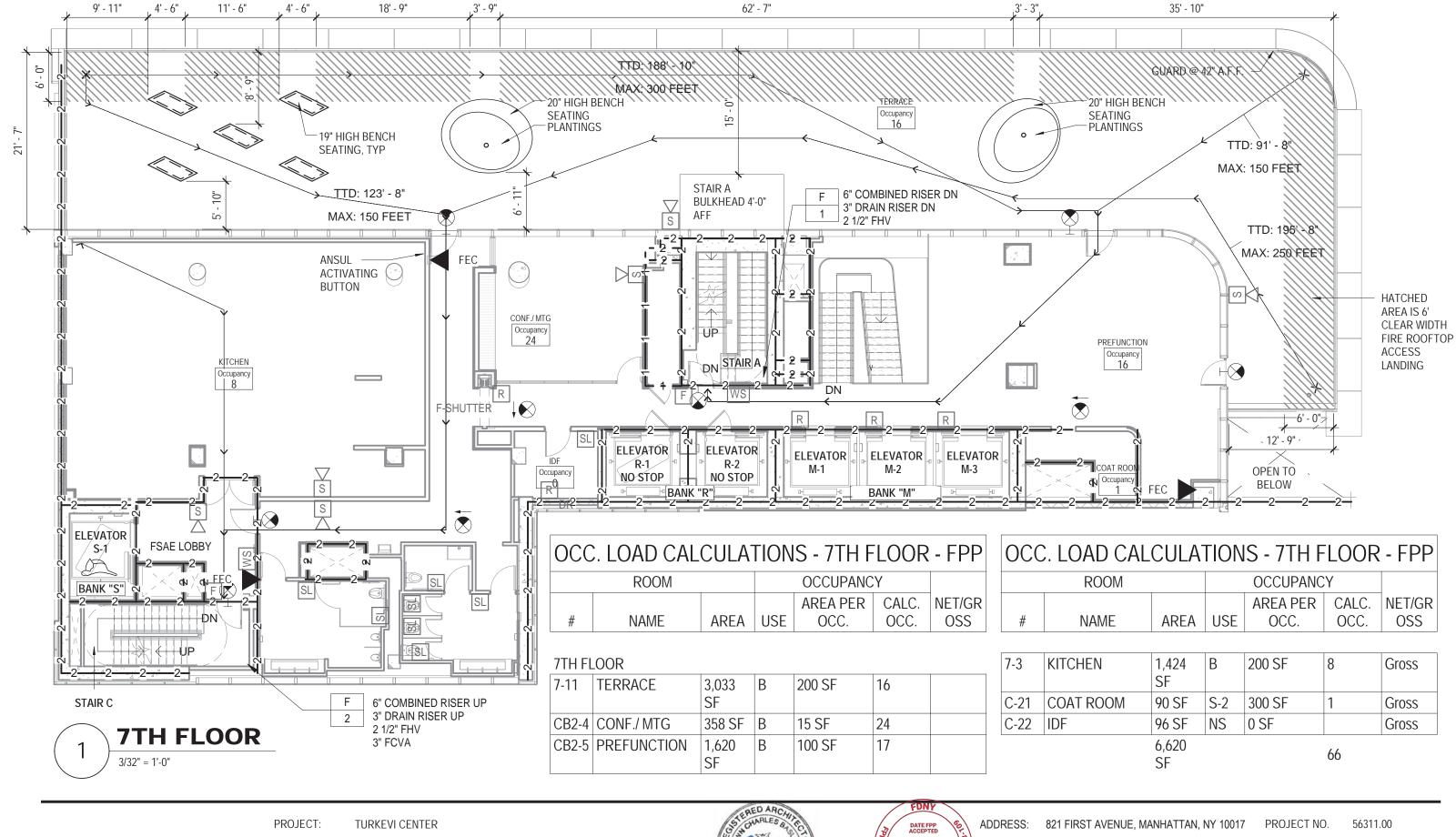


PROJECT NO. 56311.00



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

DWG. NO.: **FPP-106** 



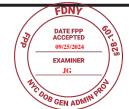
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DRAWING TITLE: 7TH FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024

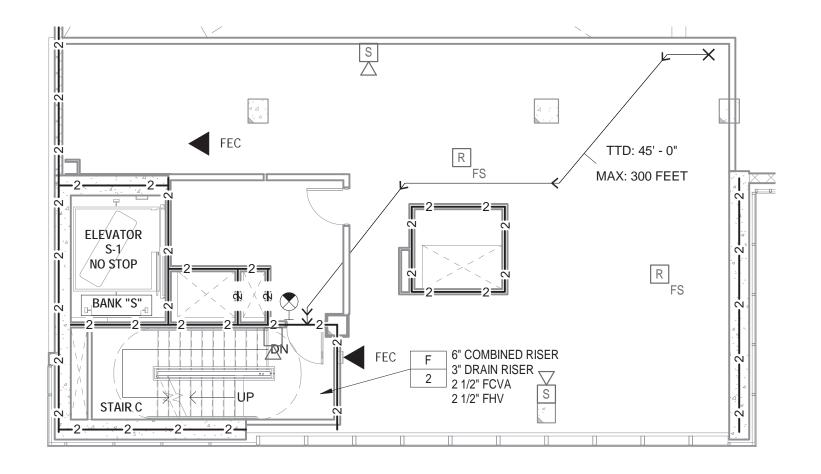




SCALE:

3/32" = 1'-0"

**FPP-107** DWG. NO.:





OC	OCC. LOAD CALCULATIONS - 7TH MEZZ FLOOR							
	ROOM			OCCUPANO	Υ			
#	NAME	AREA	USE	AREA PER OCC.	CALC. OCC.	NET/GR OSS		

TURKEVI CENTER

DRAWING TITLE: 7TH FLOOR MEZZANINE - FIRE PROTECTION PLAN

DATE:

PROJECT:

08/15/2024





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO.

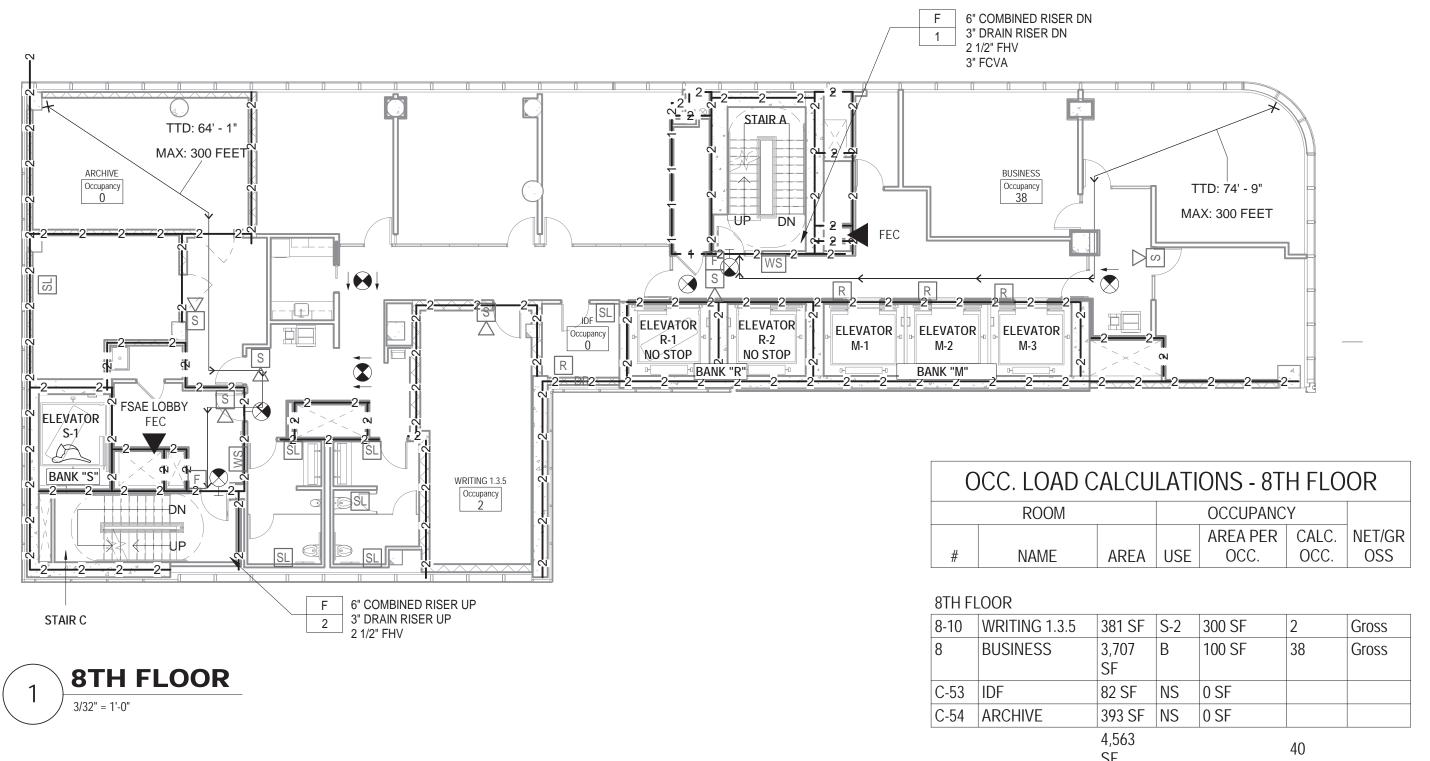
56311.00

SCALE:

1/8" = 1'-0"

**FPP-107M** 

DWG. NO.:



PROJECT: TURKEVI CENTER

DRAWING TITLE: 8TH FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024





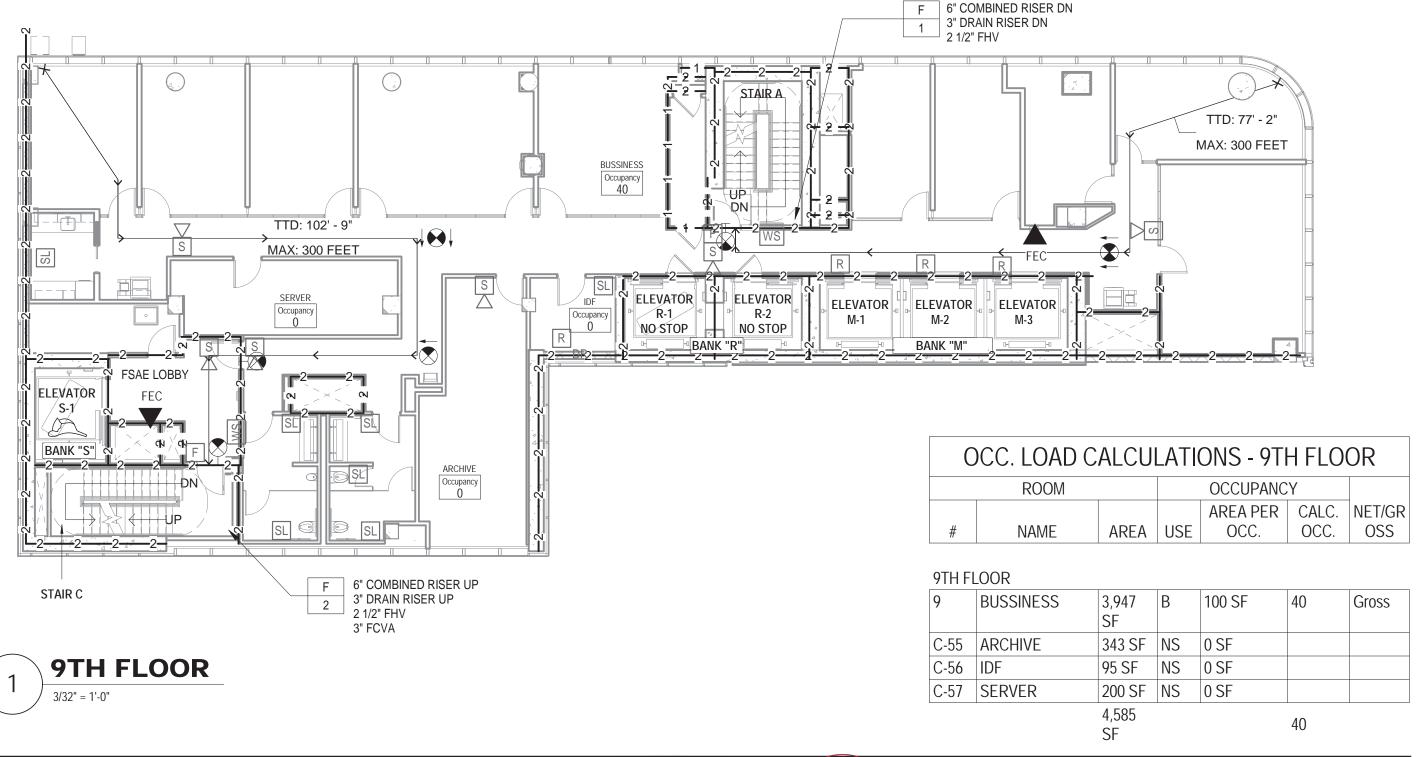
ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO.

