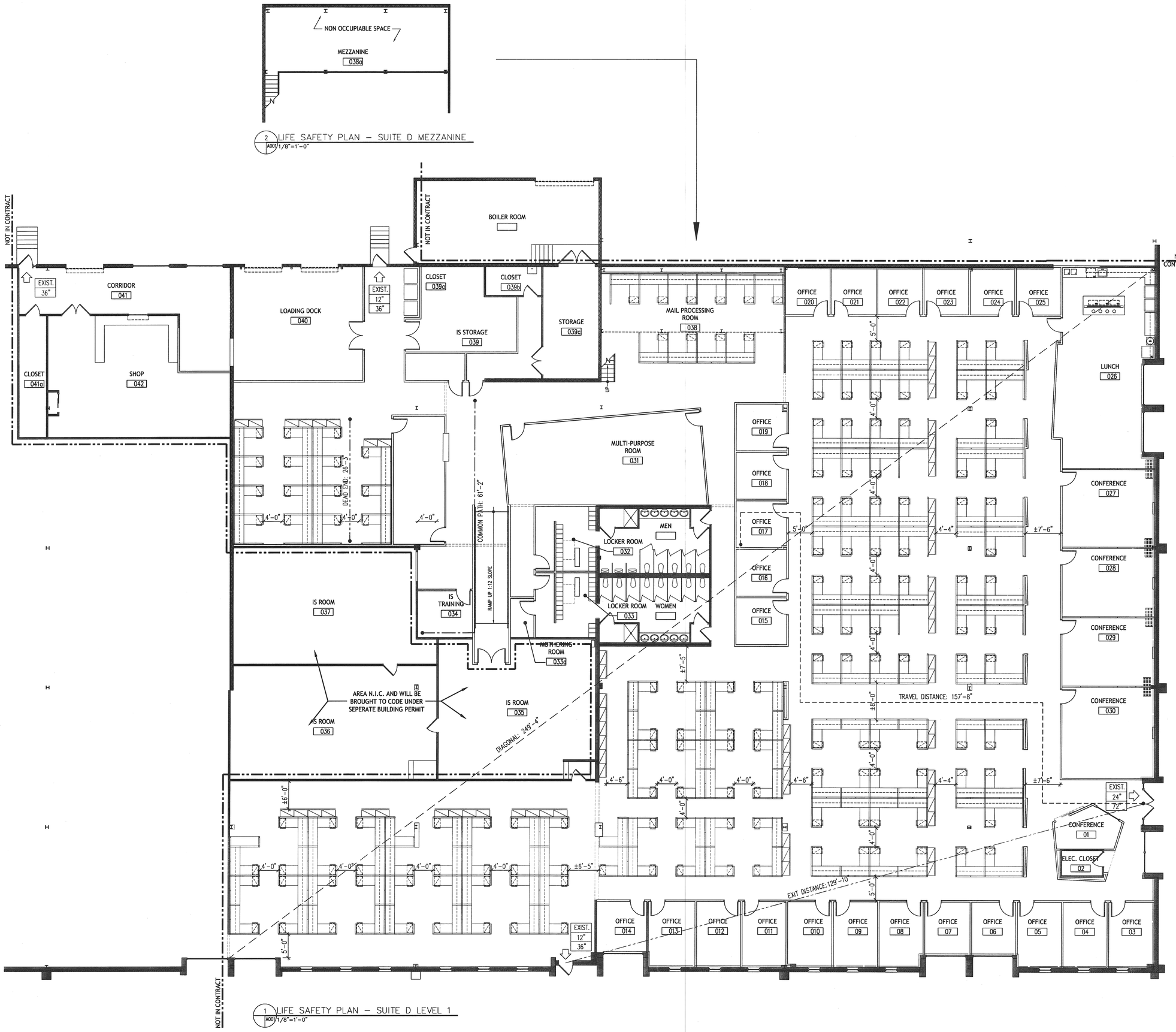

2 LIFE SAFETY PLAN – SUITE D MEZZANINE
A001 1/8"=1'-0"

1 LIFE SAFETY PLAN – SUITE D LEVEL 1
A001 1/8"=1'-0"

APPLICABLE CODES

BUILDING CODE:
INTERNATIONAL BUILDING CODE – 2003
AS ADAPTED BY THE ANNE ARUNDEL COUNTY CODE, ARTICLE 15, TITLE 2
ICC INTERNATION EXISTING BUILDING CODE – 2003
NFPA 1 UNIFORM FIRE CODE – 2006 EDITION
NFPA 101 LIFE SAFETY CODE – 2006 EDITION

