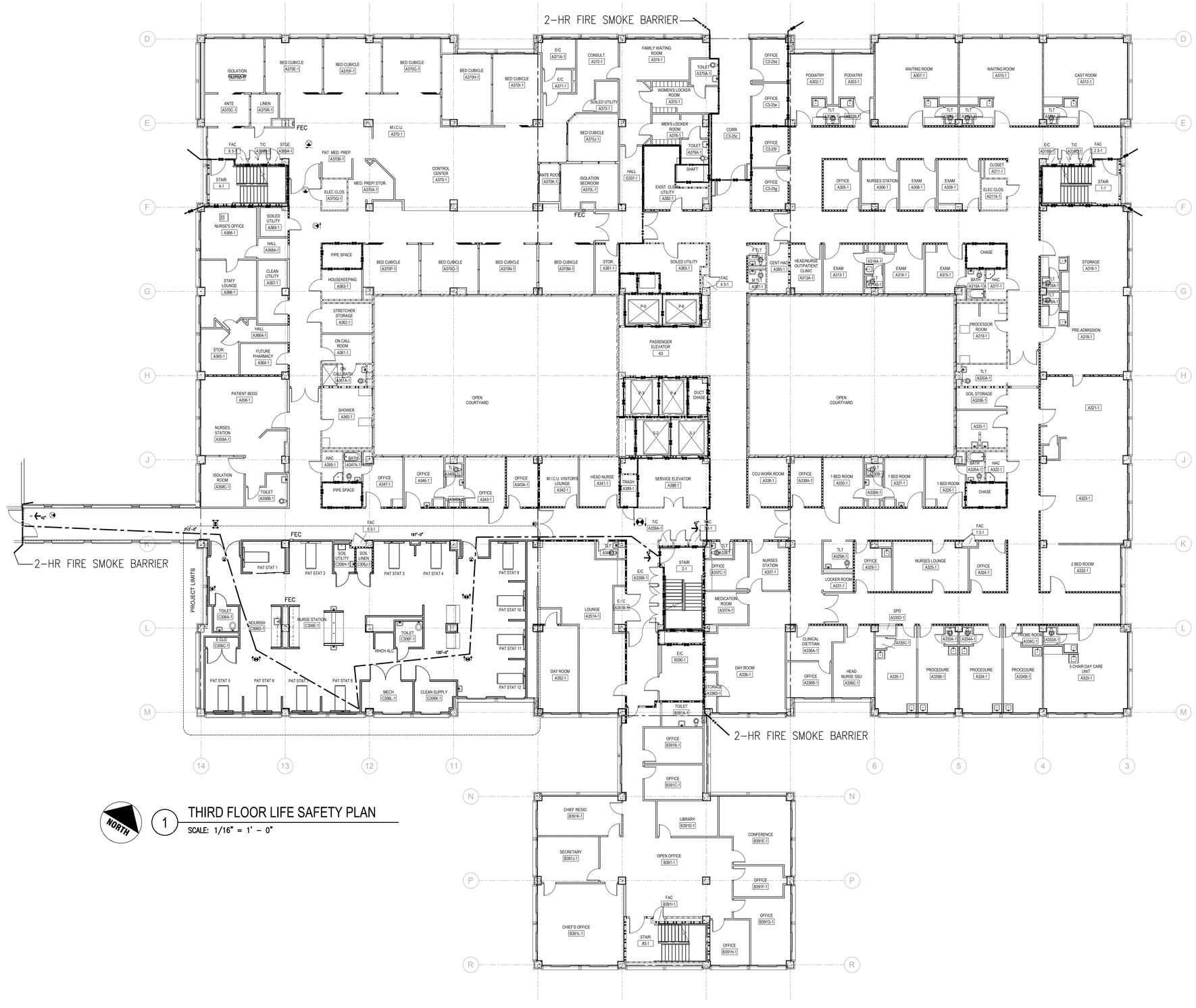

1 THIRD FLOOR LIFE SAFETY PLAN

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

NORTH

MAJOR CODES IN EFFECT

NFPA 101 -LIFE SAFETY CODE 2012
IBC 2009 – BUILDING ELEMENTS
UFAS – ACCESSIBILITY REQUIREMENTS
NFPA – FIRE PROTECTION
NEC – ELECTRICAL
NSPC – PLUMBING

FLOOR IS MULTIPLE, SEPARATED OCCUPANCY:
CATH LAB SUITE AREA IS HEALTHCARE OCCUPANCY

TYPE 1-A CONST. FOR UNLIMITED AREA, HEIGHT, NUMBER OF STORIES.