56311.00

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

**FPP-108** DWG. NO.:

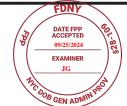


PROJECT: TURKEVI CENTER

DRAWING TITLE: 9TH FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024



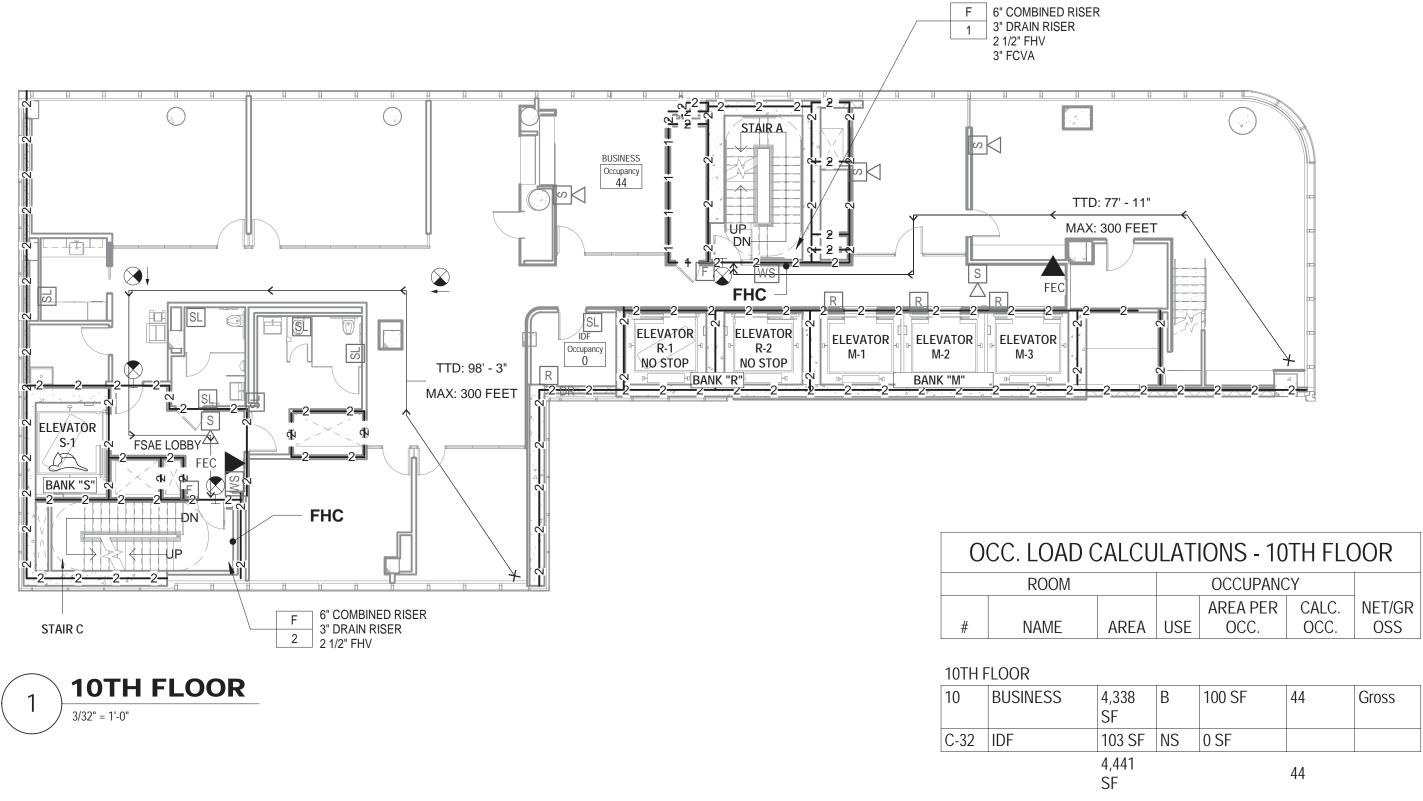


ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO. 56311.00

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

**FPP-109** DWG. NO.:

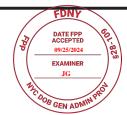


PROJECT: TURKEVI CENTER

DRAWING TITLE: 10TH FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024





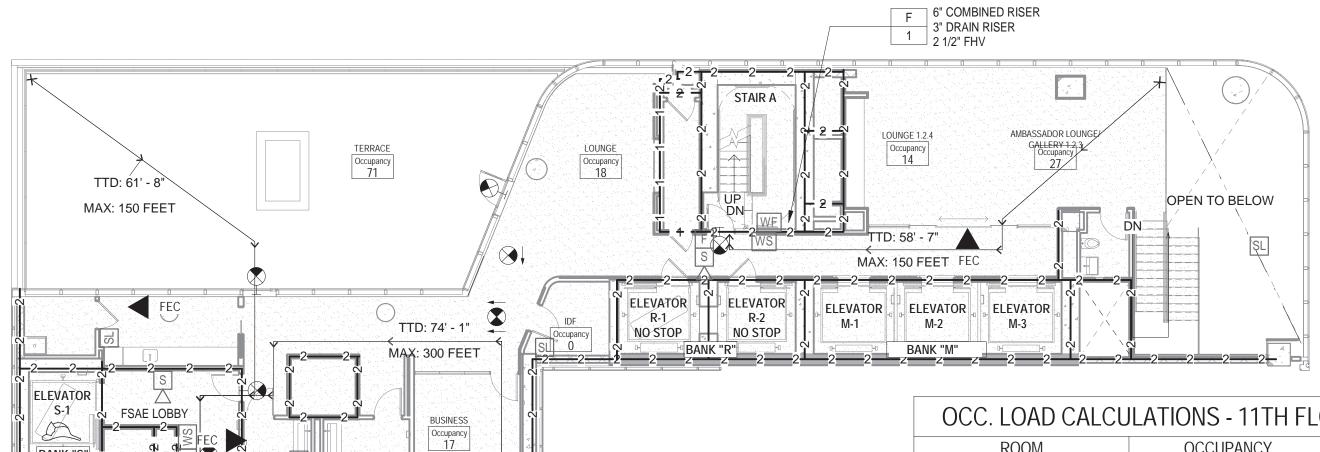
ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO.

56311.00

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

**FPP-110** DWG. NO.:



11TH FLOOR 3/32" = 1'-0"

BANK "S'

STAIR C

#### OCC. LOAD CALCULATIONS - 11TH FLOOR **ROOM** OCCUPANCY NET/GR AREA PER CALC. AREA USE OCC. OCC. OSS NAME

## 11TH FLOOR

1103	TERRACE	1,053 SF	A-3	15 SF	71	Net
11-2	AMBASSADOR LOUNGE/ GALLERY 1.2.3	393 SF	В	15 SF	27	Net
11-10	BUSINESS	1,617 SF	В	100 SF	17	Gross
11-3	LOUNGE 1.2.4	220 SF	В	15 SF	16	Net
11-6	LOUNGE	249 SF	В	15 SF	18	Net
C-58	IDF	81 SF	NS	0 SF		Gross
		2 / 12				

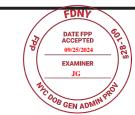
3,612

PROJECT: TURKEVI CENTER

DRAWING TITLE: 11TH FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

SF

PROJECT NO.

SCALE:

56311.00

3/32" = 1'-0"

FPP-111 DWG. NO.:

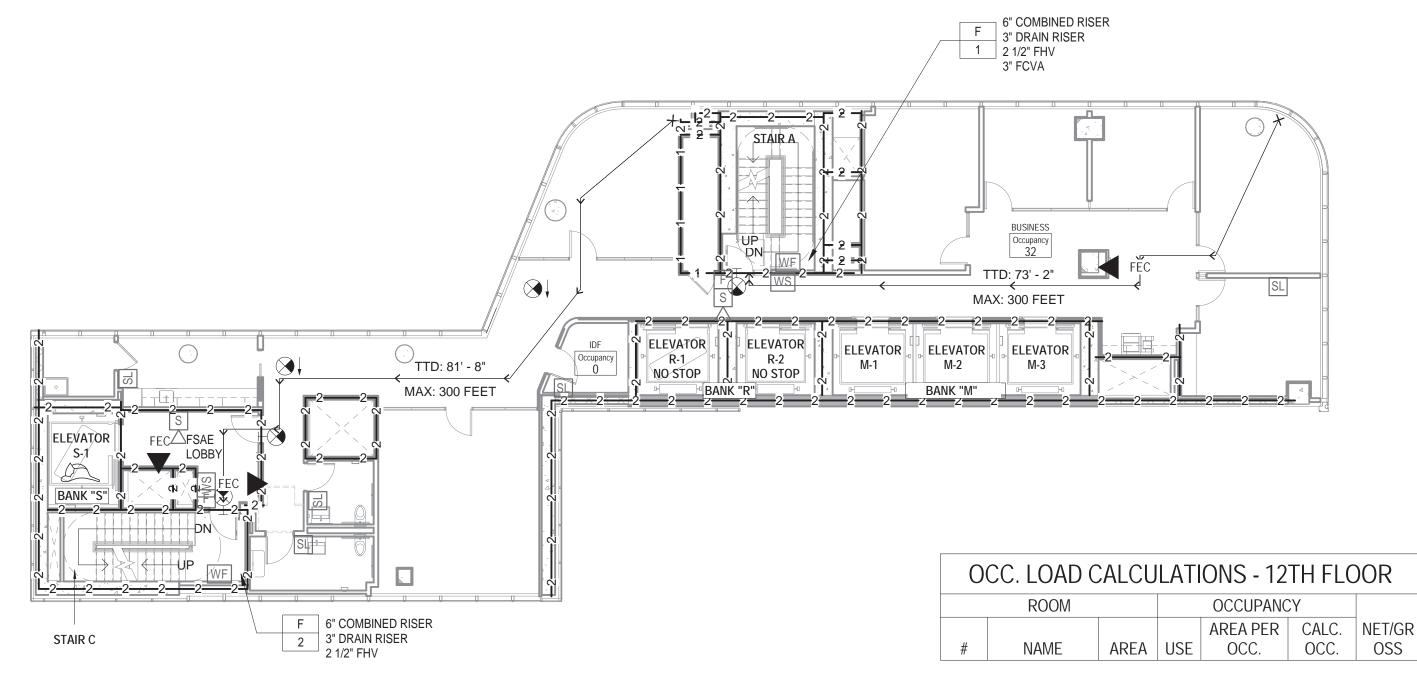
149

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6" COMBINED RISER

3" DRAIN RISER 2 1/2" FHV 3" FCVA





12TH FLOOR

12	BUSINESS	3,125 SF	В	100 SF	32	Gross
C-60	IDF	72 SF	NS	0 SF		Gross
		3,197 SE			32	

SF

PROJECT NO.

