

5TH FLOOR TERRACE OCCUPANT LOAD CALCULATION

TERRACE OCCUPANT LOAD						
OCCUPANCY GROUP	FUNCTION OF SPACE	AREA	SF PER OCCUPANT	CALCULATED OCCUPANT LOAD	DESIGNED OCCUPANT LOAD	NOTE
A-2	FIXED SEATING	153 SF	0	4	4	PER SEAT COUNT
A-2	FIXED SEATING	213 SF	0	8	8	PER SEAT COUNT
A-2	FIXED SEATING	246 SF	0	6	6	PER SEAT COUNT
A-2	FIXED SEATING	304 SF	0	10	10	PER SEAT COUNT
A-2	FIXED SEATING	251 SF	0	4	4	PER SEAT COUNT
A-2	FIXED SEATING	238 SF	0	4	4	PER SEAT COUNT
A-2	FIXED SEATING	1084 SF	0	45	45	PER SEAT COUNT
A-2	FIXED SEATING	182 SF	0	8	8	PER SEAT COUNT
A-2	FIXED SEATING	212 SF	0	8	8	PER SEAT COUNT
A-2	MAINTENANCE ACCESS	309 SF	0	0	0	NON-OCCUPYABLE
A-2	PAVED CIRCULATION	1514 SF	100	15	16	PER AREA
A-2	PAVED CIRCULATION	1998 SF	100	19	20	PER AREA
A-2	PAVED CIRCULATION	598 SF	100	5	6	PER AREA
A-2	RAISED LAWN	2449 SF	50	48	49	PER AREA
A-2	RAISED PLANTING	4914 SF	0	0	0	NON-OCCUPYABLE
A-2	SEDUM GREENROOF	87 SF	0	0	0	NON-OCCUPYABLE
A-2	SEDUM GREENROOF	38 SF	0	0	0	NON-OCCUPYABLE
				188		

THE ACTUAL OCCUPANT LOAD SHALL BE THE MOST STRINGENT OF EITHER THE DESIGNED OR CALCULATED OCCUPANCIES LISTED IN THE COLUMNS ABOVE.

THE EGRESS CAPACITY FROM THE TENANT OCCUPIED PORTION OF THIS FLOOR (1,059 PERSONS) IS GREATER THAN THE PROPOSED TENANT OCCUPANT LOAD (1,019 PERSONS, INCLUDING 188 PERSONS TERRACE OCCUPANT LOAD).

EGRESS CAPACITY CALCULATIONS (SECTION 1005.3)

EGRESS CAPACITY - FLOOR 05						
EXIT NUMBER	DOOR	CAPACITY	DOOR 2	CAPACITY	STAIR	TOTAL FLOOR EXIT CAPACITY
STAR A	2'-9"	165	0'-0"	0	4'-2 1/2"	168
STAR B	2'-9"	165	0'-0"	0	4'-2 1/2"	168
STAR C	5'-7"	330	0'-0"	0	7'-9"	310
STAR D	3'-0"	180	2'-11"	125	5'-3"	210
STAR E	3'-1"	185	0'-0"	0	5'-3"	210
STAR F	3'-1"	185	0'-0"	0	5'-3"	210
STAR H	5'-0 1/2"	302	2'-9"	165	7'-7 1/2"	292
STAR I	5'-0 1/2"	302	0'-0"	0	7'-7"	303
						1778

EGRESS FROM TENANT SPACE EGRESSES EXCLUSIVELY THROUGH STAIRS D, E, F, H, AND I. CAPACITY OF STAIR D IS SHARED WITH BUILDING TERRACE AREA, WHICH EGRESSES 80 PERSONS THROUGH THAT STAIR. THE TOTAL EGRESS CAPACITY FROM TENANT SPACE IS 1,059 PERSONS.

ROOF TERRACE EGRESS CAPACITY CALC (SECTION 1005.3)

EGRESS CAPACITY - FLOOR 05 TERRACE						
EXIT NUMBER	DOOR	CAPACITY	DOOR 2	CAPACITY	STAIR	TOTAL FLOOR EXIT CAPACITY
MAIN EXIT	6'-0"	360	0'-0"	0	0'-0"	360
STAR D	3'-0"	180	3'-4"	200	5'-3"	210
STAR H	5'-0 1/2"	302	2'-9"	165	7'-7 1/2"	292
						757

- EGRESS FROM TENANT TERRACE SPACE EGRESSES EXCLUSIVELY THROUGH STAIRS D, H AND MAIN EXIT AT BUILDING ENVELOPE INTO TENANT INTERIOR SPACE.
- MAIN EXIT EGRESS CAPACITY (360 PERSONS) IS GREATER THAN 2/3 OF TOTAL TERRACE OCCUPANT LOAD (188 PERSONS).
- THE TOTAL EGRESS CAPACITY FROM TENANT TERRACE SPACE IS 757 PERSONS.
- CAPACITY OF STAIR D IS SHARED WITH BUILDING TERRACE AREA, WHICH EGRESSES 80 PERSONS THROUGH THAT STAIR.

