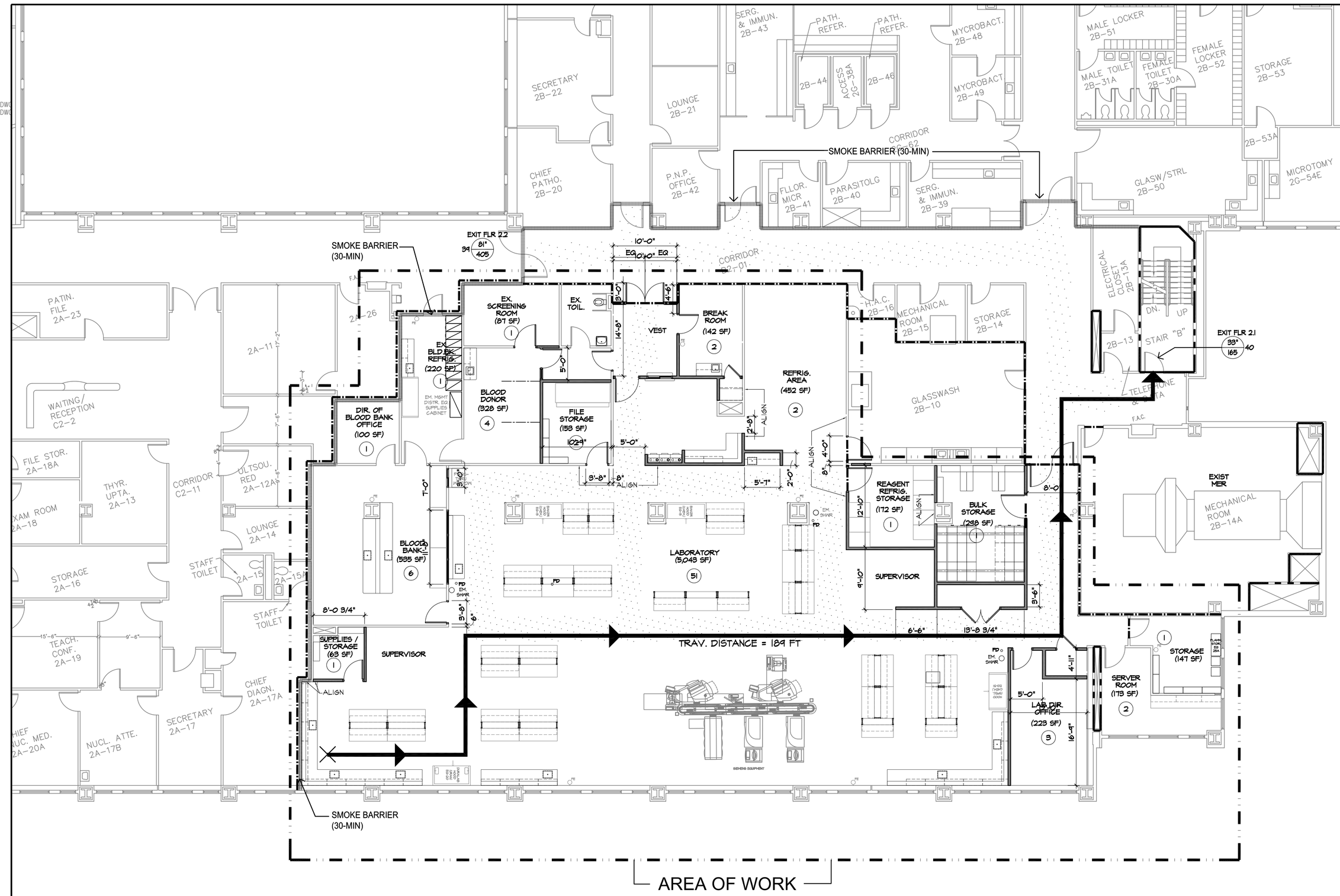
Plot Drawing
1909000-AS102.dwg
Working Drawing

Reference Drawings
Q:\1909.000
\VAM30X42.DWG
\VAMCL1.DWG
\VAMCS1.DWG
\VAMCS2.DWG
\VAMEX1.DWG
\VAMEX2.DWG
\VAMFL1.DWG
\VAMFL2.DWG
\VAMTXAS2-1.DWG
\VAMTXAS2-2.DWG



LEGEND

- 1-HOUR SMOKE TIGHT PARTITION
- 1-HOUR FIRE PARTITION
- 2-HOUR FIRE PARTITION
- SCOPE OF WORK
- EXIT ACCESS CORRIDOR
- 132 ft — MAX TRAVEL DISTANCE, START POINT, DIRECTION & LENGTH
- FEC — FIRE EXTINGUISHER CABINET
- EXIT FLR#.# (c: a / b) — EXIT NUMBER
  a. EGRESS WIDTH
  b. EGRESS COUNT
  c. EGRESS NUMBER

EGRESS CALCULATIONS

2ND FLOOR LAB - AREA 2B

OCCUPANT LOAD

USE GROUP: BUSINESS

OCCUPANCY	GR SF	SF/PERSON (gr)	OCCUPANTS
LABORATORY	5,043	100	51
BLOOD BANK	585	100	6
BLD DONOR	328	100	4
B.B. OFFICE	100	100	1
SCRN OFFICE	87	100	1
CNSLT OFFICE	158	100	2
ADMN OFFICE	142	100	2
DIR. OFFICE	223	100	3
SRVR ROOM	173	100	2
SUB-TOTAL	6,784		

