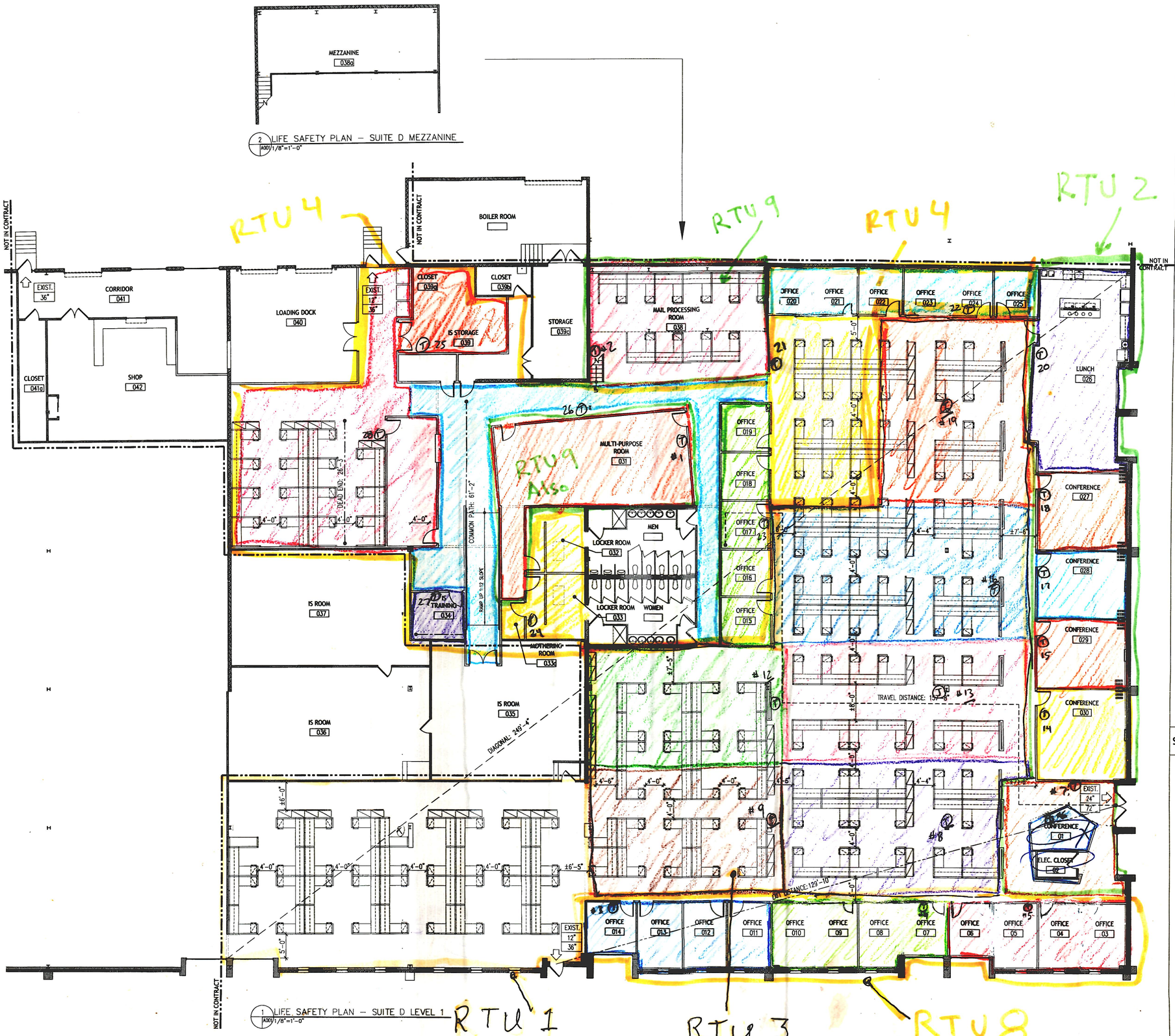

APPLICABLE CODES

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

CONSULTANT

OWNER / DEVELOPER
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PROJECT NAME
Johns Hopkins Healthcare Masterplan

PROJECT ADDRESS
6701 Curtis Court
Suite D
Glen Burnie, MD 20160

PROJECT MANAGEMENT
DCI Project No. 459-10-01

SEAL

SHEET TITLE
LIFE SAFETY PLAN - SUITE D LEVEL 1

SCALE
1/8" = 1'-0"

SHEET NUMBER
A001