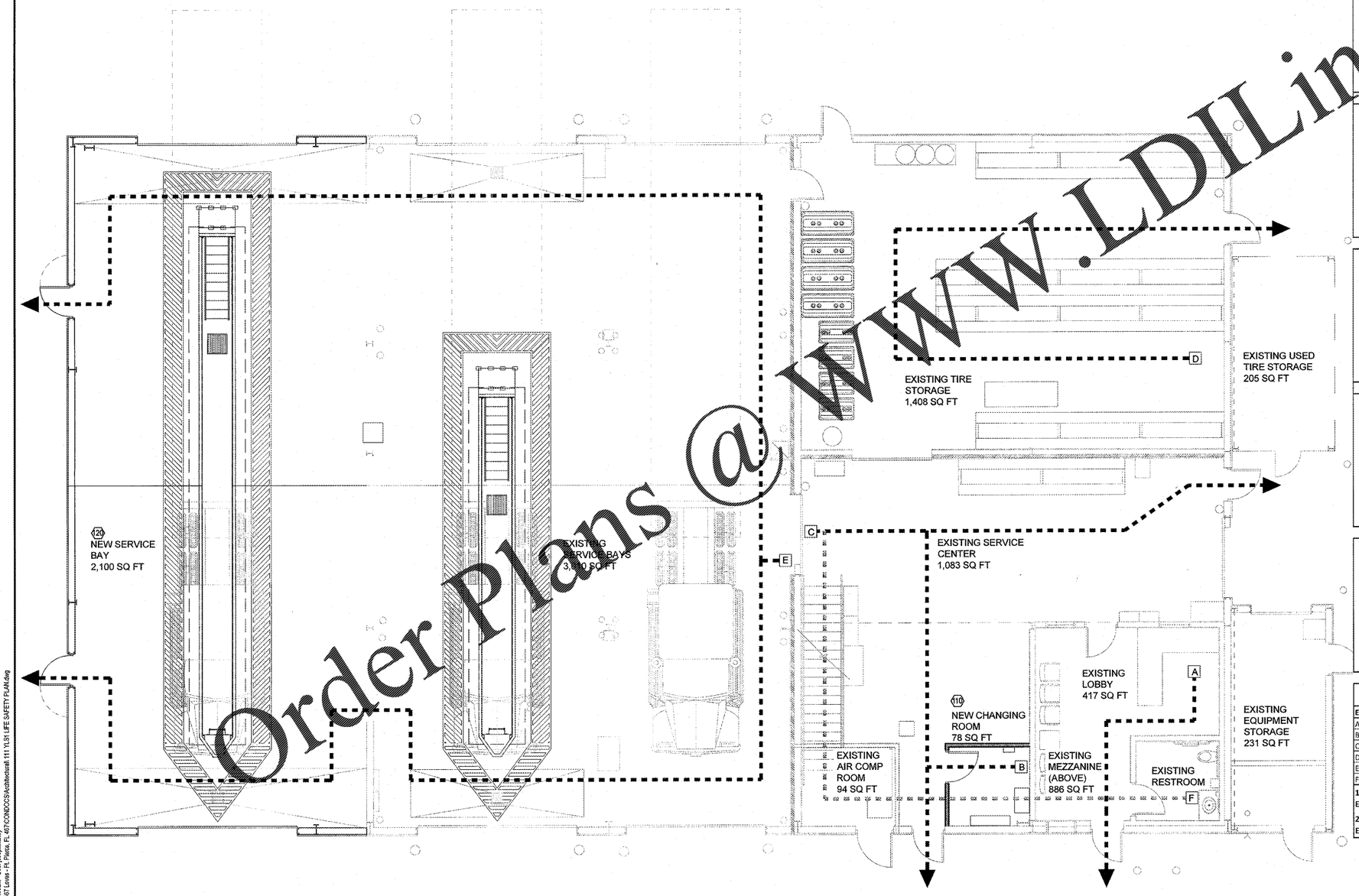

1 EGRESS PLAN
SCALE: 3/16" = 1'-0"

LEGEND

36" PATH OF TRAVEL

36" WIDE PATH OF TRAVEL FROM MEZZANINE

Egress Area & Occupant Load Calculations

Area A

Occupant Load Calculation Per IBC 1004.1.2 Table:
Lobby Area = 417 SF
417 SF @ 100 SF GROSS = 5 Occupants
Total Occupant Load For Area (A)= 5 Occupants