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TURKEVI CENTER PROJECT:

DRAWING TITLE: 12TH FLOOR - FIRE PROTECTION PLAN

DATE:

08/15/2024





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

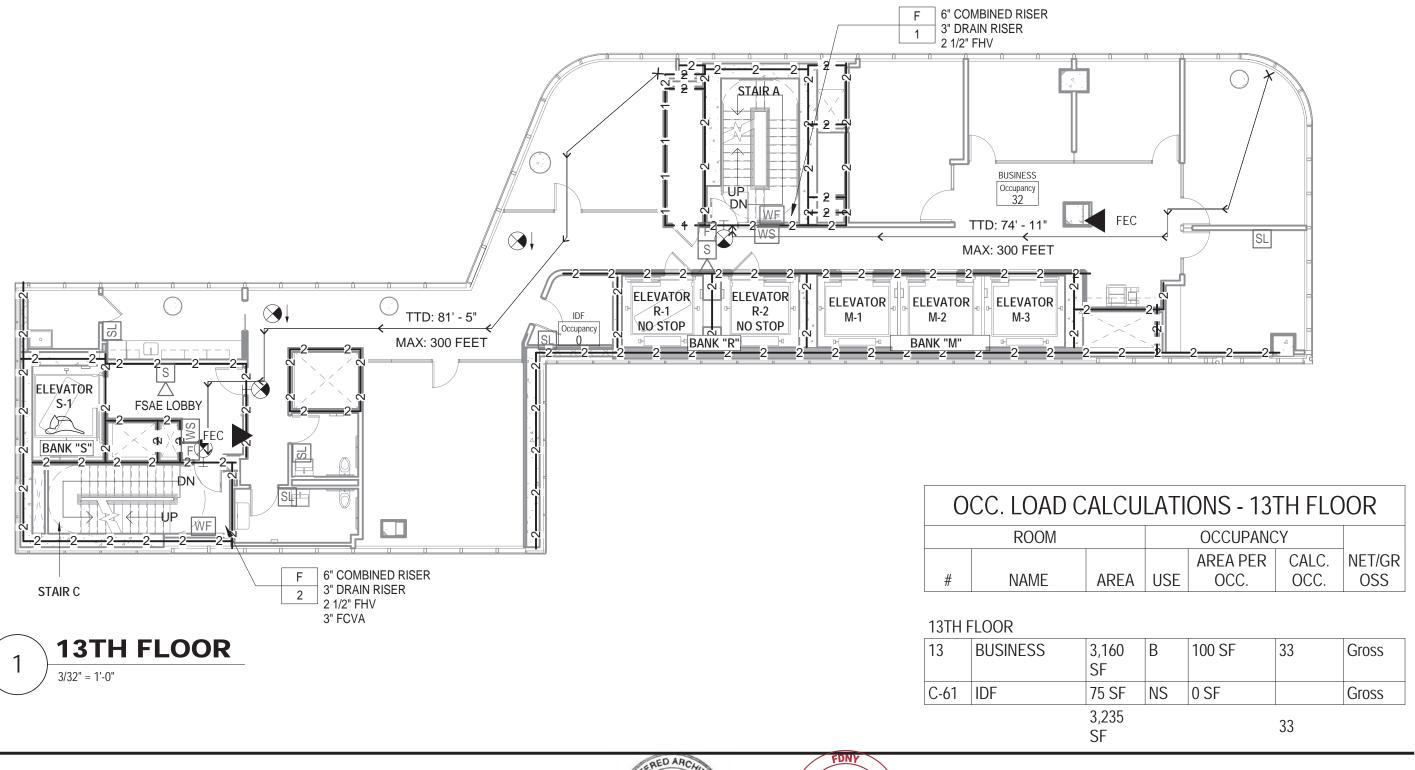
SCALE:

3/32" = 1'-0"

56311.00

DWG. NO.:

FPP-112



PROJECT: TURKEVI CENTER

DRAWING TITLE: 13TH FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024



ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

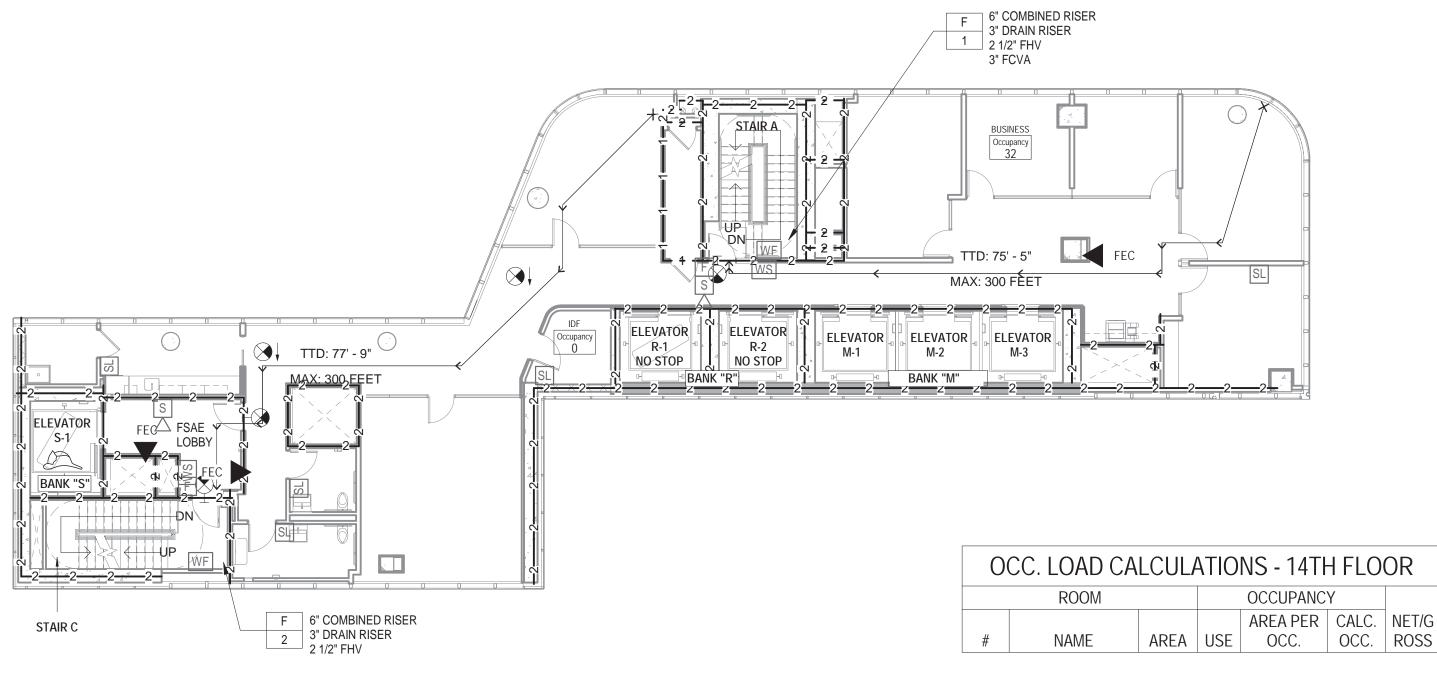
PROJECT NO.



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

**FPP-113** DWG. NO.:

56311.00





14TH FLOOR

ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

14	BUSINESS	3,155 SF	В	100 SF	33	Gross
C-62	IDF	79 SF	NS	0 SF		Gross
		3,234 SF			33	·

PROJECT NO.

56311.00

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

**FPP-114** DWG. NO.:

TURKEVI CENTER PROJECT:

DRAWING TITLE: 14TH FLOOR - FIRE PROTECTION PLAN

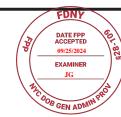
DATE:

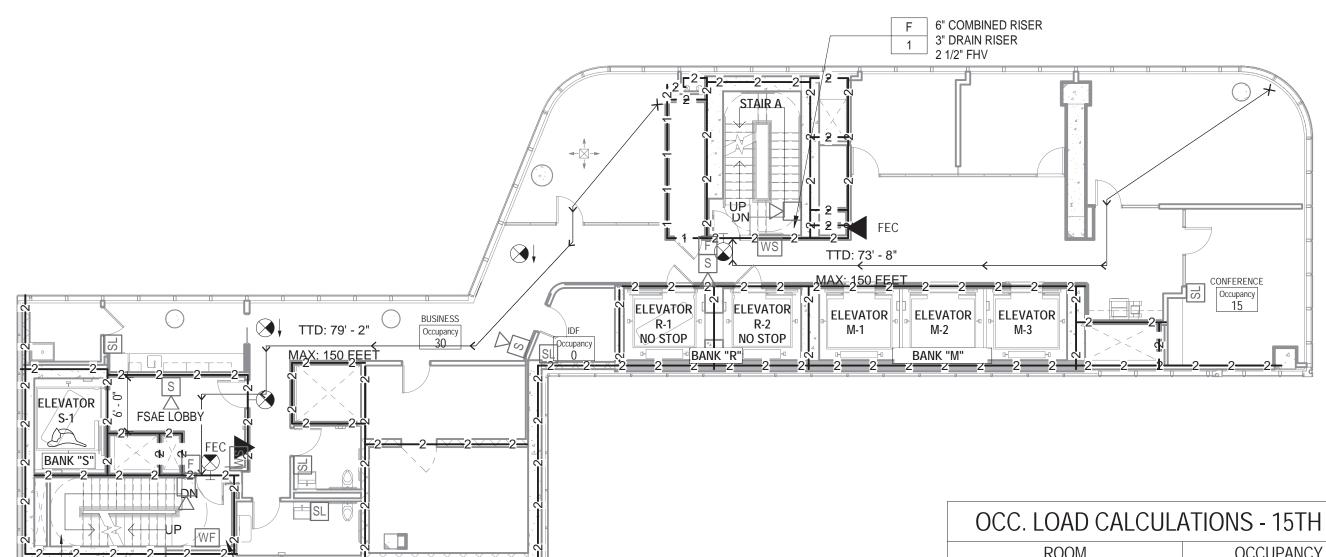
08/15/2024

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STAIR C

0	OCC. LOAD CALCULATIONS - 15TH FLOOR							
	ROOM			OCCUPANC	Υ			
				AREA PER	CALC.	NET/G		
#	NAME	AREA	USE	OCC.	OCC.	ROSS		

## 15TH FLOOR

15-2	CONFERENCE	251 SF	В	15 SF	18	Net
C-36	BUSINESS	2,865 SF	В	100 SF	30	Gross
C-63	IDF	83 SF	NS	0 SF		Gross
		3,200			48	

SF

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TURKEVI CENTER PROJECT:

DRAWING TITLE: 15TH FLOOR - FIRE PROTECTION PLAN

6" COMBINED RISER

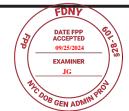
3" DRAIN RISER

2 1/2" FHV 3" FCVA

DATE:

08/15/2024





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

SCALE:

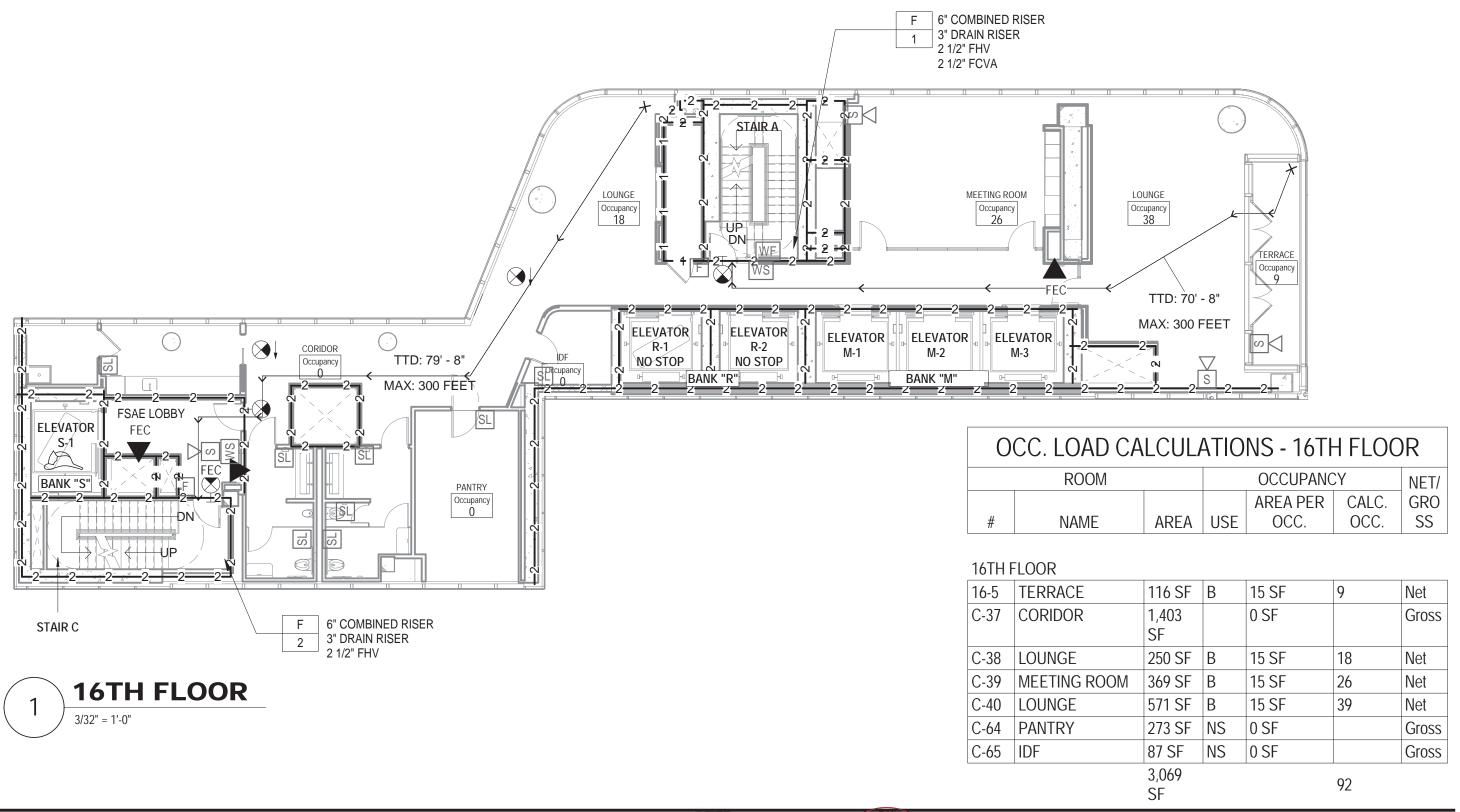
PROJECT NO.

