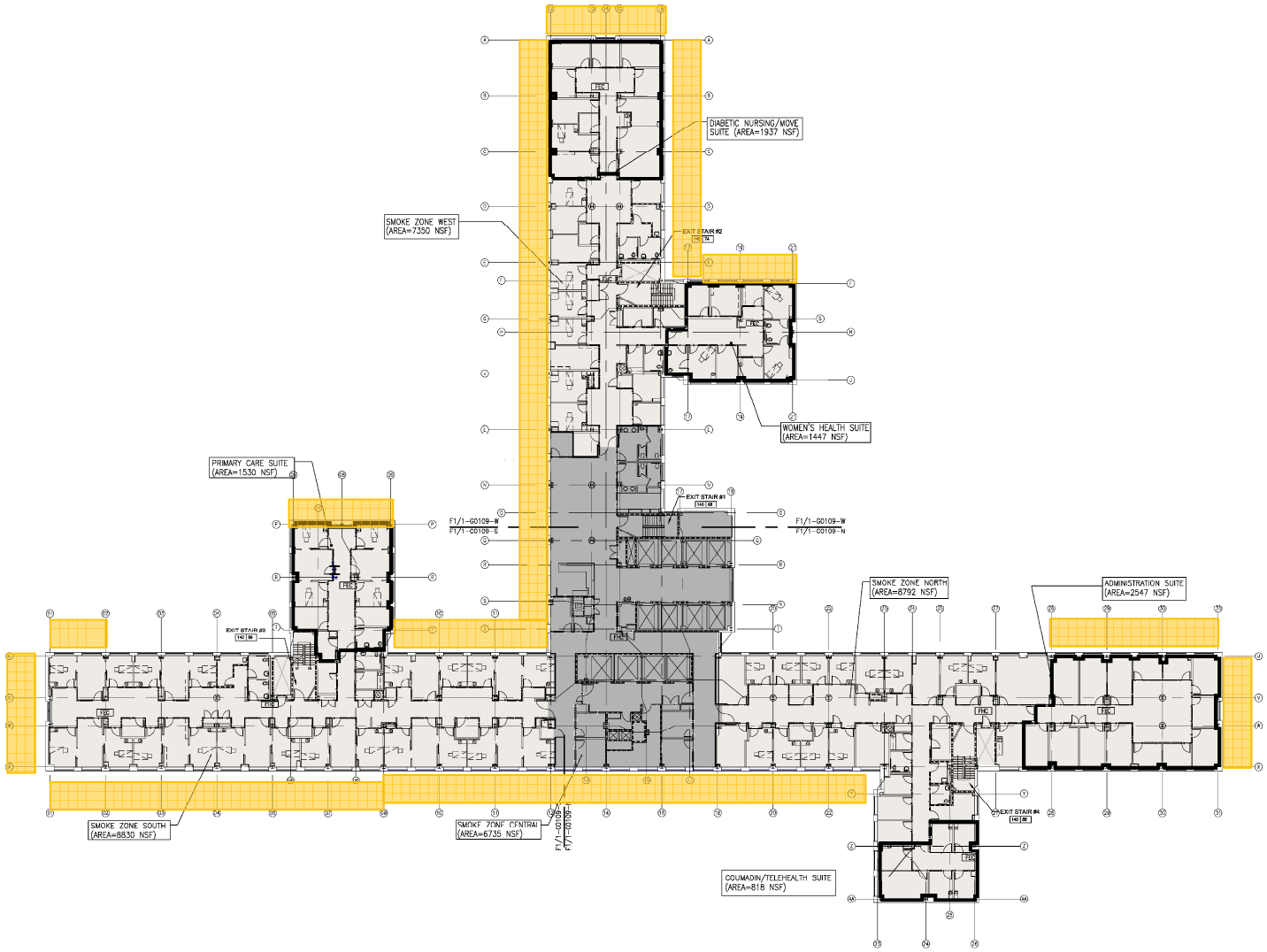

F1 LIFE SAFETY PLAN - 9TH FLOOR

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

LEGEND

- ABLE TO RESIST PASSAGE OF SMOKE
- 1 HOUR FIRE
- 1 HOUR FIRE/ SMOKE BARRIER
- 2 HOUR FIRE
- 2 HOUR FIRE/ SMOKE BARRIER
- FHC — FIRE HOSE CABINET
- FEC — FIRE EXTINGUISHER CABINET
- FE — FIRE EXTINGUISHER
- SMOKE COMPARTMENT (AREA IN GROSS SQFT)

ROOM NAME
SF/P — OCCUPANT FACTOR PER 2012 NFPA LIFE SAFETY CODE TABLE 7.3.1.2
#P — NUMBER OF OCCUPANTS
ACTUAL NUMBER OF OCCUPANTS
XX | XX — MAXIMUM ALLOWED OCCUPANTS

EGRESS PATH/ TRAVEL DISTANCE

EGRESS PATH/ TRAVEL DISTANCE TO SMOKE BARRIER

REFER TO ENLARGED PLANS FOR INFORMATION ON NUMBER OF OCCUPANTS PER SPACE AND EGRESS PATH/TRAVEL DISTANCES.