ACCESSIBILITY CODES:
ICC ANSI A117.1 – 2003
MARYLAND ACCESSIBILITY CODE (COMAR, 05.02.02)
ADAAG

CODE REQUIREMENTS

OCCUPANCY CLASSIFICATION: – IBC 302.2
BUSINESS GROUP (B)

FIRE RESISTANCE RATINGS (WITH SPRINKLER):
IBC TABLE 602
FLOOR CONSTRUCTION 0HR
NON BEARING INTERIOR PARTITIONS – 0HR

FIRE RATED CONSTRUCTION (WITH SPRINKLER): – IBC 706
FIRE PARTITIONS
CORRIDOR WALLS – 0HR

MEANS OF EGRESS:
OCCUPANT LOAD – IBC TABLE 1004.1.2

FLOOR ONE (B): 100 GROSS
31,500sf / 100 = 315 OCCUPANTS
MEZZANINE (B): 100 GROSS
555sf / 100 = 5 OCCUPANTS
GROSS FLOOR AREA (B): 100 GROSS
32,055sf / 100 = 320 OCCUPANTS

MINIMUM REQUIRED EGRESS – IBC TABLE 1005.1
STAIRWAYS (.2in/ PERSON)
OPEN OFFICE: N/A
MEZZANINE: 1" – PROVIDED: 33"
OTHER THAN STAIRWAYS (.15in/ PERSON)
GROSS FLOOR AREA: 48" – PROVIDED: 144"

MAX. ALLOWABLE COMMON PATH OF TRAVEL – 100FT W/ SPRINKLER
(MAX. PROVIDED – 61'–2")
MIN. ALLOWABLW AISLE WIDTH – 44"
(MIN. PROVIDED – 48")

EXIT LOCATION EXCEPTION –1/3 OVERALL DIAGONAL W/AUTOMATIC SPRINKLER – IBC 1014.2.1
DIAGONAL – 249'–4"
1/3 DIAGONAL – 83'–1"
EXIT LOCATION DISTANCE –129'–10"
MAX. ALLOWABLE TRAVEL DISTANCE
USE GROUP B – 300FT W/ SPRINKLER
(MAX. PROVIDED – 157'–8")
MAX. DEAD END CORRIDOR – 50ft W/SPRINKLER
(MAX. PROVIDED – 26'–3")

SYMBOLS

- 36" / 36" — EGRESS MATRIX: REQUIRED WIDTH OF EGRESS ELEMENT / PROVIDED WIDTH OF EGRESS ELEMENT
- EXIT
- DEAD END
- COMMON PATH
- DIAGONAL = 294'–4" / 1/3 = 83'–1"
- TRAVEL DISTANCE
- EXIT DISTANCE = 129'–10"
- 1–HOUR FIRE RATED/ SMOKE PARTITION

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ISSUED FOR	DATE
BID SET	07.07.2011
PERMIT	07.15.2011

CONSULTANT

OWNER / DEVELOPER
Johns Hopkins Healthcare
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Glen Burnie, MD 20160

PROJECT NAME
Johns Hopkins Healthcare Masterplan

PROJECT ADDRESS
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Suite D
Glen Burnie, MD 20160
PROJECT MANAGEMENT
DCI Project No. 459-10-01

SEAL
"I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, License No. 9684 ,expiration date 09/11 "
By: Fred S. Marino, AIA Date: 07.15.2011
Design Collective Inc.
ARCHITECT No. 9684 Fred Marino STATE OF MARYLAND

SHEET TITLE
LIFE SAFETY PLAN – SUITE D LEVEL 1

SCALE
1/8" = 1'-0"

SHEET NUMBER
A001