3/32" = 1'-0"

DWG. NO.:

FPP-115

56311.00



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115 FIFTH AVENUE

115 FIFTH AVENUE NEW YORK, NY 10003 T. 212.353.7200 F. 212.353.7676 PROJECT: TURKEVI CENTER

DRAWING TITLE: 16TH FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

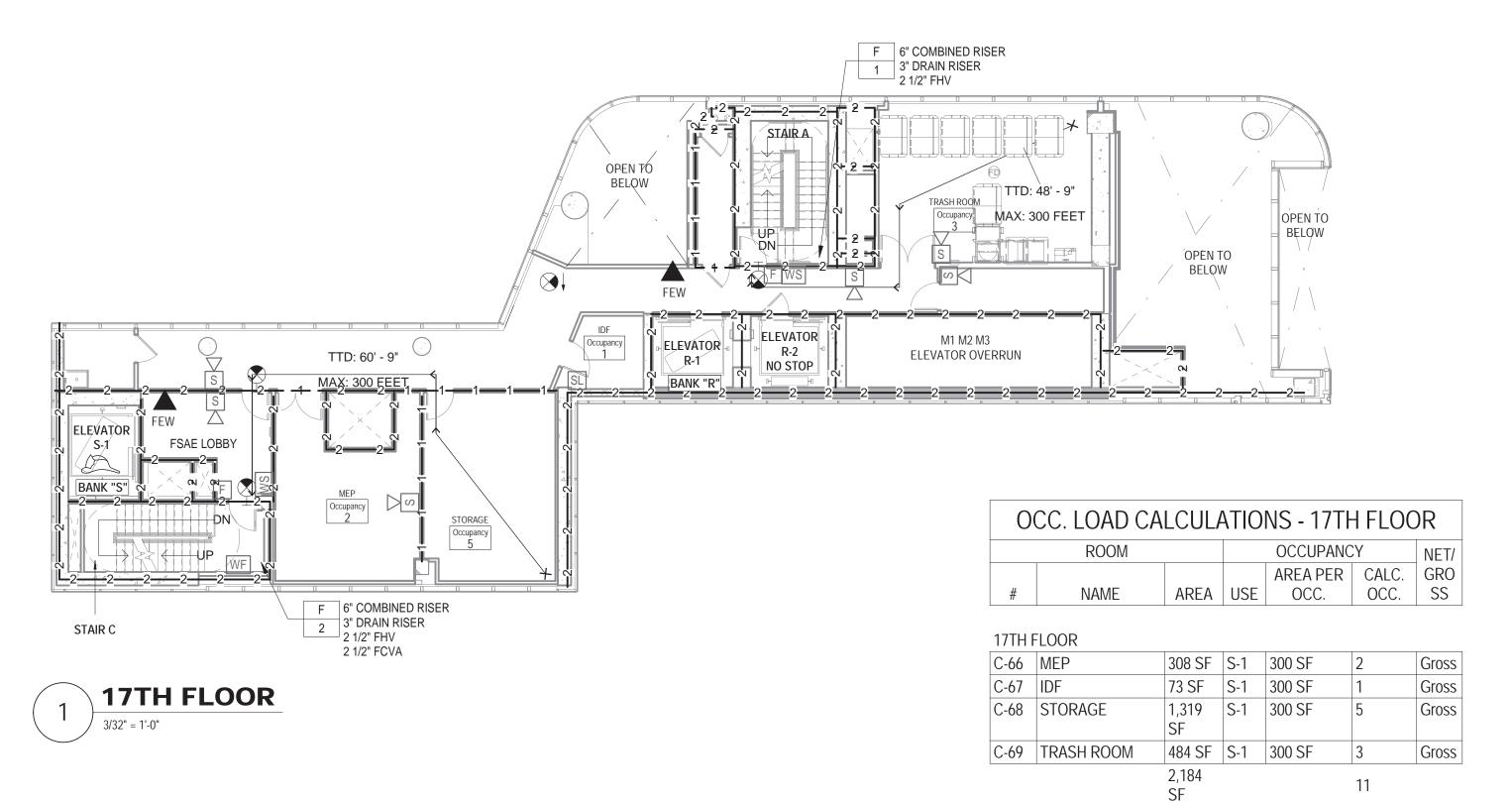
NY 10017 PROJECT NO.

56311.00

SCALE:

3/32" = 1'-0"

DWG. NO.: **FPP-116** 



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PROJECT: TURKEVI CENTER

DRAWING TITLE: 17TH FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024



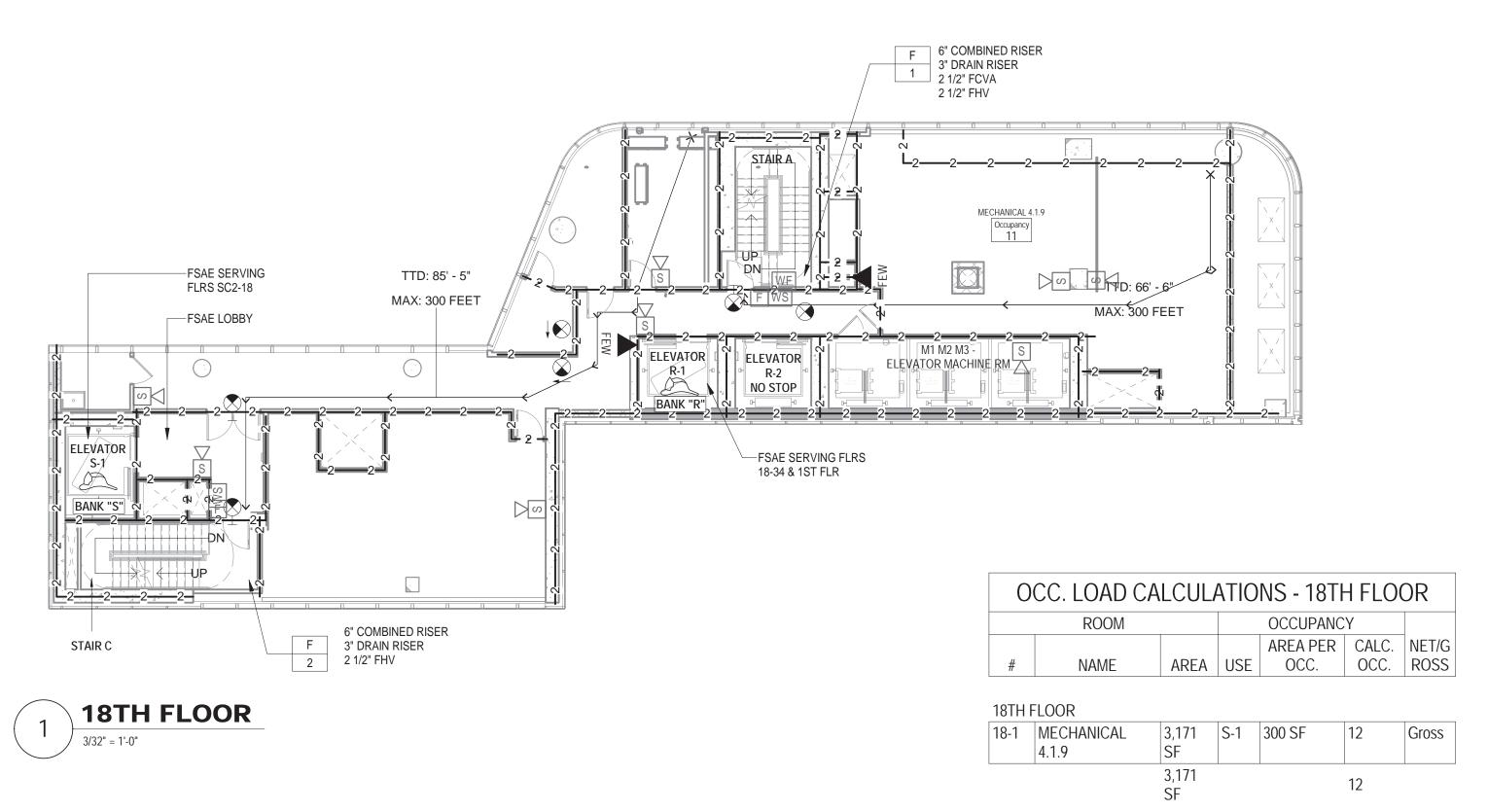


ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO. 56311.00

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

**FPP-117** DWG. NO.:



PROJECT: TURKEVI CENTER

DRAWING TITLE: 18TH FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

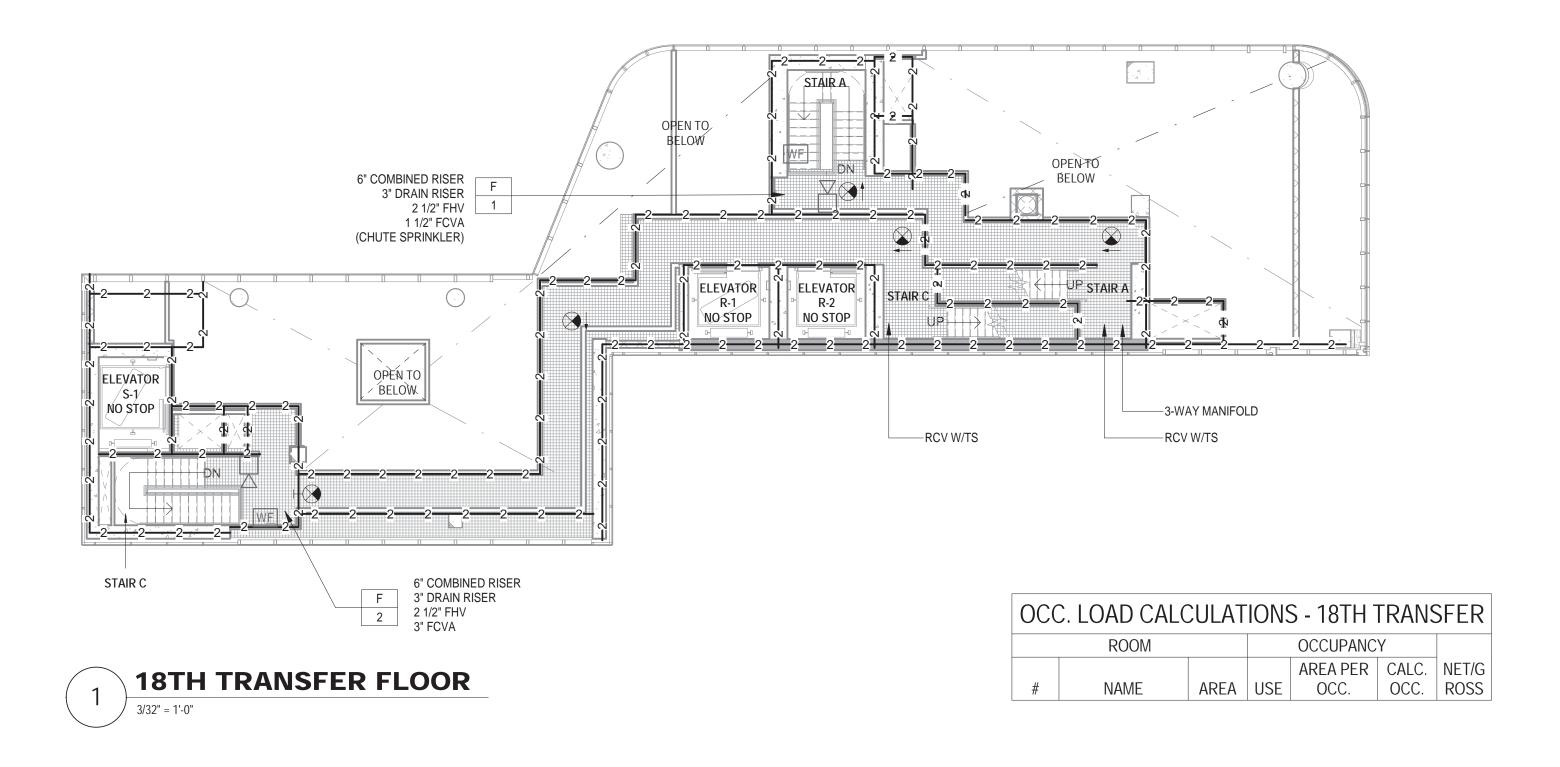
PROJECT NO.