GENERAL NOTES

1. APPLICABLE CODES:
   2012 NFPA 101 LIFE SAFETY CODE
   2012 INTERNATIONAL BUILDING CODE
   VA FIRE PROTECTION MANUAL, DESIGN MANUAL, 6TH EDITION, SEPTEMBER 2011
2. APPLICABLE STANDARDS:
   ICC/ ANSI A117.1 2009
3. CONSTRUCTION CLASSIFICATION = TYPE I-B
4. 9TH FLOOR = AMBULATORY HEALTHCARE OCCUPANCY
5. BUILDING IS FULLY SPRINKLERED.
6. SMOKE COMPARTMENT = 22,500 SQFT MAX
7. TYPE I-B (TYPE II (222)) PROTECTED NON COMBUSTIBLE CONSTRUCTION (TABLE 602/ NFPA 220 TABLE 4.1.1)

Building Element	Fire Resistance Rating (in hours)
Interior bearing walls, columns, girders, trusses	2
Exit stair enclosures (7.1.3.2.1)	2
Floor construction	2
Elevator hoistways (8.6.5)	2
Other shafts (8.6.5)	1
Combustible storage rooms > 50SF (18.3.2.1)	1
Rooms with trash or soiled linen in volumes > 64 gal (18.3.2.1)	1

8. MAXIMUM TRAVEL DISTANCE:
   - 200' TO A SMOKE BARRIER
   - 200' TO AN EXIT
   - 100' W/IN SUITE TO AN EXIT ACCESS DOOR
   - 20' DEAD END CORRIDOR*

* Pre-existing conditions are grandfathered by VA.

9. EXIT CAPACITY (NFPA 101 TABLE 7.3.3.1):

Exit Type	Egress width	Allowable width per occupant	Total Capacity
Elevator Stair #1	42"	0.3"/person	140
Stair #2	42"	0.3"/person	140
Stair #3	42"	0.3"/person	140
Stair #4	42"	0.3"/person	140
			560

10. OCCUPANT LOAD TYPES & FACTORS (NFPA TABLE 7.3.1.2):

Use	Occupant Load Factor SF/OCC
Outpatient Treatment Areas	100 gross
Offices	100 gross
Assembly, concentrated (chairs only-not fixed)	7 net
Assembly, un-concentrated (tables and chairs)	15 net
Storage and Mechanical rooms	300 gross

11. 9TH FLOOR OCCUPANCY COUNT = 340
12. AREA OF PRIMARY CARE SUITE = 1,530 SQFT
13. AREA OF COUMADIN/ TELEHEALTH SUITE = 818 SQFT
14. AREA OF ADMINISTRATION SUITE = 2,547 SQFT
15. AREA OF WOMEN'S HEALTH SUITE = 1,447 SQFT
16. AREA OF DIABETIC NURSING/ MOVE SUITE = 1,937 SQFT
17. THE FLOOR PLAN BACKGROUND FOR NEW AND EXISTING CONSTRUCTION IS SHOWN HALF-TONE. DESIGNATIONS FOR FIRE RATED PARTITIONS, SMOKE PARTITIONS AND OTHER CODE COMPLIANCE RELATE INFORMATION ARE SHOWN FULL TONE. REFER TO CONTRACT DRAWINGS TO DETERMINE WHICH COMPONENTS ARE NEW AND WHICH ARE EXISTING.
18. THE FIRE AND SMOKE DESIGNATIONS FOR EXISTING CONSTRUCTION ARE SHOWN FOR REFERENCE ONLY AND ARE BASED ON INFORMATION PROVIDED BY THE OWNER. THIS INFORMATION HAS NOT BEEN INDEPENDENTLY VERIFIED BY CANNON DESIGN.

BUILDING IS FULLY SPRINKLERED

Scale 1/16" = 1'-0"

Revisions	Date
70% CONSTRUCTION DOCUMENTS PROGRESS NOT FOR CONSTRUCTION	06/25/2013

CONSULTANTS:

KEY PLAN:

ARCHITECT/ENGINEERS:

CANNONDESIGN
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Baltimore • Boston • Buffalo • Calgary • Chicago
Houston • Los Angeles • Mumbai • New York • Phoenix
St. Louis • San Francisco • Shanghai • Toronto
Vancouver • Victoria • Washington DC

Drawing Title: LIFE SAFETY PLAN - 9TH FLOOR

Approved Project Director

Project Title: VA NY HARBOR HEALTHCARE SYSTEM BUILDING 1 - 9TH FLOOR RENOVATIONS

Location: 423 EAST 23RD STREET NEW YORK, NY 10010

Date	Checked	Drawn
JUNE 25, 2013	AH / DT	JKC

Project Number: 630-2600

Building Number: 1

Drawing Number: 1-G0109

Office of Construction & Facilities Management

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