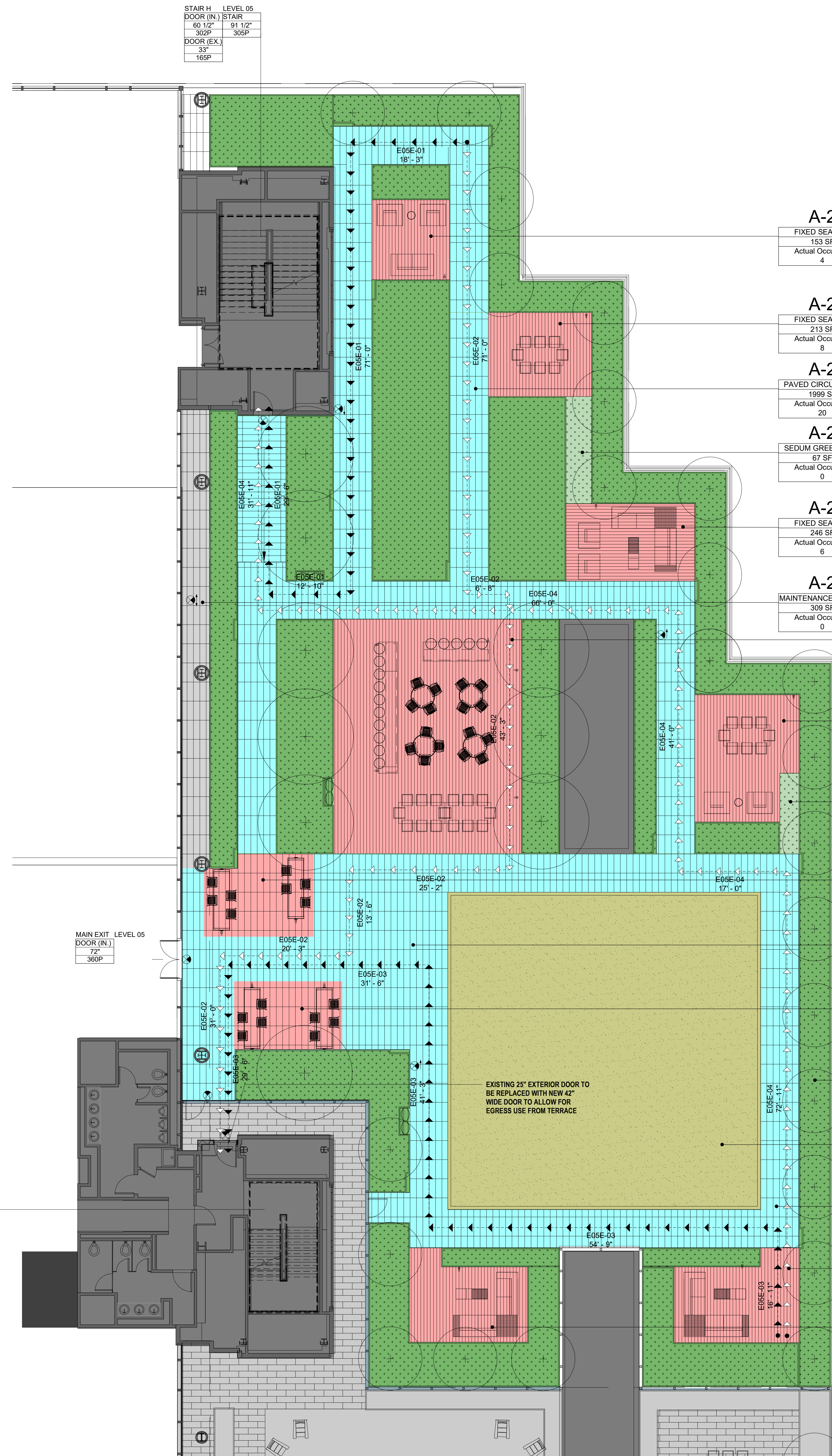
TRAVEL DISTANCE CALCULATIONS

TABLE 1006.2.1 (BUILDINGS WITH SPRINKLER SYSTEM)	TABLE 1017.2 (BUILDINGS WITH SPRINKLER SYSTEM)
MAXIMUM COMMON PATH OF EGRESS TRAVEL	MAXIMUM EXIT ACCESS TRAVEL DISTANCE
OCCUPANCY GROUP A = 75'-0"	OCCUPANCY GROUP A = 250'-0"
OCCUPANCY GROUP B = 100'-0"	OCCUPANCY GROUP B = 300'-0"