56311.00

SCALE:

3/32" = 1'-0"

**FPP-118** DWG. NO.:



PROJECT: TURKEVI CENTER

DRAWING TITLE: 18TH TRANSFER FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

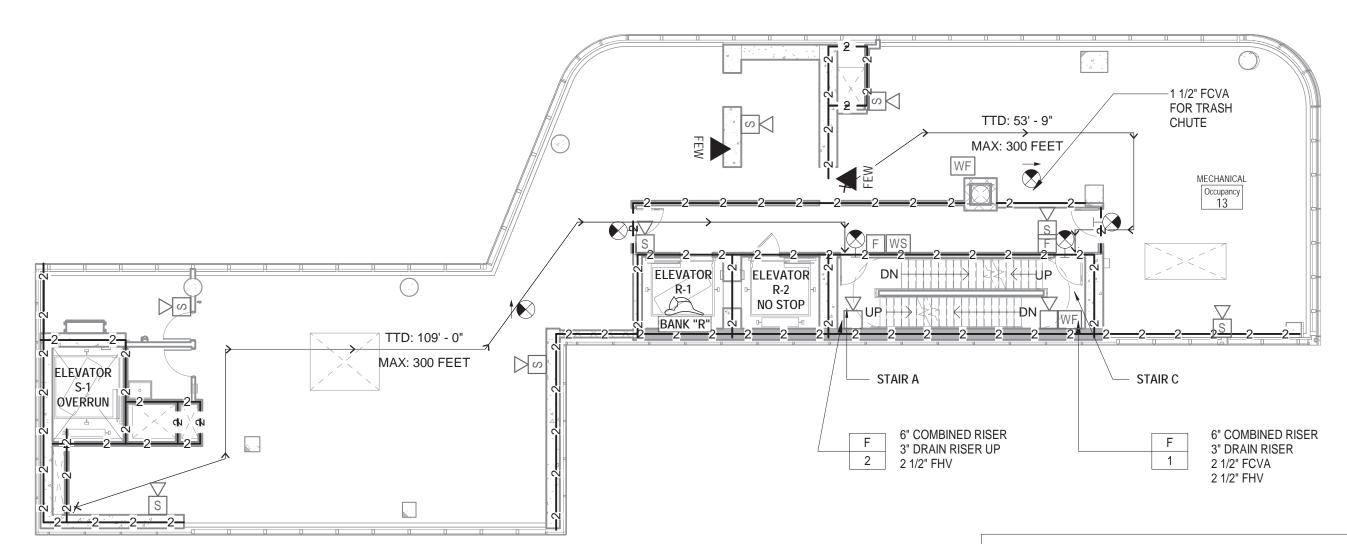
PROJECT NO.

56311.00

SCALE:

3/32" = 1'-0"

**FPP-118M** DWG. NO.:





0	OCC. LOAD CALCULATIONS - 19TH FLOOR								
ROOM			OCCUPANCY						
				AREA PER	CALC.	NET/G			
#	NAME	AREA	USE	OCC.	OCC.	ROSS			

## 19TH FLOOR

19-1	MECHANICAL	3,725 SF	S-1	300 SF	13	Gross
		3,725 SF			13	

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PROJECT: TURKEVI CENTER

DRAWING TITLE: 19TH FLOOR - FIRE PROTECTION PLAN

DATE:

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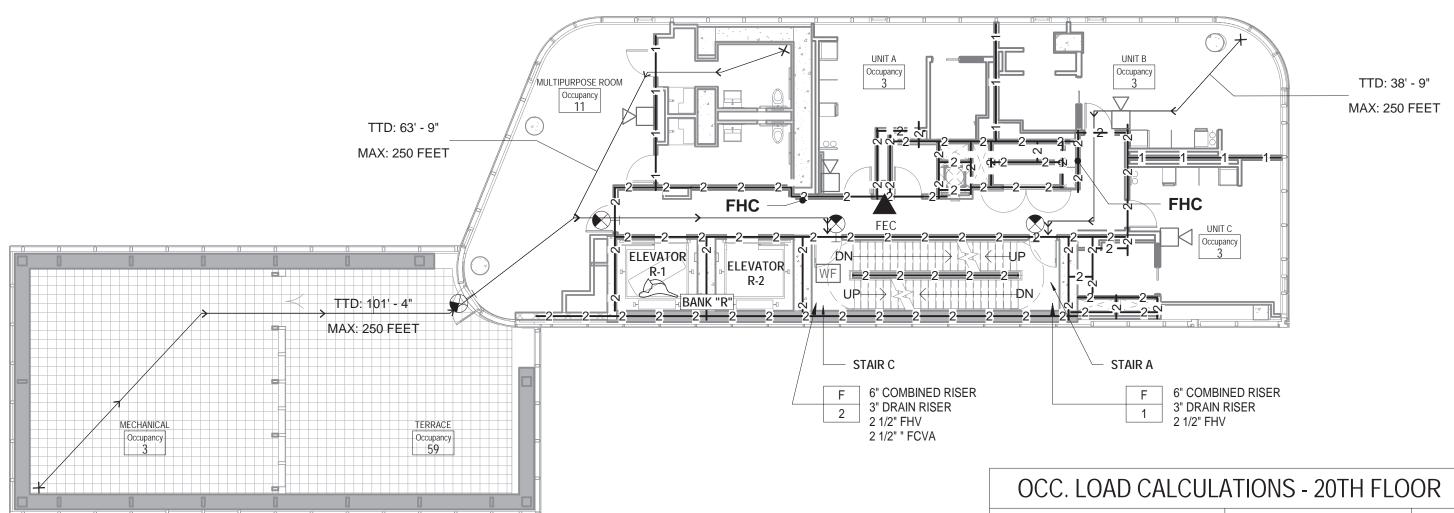


ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO.
SCALE:

56311.00 3/32" = 1'-0"

DWG. NO.: **FPP-119** 





#### **ROOM OCCUPANCY** AREA PER | CALC. NET/G OCC. ROSS AREA USE OCC. NAME

## 20TH FLOOR

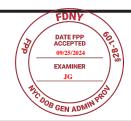
20-5	UNIT A	307 SF	R-2	200 SF	3	Gross
20-4	UNIT B	416 SF	R-2	200 SF	3	Gross
20-3	UNIT C	303 SF	R-2	200 SF	3	Gross
20-6	MULTIPURPOSE ROOM	487 SF	R-2	50 SF	11	Gross
20	TERRACE	875 SF	R-2	15 SF	59	Net
C-41	MECHANICAL	729 SF	S-1	300 SF	3	Gross

3,117 SF

PROJECT: TURKEVI CENTER

DRAWING TITLE: 20TH FLOOR - FIRE PROTECTION PLAN





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO.

56311.00

SCALE:

3/32" = 1'-0"

**FPP-120** DWG. NO.:

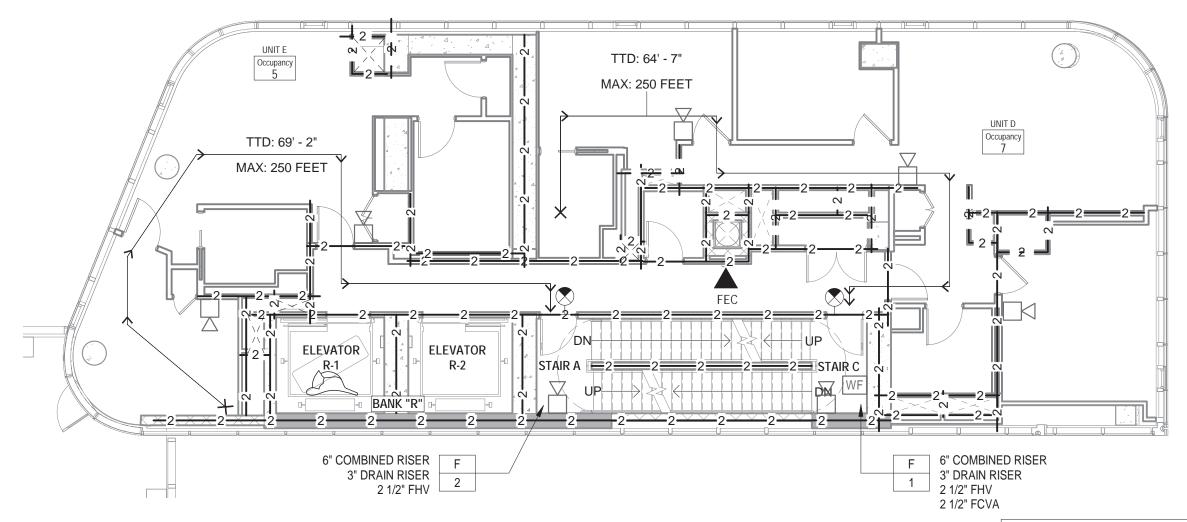
82

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DATE:

08/15/2024





OCC. LOAD CALCULATIONS - 21ST FLOOR						
	ROOM			OCCUPANC	Υ	
#	NAMF	ARFA	IICE	AREA PER OCC.		NET/G ROSS
π	INAIVIL	AILA	USL	000.	OCC.	11033

# 21ST FLOOR

21-4	UNIT E	755 SF	R-2	200 SF	5	Gross
21-3	UNIT D	1,105 SF	R-2	200 SF	7	Gross
		1,860 SF			12	

TURKEVI CENTER

DRAWING TITLE: 21ST FLOOR - FIRE PROTECTION PLAN

DATE:

PROJECT:

08/15/2024





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO.

SCALE:

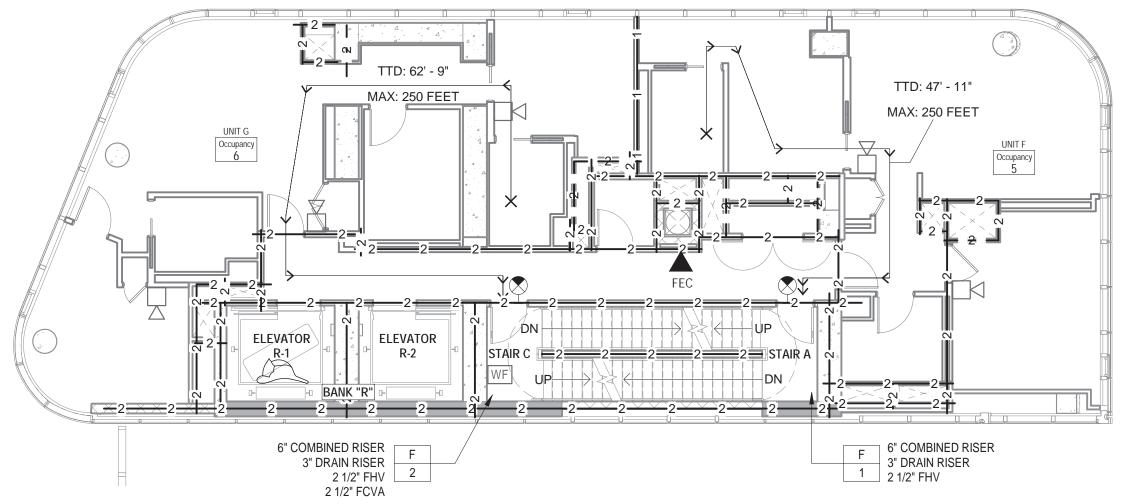
56311.00

1/8" = 1'-0"

FPP-121 DWG. NO.:

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**22ND FLOOR** 1/8" = 1'-0"

0	OCC. LOAD CALCULATIONS - 22ND FLOOR							
ROOM			OCCUPANCY					
				AREA PER	CALC.	NET/G		
#	NAME	AREA	USE	OCC.	OCC.	ROSS		

# 22ND FLOOR

22-4	UNIT G	952 SF	R-2	200 SF	6	Gross
22-3	UNIT F	853 SF	R-2	200 SF	5	Gross
		1,805 SF			11	