USE GROUP: STORAGE

BULK STOR.	298	300	1
RE'GNT STOR	172	300	1
SUPPLY STOR	147	300	1
STORAGE	63	300	1
B.B. STOR	220	300	1
REF. STOR.	452	300	2
SUB-TOTAL	1,352		
TOTAL (S.F.)			74
TOTAL OCCUPANCY (MAX)			74

OCCUPANT EXIT CAPACITY

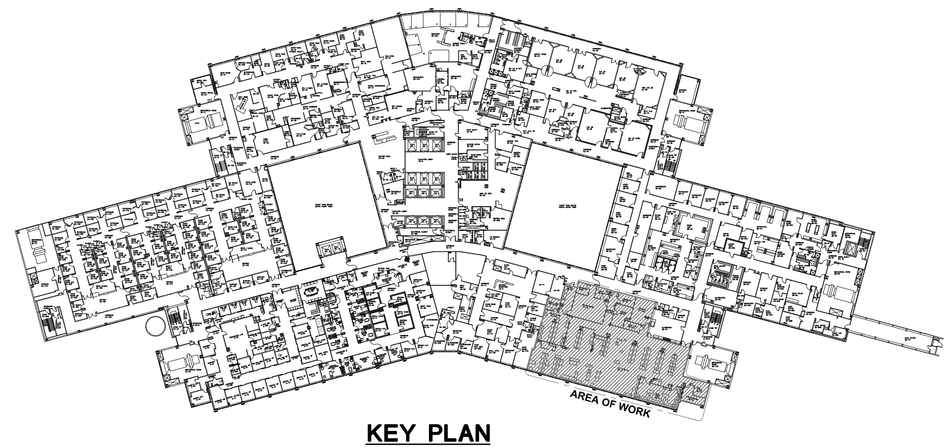
EXIT	DOOR WIDTH	INCHES/PERSON	OCCUPANTS
2.1	39"	0.2	165
2.2	81"	0.2	405
TOTALS	114"	0.2	570

LIFE SAFETY ANALYSIS

NFPA 101 - 2009 EDITION

1.	EXISTING BUILDING	TYPE II (222) CONSTRUCTION
2.	OCCUPANCY GROUP CHAPTER 18	NEW HEALTHCARE - EXISTING LABORATORY AND STORAGE
3.	TRAVEL DISTANCE TO EXITS SECTION 18.2.6.2.1	TRAVEL DISTANCE SHALL NOT EXCEED 200' (FULLY SPRINKLERED) MAX. TRAVEL DISTANCE : 184 FT
4.	DEAD END CORRIDORS SECTION 18.2.5.2	N/A
5.	COMMON PATH OF TRAVEL SECTION 18.2.5.3	98 FEET (MAX. PROPOSED)
6.	CORRIDORS - SECT. 18.2.5.6	N/A - 60in AISLES MIN. ALONG MEANS OF EGRESS PATH
7.	NUMBER OF EXITS SECTION 18.2.4.2	NOT LESS THAN TWO EXITS SHALL BE ACCESSIBLE FROM EVERY PART OF EVERY STORY.
8.	FIRE PROTECTION SYSTEM	A) THE PROJECT AREA IS ENTIRELY SPRINKLERED B) THE PROJECT AREA'S EXISTING FIRE ALARM IS TIED TO THE BUILDING SYSTEM C) PROJECT AREA FIRE HOSE RACK IN EGRESS STAIR D) FIRE EXTINGUISHERS PROVIDED AS SHOWN
9.	PROJECT AREA	LABORATORY: 6,784 GSF STORAGE: 1,352 GSF
10.	OCCUPANCY COUNT TABLE 7.3.1.2	SEE EGRESS CALCULATION TABLE
11.	EGRESS CAPACITY PERMITED SECTION 18.2.3.5	SEE EGRESS CALCULATION TABLE
12.	EGRESS CAPACITY PROVIDED	SEE EGRESS CALCULATION TABLE

NOTE:
RE-APPLY NEW SPRAY-ON 2-HR RATED FIREPROOFING (IN AREA OF WORK) ON ALL STRUCTURALS ELEMENTS THAT ARE EXPOSED OR DAMAGED DURING CONSTRUCTION. GC TO VERIFY EXTENT AND COORDINATE RE-APPLICATION WITH OWNER.



KEY PLAN
NOT TO SCALE

PLAN NORTH
ACTUAL NORTH

DESIGN APPROVED W/ COMMENT:	CONSULTANTS:		ARCHITECT/ENGINEERS:	Drawing Title	Project Title	Project Number
	LAN Associates ENGINEERING-PLANNING-ARCHITECTURE-SURVEYING, LLP 445 Godwin Avenue Midland Park, New Jersey 07432 Tel: (201) 447-6400 Fax: (201) 447-1233		NADASKAY KOPELSON ARCHITECTS ARCHITECTURE ENGINEERING PLANNING INTERIORS 95 WASHINGTON STREET MORRISTOWN, NJ 07960 T. (973) 539-5353 F. (973) 539-0616 114 JOHN STREET, New York, NY 10063 T. (212) 962-7900 F. (212) 962-8111	SECOND FLOOR PLAN - AREA 2B EGRESS PLAN SCALE: 1/8"=1'-0"	LABORATORY RENOVATION 100% CD SUBMISSION NK Job Number: 1925.400	526-09-122
				Approved: Project Director	Location: BRONX, NY	Building Number: 100
					Date: 03/09/11 Checked: BL Drawn: WT	Drawing Number: 2-AS0.11 Dwg. of

Office of Facilities Management
Department of Veterans Affairs

VA FORM 08-6231, OCT 1978