Egress Width Required Per IBC 1005.3:
0.2 Inches Per Occupant @ 5 Occupants = 1 Inches
Total Inches Req'd For Area (A)= 1 Inches Required

Egress Width Provided:
1 Door(s) @ 32 inches = 32 Inches
Total Inches Provided For Area (A)= 32 Inches Provided

Area B

Occupant Load Calculation Per IBC 1004.1.2 Table:
Changing Room Area= 78 SF
78 SF @ 50 SF GROSS = 2 Occupants
Total Occupant Load For Area (B)= 2 Occupants

Egress Width Required Per IBC 1005.3:
0.2 Inches Per Occupant @ 2 Occupants = 0.4 Inches
Total Inches Req'd For Area (B)= 0.4 Inches Required

Egress Width Provided:
1 Door(s) @ 32 inches = 32 Inches
Total Inches Provided For Area (B)= 32 Inches Provided

Area C

Occupant Load Calculation Per IBC 1004.1.2 Table:
Service Area= 1,083 SF
1083 SF @ 300 SF GROSS = 4 Occupants
Total Occupant Load For Area (C)= 4 Occupants

Egress Width Required Per IBC 1005.3:
0.2 Inches Per Occupant @ 4 Occupants = 0.8 Inches
Total Inches Req'd For Area (C)= 0.8 Inches Required

Egress Width Provided:
2 Door(s) @ 32 inches = 64 Inches
Total Inches Provided For Area (C)= 64 Inches Provided

Area D

Occupant Load Calculation Per IBC 1004.1.2 Table:
Tire Storage Area= 1,408 SF
1408 SF @ 300 SF GROSS = 5 Occupants
Total Occupant Load For Area (D)= 5 Occupants

Egress Width Required Per IBC 1005.3:
0.2 Inches Per Occupant @ 5 Occupants = 1 Inches
Total Inches Req'd For Area (D)= 1 Inches Required

Egress Width Provided:
2 Door(s) @ 32 inches = 64 Inches
Total Inches Provided For Area (D)= 64 Inches Provided

Area E

Occupant Load Calculation Per IBC 1004.1.2 Table:
Service Bay Area = 5,110 SF
5,110 SF @ 300 SF GROSS = 18 Occupants
Total Occupant Load For Area (E)= 18 Occupants

Egress Width Required Per IBC 1005.3:
0.2 Inches Per Occupant @ 18 Occupants = 3.6 Inches
Total Inches Req'd For Area (E)= 3.6 Inches Required

Egress Width Provided:
2 Door(s) @ 32 inches = 64 Inches
Total Inches Provided For Area (E)= 64 Inches Provided

Area F

Occupant Load Calculation Per IBC 1004.1.2 Table:
Mezzanine Area = 886 SF
886 SF @ 300 SF GROSS = 3 Occupants
Total Occupant Load For Area (F)= 3 Occupants

Egress Width Required Per IBC 1005.3:
0.2 Inches Per Occupant @ 3 Occupants = 0.6 Inches
Total Inches Req'd For Area (F)= 0.6 Inches Required

Egress Width Provided:
2 Door(s) @ 32 inches = 64 Inches
Total Inches Provided For Area (F)= 64 Inches Provided

Egress Path

Exit Path	Exit Travel Distance
A	28'-0"
B	19-0"
C	46'-0"
D	80'-0"
E	124'-0"
F	45'-0"

1. ALL EXISTING EGRESS PATHS, FIRE RATING, EMERGENCY LIGHTING AND SIGNS, FIRE EXTINGUISHERS, AND PLUMBING FIXTURES ARE TO REMAIN UNTOUCHED.
2. ALL EGRESS DOORS SHALL BE READILY OPENABLE WITH LEVER STYLE HANDLE FROM THE EGRESS SIDE WITHOUT USE OF A KEY OR SPECIAL KNOWLEDGE.

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SPEEDCO REBRANDING & LIGHT MECHANICAL ADDITION
PROJECT NUMBER: 03-19-60467

Love's
Travel Stop & Country Stores

STATE OF FLORIDA
JAMI MARIE COOK
AR99512
REGISTERED ARCHITECT

MAY 2 2019

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