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PROJECT: TURKEVI CENTER

DRAWING TITLE: 22ND FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024



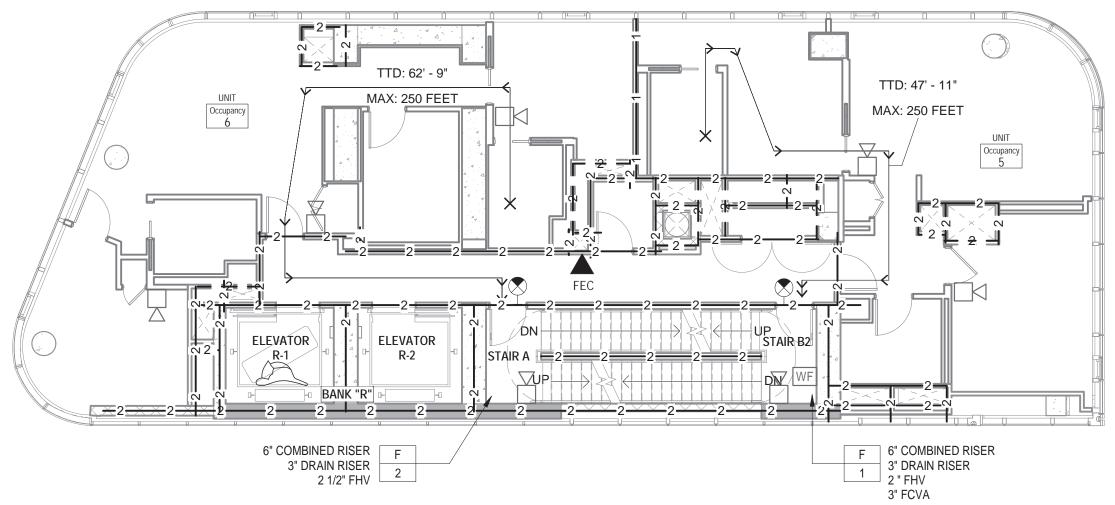


ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO. 56311.00

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

FPP-122 DWG. NO.:





00	OCC. LOAD CALCULATIONS - 23RD FLOOR							
	ROOM			OCCUPANC	Υ			
				AREA PER				
#	NAME	AREA	USE	OCC.	OCC.	ROSS		

# 23RD FLOOR

23-4	UNIT	997 SF	R-2	200 SF	6	Gross
23-3	UNIT	832 SF	R-2	200 SF	5	Gross
		1,829 SF			11	

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PROJECT: TURKEVI CENTER

DRAWING TITLE: 23RD FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024





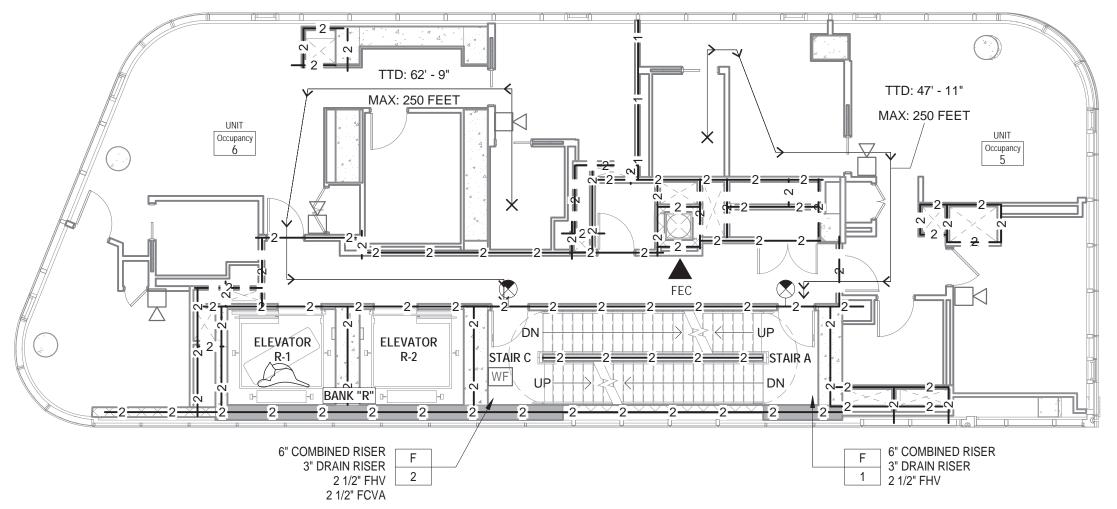
ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO. 56311.00

SCALE:

1/8" = 1'-0"

**FPP-123** DWG. NO.:





0	OCC. LOAD CALCULATIONS - 24TH FLOOR							
	ROOM			OCCUPANC	Υ			
				AREA PER	CALC.	NET/G		
#	NAME	AREA	USE	OCC.	OCC.	ROSS		

24-4	UNIT	956 SF	R-2	200 SF	6	Gross
24-3	UNIT	821 SF	R-2	200 SF	5	Gross
		1,777 SF			11	

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PROJECT: TURKEVI CENTER

DRAWING TITLE: 24TH FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024





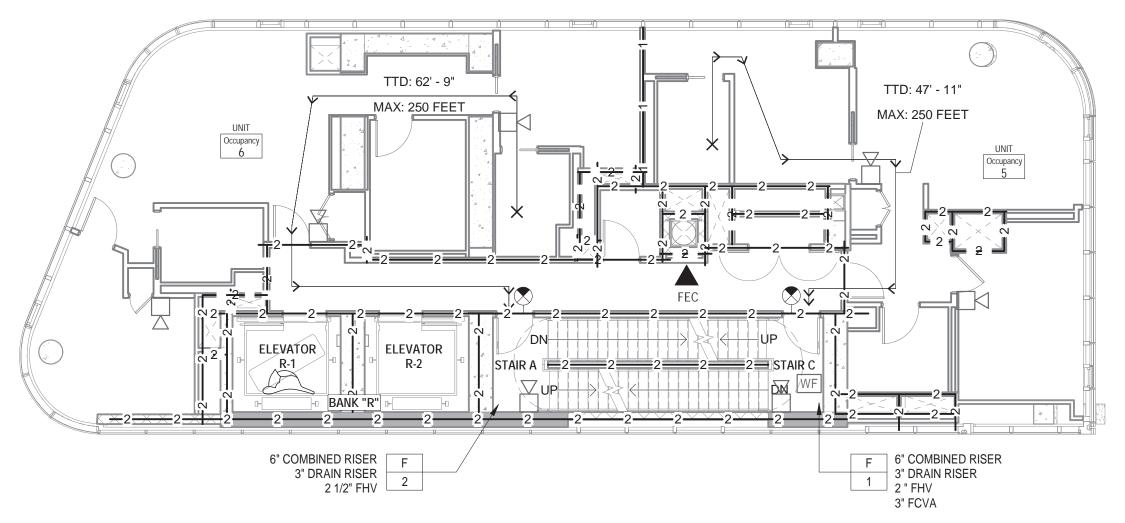
ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO.

56311.00

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

FPP-124 DWG. NO.:





OCC. LOAD CALCULATIONS - 25TH FLOOR							
	ROOM			OCCUPANC	Υ		
				AREA PER			
#	NAME	AREA	USE	OCC.	OCC.	ROSS	

25-4	UNIT	957 SF	R-2	200 SF	6	Gross
25-3	UNIT	790 SF	R-2	200 SF	5	Gross
		1,747 SF			11	

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PROJECT: TURKEVI CENTER

DRAWING TITLE: 25TH FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO.

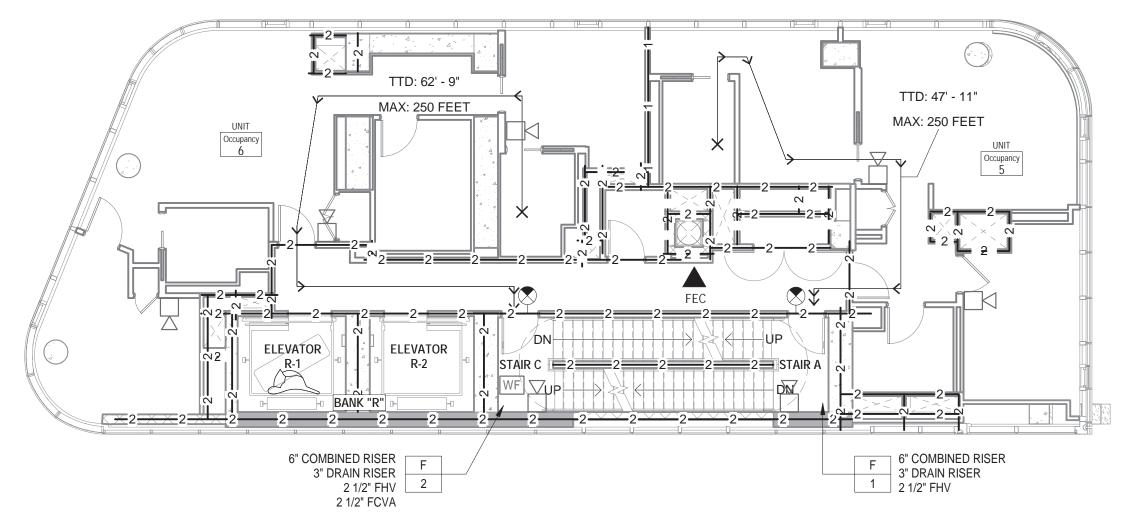
56311.00

SCALE:

1/8" = 1'-0"

DWG. NO.:

FPP-125





OCC. LOAD CALCULATIONS - 26TH FLOOR							
	ROOM			OCCUPANC	Υ		
				AREA PER	CALC.	NET/G	
#	NAME	AREA	USE	OCC.	OCC.	ROSS	

26-4	UNIT	970 SF	R-2	200 SF	6	Gross
26-3	UNIT	767 SF	R-2	200 SF	5	Gross
		1,737 SF			11	

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PROJECT: TURKEVI CENTER

DRAWING TITLE: 26TH FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024





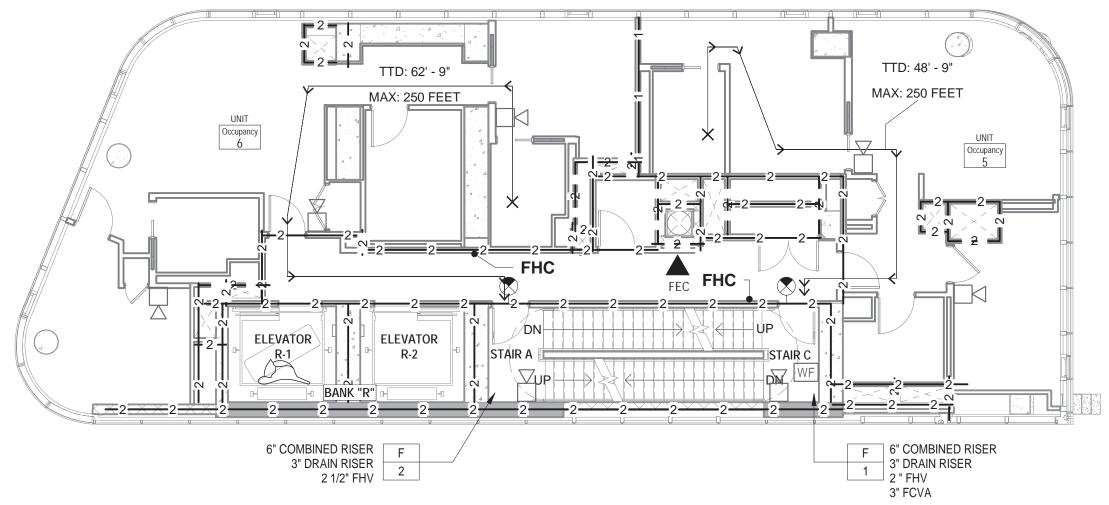
ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO.