TYPE 1-A (IBC 2009)
LIFE SAFETY CODE, NFPA 101 TYPE I (332)

RATED PARTITION LEGEND

- 2-HR FIRE/SMOKE (TRAVEL DIST. 300' OR LESS) -SMOKE BARRIER
- 1-HR FIRE
  - -STORAGE ROOMS
  - CLEAN SUPPLY ROOMS
  - SOIL HOLD
  - LARGER THAN 100SF
- 2-HR FIRE RATED
  - -STAIRS
  - -FLOOR TO FLOOR OPENINGS
  - -OCCUPANCY SEPARATION

GENERAL NOTES

CARDIOLOGY 3C RENOVATION WILL BE SPRINKLERED.
EXISTING BUILDING IS NON-SPRINKLERED, BUT IS SCHEDULED TO BE SPRINKLERED.

DISTANCES TO EXIT OR SMOKE WALL DOORS ARE WITHIN 200 FT AS PERMITTED IN SPRINKLERED BUILDINGS OR BUILDINGS IN PROCESS TO BE FULLY SPRINKLERED.

CARDIOLOGY RENOVATION SMOKE COMPARTMENT SIZE IS 17,900 SF, WHICH IS LESS THAN THE 22,500 SF ALLOWED.

CARDIOLOGY RENOVATION PROJECT SIZE IS 8,150 SF, WHICH IS LESS THAN THE 22,500 SF ALLOWED.

LEGEND

- EXIT
- H HORIZONTAL EXIT
- EXIT LIGHT – SINGLE FACE
- EXIT LIGHT – DIRECTIONAL (ONE WAY)
- EXIT LIGHT – DIRECTIONAL (TWO WAY)
- EXIT LIGHT – DOUBLE FACE
- FEC FIRE EXTINGUISHER CABINET (WITHIN 75' OF ANY POINT)
- EXIT PATH
- #'-#" – DISTANCE TO SMOKE PARTITION OR EXIT.

OCCUPANCY CALCULATIONS

USE	AREA (SF)	+	OCCUPANT LOAD FACTOR	=	CALCULATED OCCUPANT LOAD (OL)
GROUP I-1 / I-332	38,610		120 (SF / PERSON) INPATIENT AREAS		322
TOTAL					

EXIT CALCULATIONS

EXIT WIDTH / PERSON ALLOWED	EXIT UNITS/ STAIRWAY OR HORIZONTAL		PROVIDED EXIT UNITS	OCCUPANT LOAD
0.2" HORIZONTAL	STAIR #1	42"X 0.3"= 140	840	322
0.3" STAIRWAY	STAIR #3	42"X 0.3"= 140		
	STAIR #4	42"X 0.3"= 140		
	HORIZONTAL TO PSB	42"X 0.2"= 210		EXIT UNITS PROVIDED OKAY
	HORIZONTAL TO UNIT B	42"X 0.2"= 210		

FINAL DESIGN
APPROVED FOR CONSTRUCTION

Revisions:	Date

CONSULTANTS:

Thomas H. Gyllstrom AIA LEED AP
Digitally signed by Thomas H. Gyllstrom AIA LEED AP
Date: 2018.03.13 12:08:53 -04'00'

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AKEA Project No. 094-14

Drawing Title: THIRD FLOOR LIFE SAFETY PLAN
Approved: Project Director

Project Title: RENOVATE WARD 3C FOR CARDIOLOGY EQUIPMENT INSTALLATION
Location: GAINESVILLE, FLORIDA
Date: MARCH 9, 2018
Checked: THG
Drawn: JG

Project Number: 573-CSI-102
Building Number: 1
Drawing Number: LS101
3 OF 62

Office of Construction and Facilities Management
Department of Veterans Affairs

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