LIFE SAFETY - EGRESS PATHS - FLOOR 05 - TERRACE			
PATH	TRAVEL DISTANCE	COMMON PATH	COMPLIES
EDGE-01	131'-7"	71'-0"	YES
EDGE-02	210'-10"	71'-0"	YES
EDGE-03	174'-0"	16'-11"	YES
EDGE-04	228'-10"	16'-11"	YES

STAR D LEVEL 05
DOOR (N) STAIR
63"
180"
216"
DOOR (EX)
40"
208"

80P FROM TERRACE WILL USE STAIR D



- A-2
FIXED SEATING
153 SF
Actual Occupants 4
- A-2
FIXED SEATING
213 SF
Actual Occupants 8
- A-2
PAVED CIRCULATION
1999 SF
Actual Occupants 20
- A-2
SEDUM GREENROOF
87 SF
Actual Occupants 0
- A-2
FIXED SEATING
246 SF
Actual Occupants 6
- A-2
MAINTENANCE ACCESS
309 SF
Actual Occupants 0
- A-2
FIXED SEATING
1084 SF
Actual Occupants 45
- A-2
FIXED SEATING
182 SF
Actual Occupants 8
- A-2
SEDUM GREENROOF
38 SF
Actual Occupants 0
- A-2
FIXED SEATING
212 SF
Actual Occupants 8
- A-2
PAVED CIRCULATION
598 SF
Actual Occupants 6
- A-2
FIXED SEATING
251 SF
Actual Occupants 4
- A-2
RAISED LAWN
2449 SF
Actual Occupants 49
- A-2
PAVED CIRCULATION
1514 SF
Actual Occupants 16
- A-2
FIXED SEATING
238 SF
Actual Occupants 4
- A-2
FIXED SEATING
255 SF
Actual Occupants 4

LEGEND

- CEILING MOUNTED EXIT SIGN
- WALL MOUNTED EXIT SIGN
- EXISTING CONSTRUCTION TO REMAIN
- NEW PARTITION
- 1 HR. RATED PARTITION
- 2 HR. RATED PARTITION
- 3 HR. RATED PARTITION
- SMOKE PARTITION
- LIFE SAFETY PATH - PRIMARY
- LIFE SAFETY PATH - SECONDARY

Occupancy Type

Area Name	150 SF
Actual Occupants	Actual Occupant

WORLD WRESTLING ENTERTAINMENT, INC.

677 WASHINGTON BOULEVARD
STAMFORD, CT 06901

Gensler

1700 Broadway
Suite 400
New York, NY 10019
United States

THORNTON TOMASETTI
STRUCTURAL ENGINEER
120 BROADWAY
NEW YORK, NY 10021
Tel: 212.637.7542

ONE LUX STUDIO
LIGHTING DESIGNER
138 WEST 29TH STREET
10TH FLOOR
NEW YORK, NY 10001
Tel: 212.201.5790

TM TECHNOLOGY PARTNERS
IT DESIGN CONSULTANT
825 EIGHTH AVENUE
NEW YORK, NY 10019
Tel: 212.398.2424

ACOUSTIC DISTINCTIONS
CONSULTANT
60 EAST 42ND STREET
NEW YORK, NY 10016
Tel: 212.764.0218

DAVELLA STUDIOS
FOOD SERVICE CONSULTANT
205 EAST 42ND STREET
20TH FLOOR
NEW YORK, NY 10017
Tel: 212.500.0565

MFPF
LANDSCAPE ARCHITECT
120 BROADWAY
20TH FLOOR
NEW YORK, NY 10021
Tel: 212.477.6366

GILSANZ MURRAY
STECKER LLP
ENVELOPE CONSULTANT
129 WEST 27TH STREET
5TH FLOOR
NEW YORK, NY 10001
Tel: 212.254.0030

Date	Description
06.18.2021	PHASE 2 - TERRACE - ISSUE FOR BID & PERMIT

Seal / Signature

Project Name
WWE HQ

Project Number
06.3507.000

Description
LIFE SAFETY PLAN - FLOOR 05 - TERRACE

Scale
1/8" = 1'-0"

A0.85E

01 LIFE SAFETY PLAN - LEVEL 05 - TERRACE

SCALE: 1/8" = 1'-0"

KEY PLAN