56311.00

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

**FPP-126** DWG. NO.:





0	OCC. LOAD CALCULATIONS - 27TH FLOOR						
	ROOM			OCCUPANO	Υ		
				AREA PER	CALC.	NET/G	
#	NAME	AREA	USE	OCC.	OCC.	ROSS	

27-4	UNIT	965 SF	R-2	200 SF	6	Gross
27-3	UNIT	748 SF	R-2	200 SF	5	Gross
		1,713 SF			11	

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PROJECT: TURKEVI CENTER

DRAWING TITLE: 27TH FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

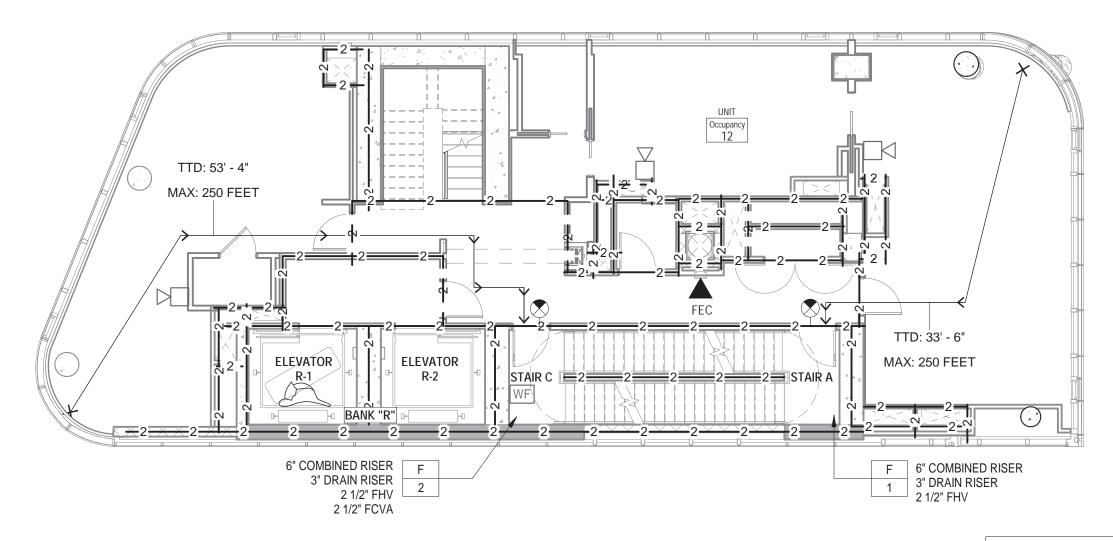
PROJECT NO.

56311.00

1/8" = 1'-0"

SCALE:

FPP-127 DWG. NO.:





OCC. LOAD CALCULATIONS - 28TH FLOOR							
	ROOM			OCCUPANC	Υ		
#	NAME	AREA	USE	AREA PER OCC.	CALC. OCC.		

28-	UNIT	1,956 SF	R-2	200 SF	11	Gross
		1,956 SF			11	

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PROJECT: TURKEVI CENTER

DRAWING TITLE: 28TH FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO.

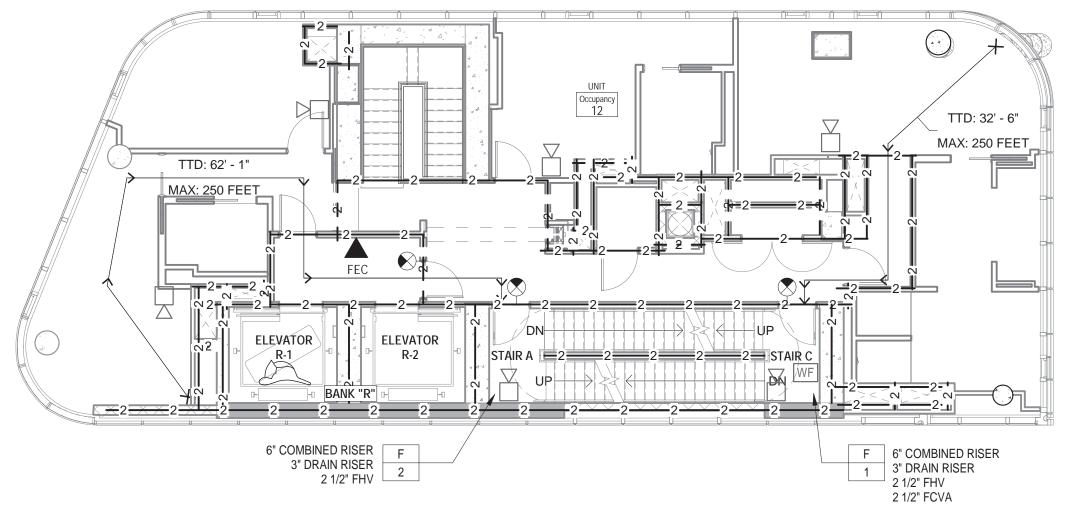
56311.00

SCALE:

1/8" = 1'-0"

DWG. NO.:

**FPP-128** 





0	OCC. LOAD CALCULATIONS - 29TH FLOOR								
	ROOM	OCCUPANCY							
				AREA PER	CALC.	NET/G			
#	NAME	AREA	USE	OCC.	OCC.	ROSS			

2/111	LOOK					
29	UNIT	1,513 SF	R-2	200 SF	9	Gross
		1,513 SF			9	

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PROJECT: TURKEVI CENTER

DRAWING TITLE: 29TH FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

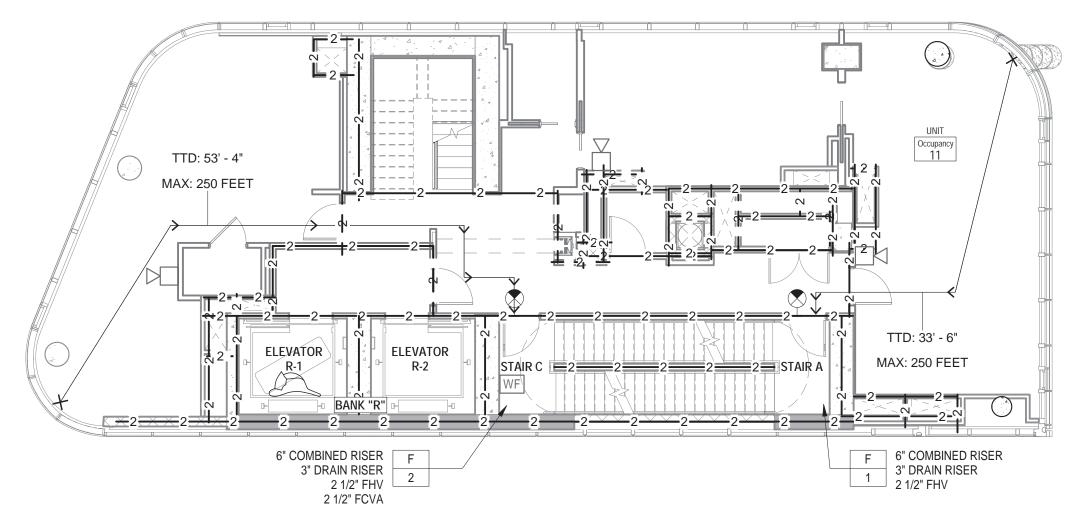
PROJECT NO.

56311.00

SCALE:

1/8" = 1'-0"

FPP-129 DWG. NO.:





OCC. LOAD CALCULATIONS - 30TH FLOOR							
ROOM				OCCUPANCY			
				AREA PER	CALC.	NET/G	
#	NAME	AREA	USE	OCC.	OCC.	ROSS	

30TH	FLOOR					
30	UNIT	1,543 SF	R-2	200 SF	9	Gross
		1,543 SF			9	

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PROJECT: TURKEVI CENTER

DRAWING TITLE: 30TH FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO.

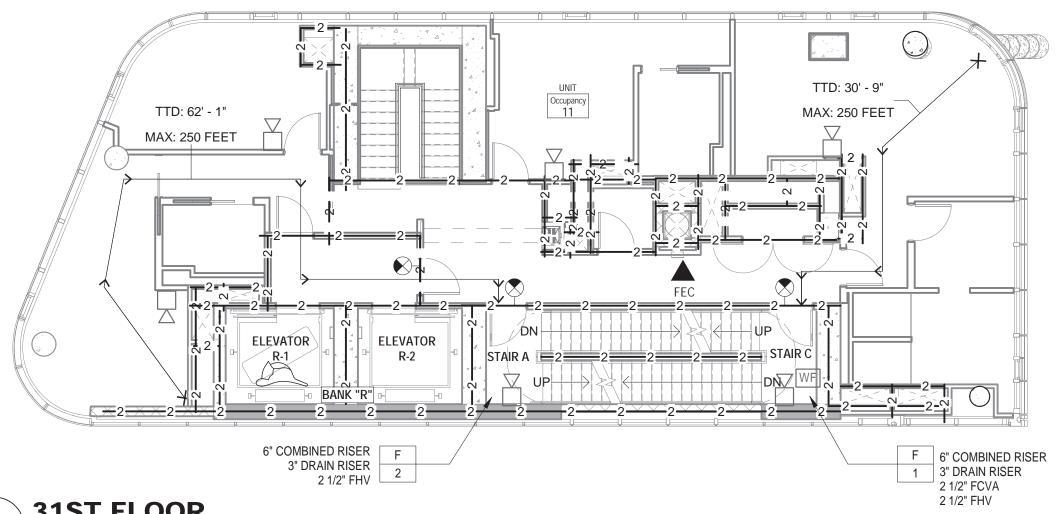
56311.00

SCALE:

1/8" = 1'-0"

DWG. NO.:

**FPP-130** 



31ST FLOOR 1/8" = 1'-0"

OCC. LOAD CALCULATIONS - 31ST FLOOR							
ROOM			OCCUPANCY				
				AREA PER	CALC.		
#	NAME	AREA	USE	OCC.	OCC.	ROSS	

## 31ST FLOOR

0.0	20011					
31	UNIT	1,440 SF	R-2	200 SF	8	Gross
		1,440 SF			8	,

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PROJECT: TURKEVI CENTER

DRAWING TITLE: 31ST FLOOR - FIRE PROTECTION PLAN





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO.

56311.00

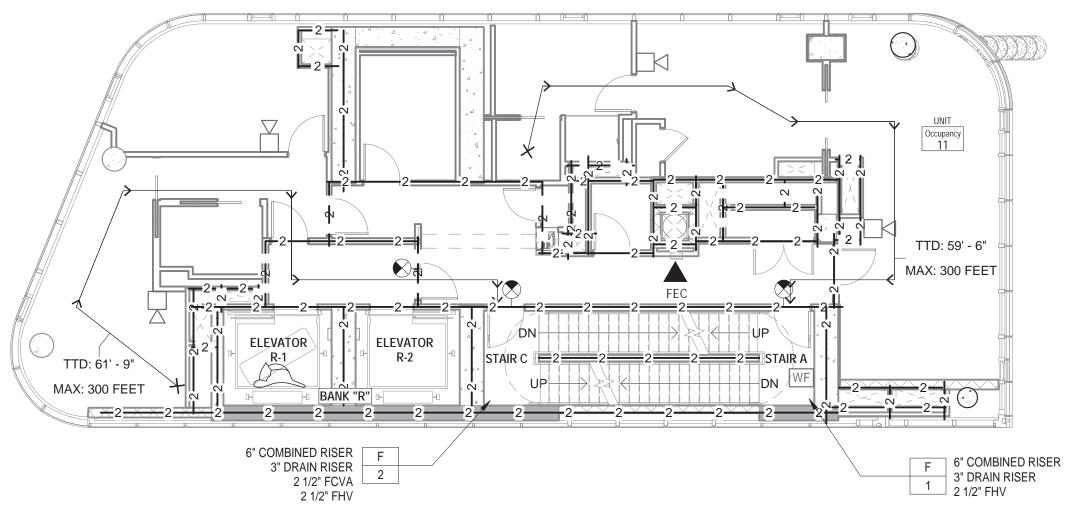
SCALE:

DWG. NO.:

1/8" = 1'-0"

FPP-131

DATE: 08/15/2024





00	OCC. LOAD CALCULATIONS - 32ND FLOOR								
	ROOM	OCCUPANCY							
				AREA PER	CALC.	NET/G			
#	NAME	AREA	USE	OCC.	OCC.	ROSS			

#### 32ND FLOOR

JZND I LOOK									
C-42	UNIT	1,499 SF	R-2	200 SF	8				
		1,499 SF			8				

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PROJECT: TURKEVI CENTER

DRAWING TITLE: 32ND FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO.

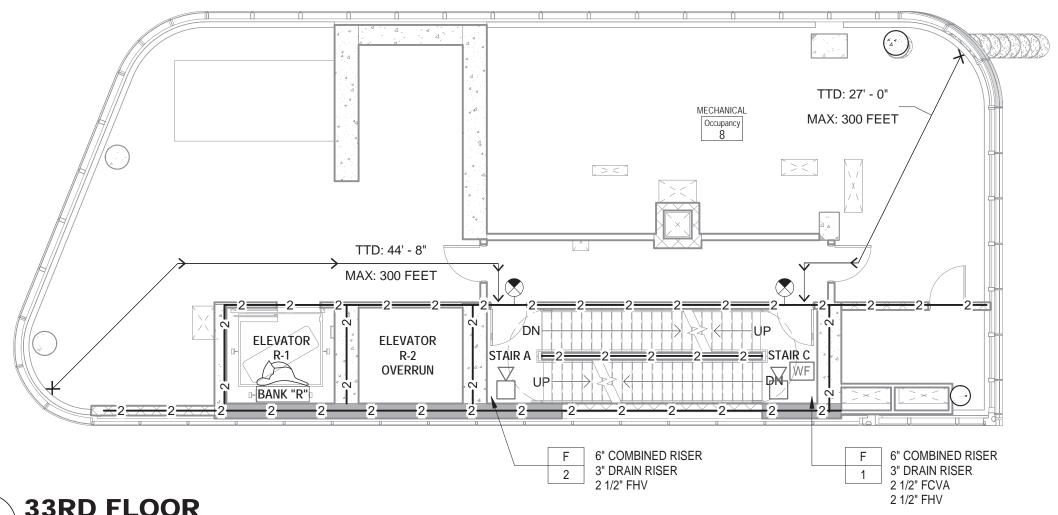
56311.00

SCALE:

DWG. NO.:

FPP-132

1/8" = 1'-0"



33RD FLOOR 1/8" = 1'-0"

OCC. LOAD CALCULATIONS - 33RD FLOOR							
ROOM			OCCUPANCY				
				AREA PER			
#	NAME	AREA	USE	OCC.	OCC.	ROSS	

# 33RD FLOOR

32-1	MECHANICAL	2,010 SF	S-1	300 SF	8	Gross
		2,010 SF			8	

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PROJECT: TURKEVI CENTER

DRAWING TITLE: 33RD FLOOR - FIRE PROTECTION PLAN

DATE: 08/15/2024





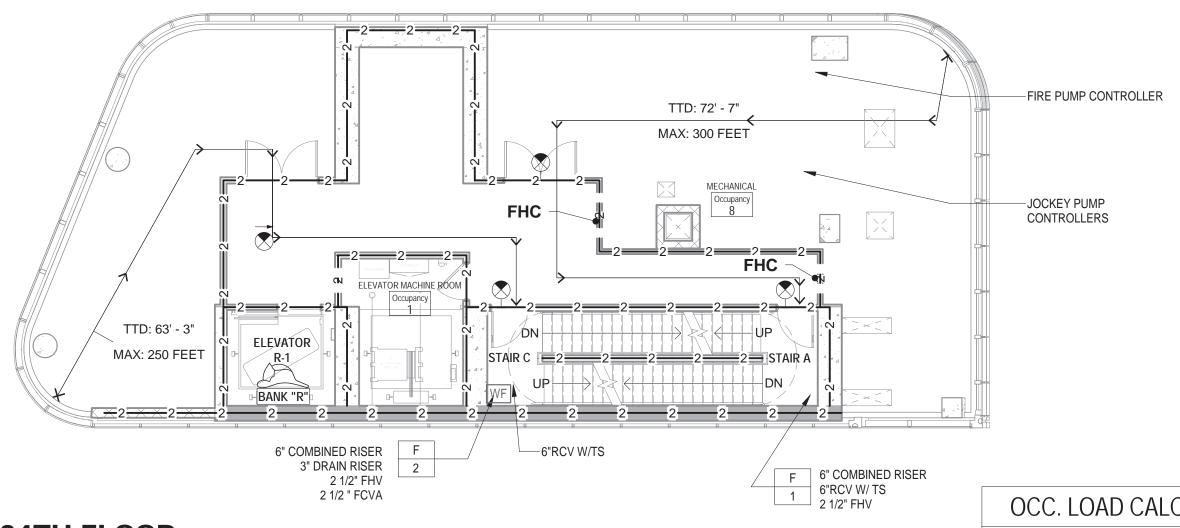
ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO.

56311.00

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

**FPP-133** DWG. NO.:



#### OCC. LOAD CALCULATIONS - 34TH FLOOR ROOM OCCUPANCY AREA PER | CALC. NET/G OCC. ROSS OCC. NAME AREA USE

#### 34TH FLOOR

	MECHANICAL	2,039 SF	S-1	300 SF	8	Gross			
C-43	ELEVATOR MACHINE ROOM	141 SF	S-1	300 SF	1	Gross			
		2 181							

9 SF

PROJECT: TURKEVI CENTER

DRAWING TITLE: 34TH FLOOR - FIRE PROTECTION PLAN

08/15/2024



ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO. 56311.00

SCALE:

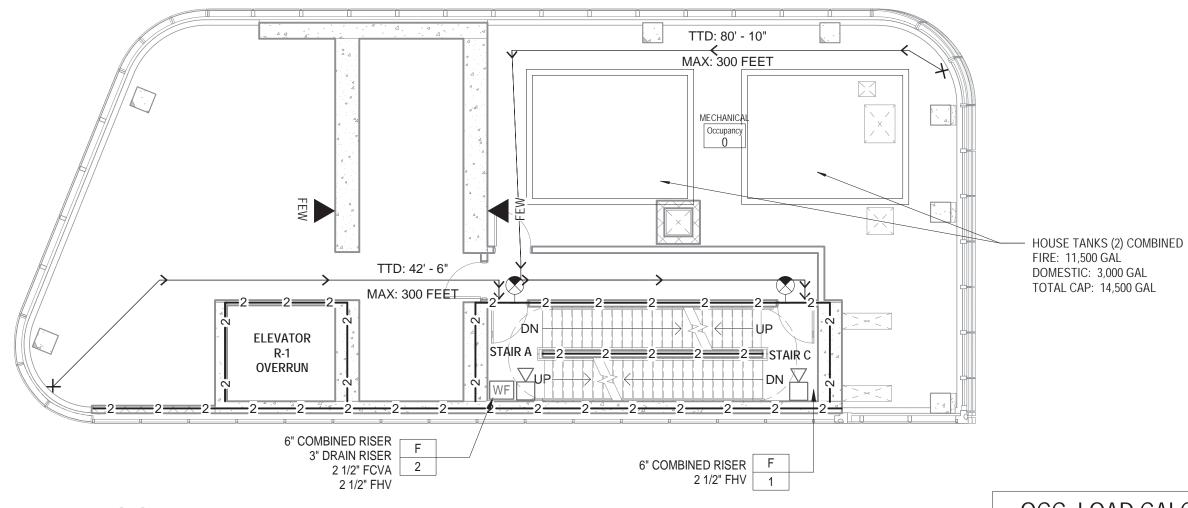
1/8" = 1'-0"

**FPP-134** DWG. NO.:

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**35TH FLOOR** 1/8" = 1'-0"

0	OCC. LOAD CALCULATIONS - 35TH FLOOR								
	ROOM	OCCUPANCY							
,,		4554		AREA PER					
#	NAME	AREA	USE	OCC.	OCC.	ROSS			

#### 35TH FLOOR

C-70	MECHANICAL	2,030 SF	S1		
		2,030 SF		0	

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PROJECT: TURKEVI CENTER

DRAWING TITLE: 35TH FLOOR - FIRE PROTECTION PLAN





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

SCALE:

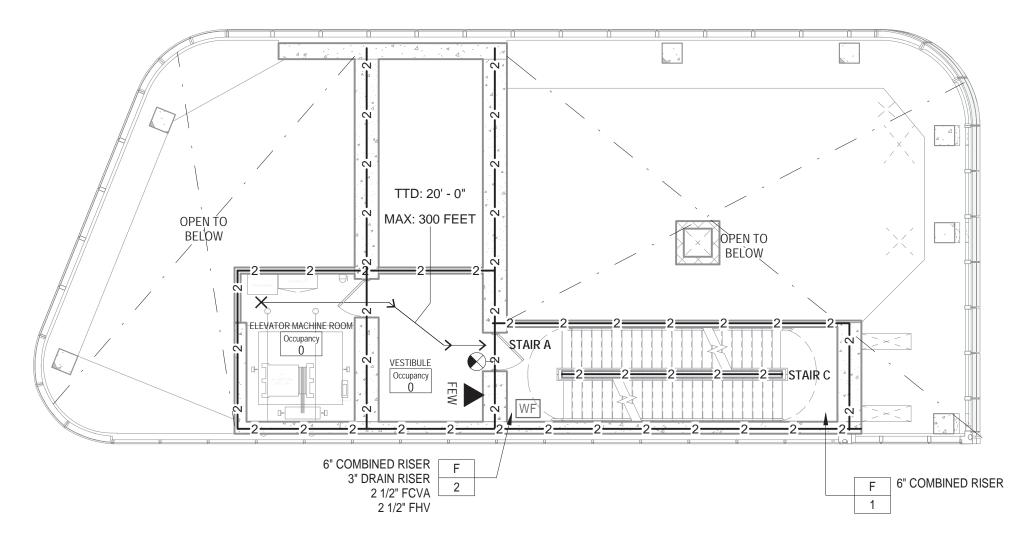
PROJECT NO.

56311.00

1/8" = 1'-0"

**FPP-135** DWG. NO.:

DATE: 08/15/2024





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#### OCC. LOAD CALCULATIONS - ELEV. MACHINE.. ROOM OCCUPANCY AREA PER CALC. NET/G AREA USE OCC. ROSS NAME OCC.

## EL. +457'

C-73	ELEVATOR MACHINE ROOM	141 SF	S-1		
C-74	VESTIBULE	140 SF			
		280 SF		n	

280 St

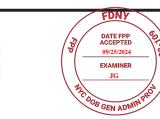
SCALE:

PROJECT:

DRAWING TITLE: ELEVATOR MACHINE ROOM FLOOR - EL. 457' - FIRE PROTECTION PLAN

DATE:

ERED ARCA TURKEVI CENTER 08/15/2024



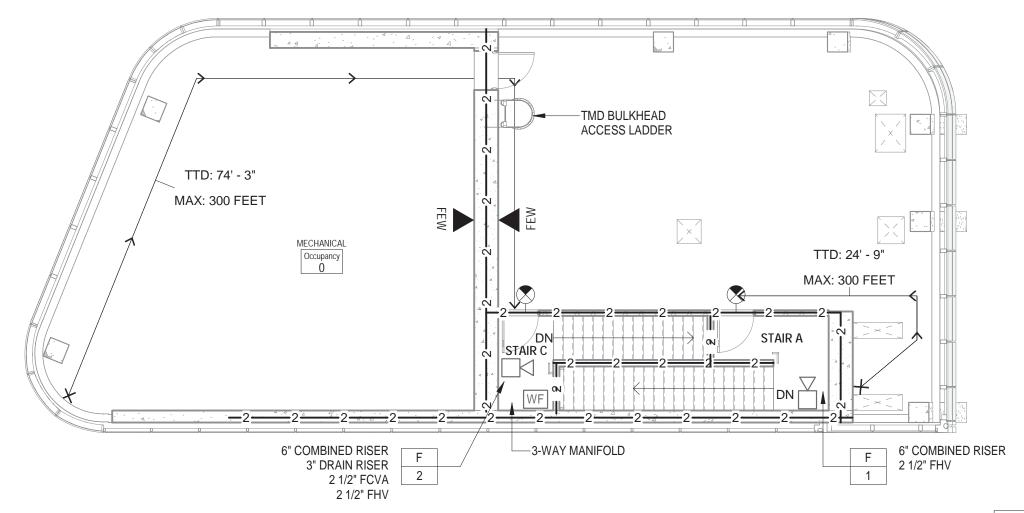


ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO. 56311.00

**FPP-136** DWG. NO.:

1/8" = 1'-0"





OCC. LOAD CALCULATIONS - ROOF						
ROOM			OCCUPANCY			
				AREA PER		
#	NAME	AREA	USE	OCC.	OCC.	ROSS

ROOF					
C-71	MECHANICAL	2,031 SF	S-1		
		2,031 SF		0	

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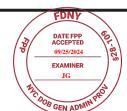
115 FIFTH AVENUE
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PROJECT: TURKEVI CENTER

DRAWING TITLE: ROOF FLOOR - FIRE PROTECTION PLAN

08/15/2024





ADDRESS: 821 FIRST AVENUE, MANHATTAN, NY 10017

PROJECT NO.

56311.00

SCALE:

1/8" = 1'-0"

**FPP-137** 

DWG. NO.:

DATE: