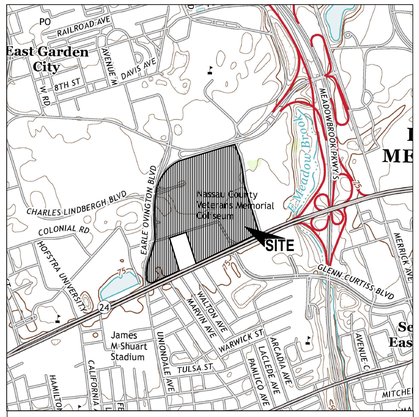
Appendix 3.10-2

Life Safety Plans

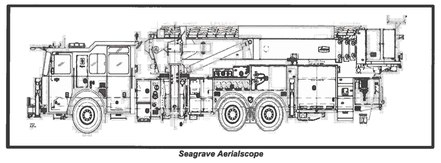


LOCATION MAP

SCALE 1" = 1,500'±

N

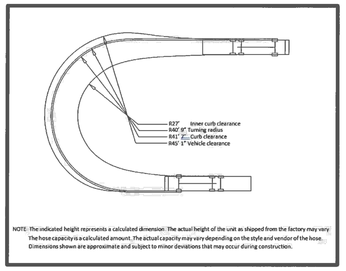
95' AERIALSCOPE



Seagrave Aerialscope

Maximum Working Height ..... 95'
Height to Bottom of Platform ..... 8.7'
Horizontal Reach with Booms Extended ..... 82'
Boom Arc of Travel ..... Approximately 80°
Rotation ..... Continuous (360°)
Platform Capacity in All Positions ..... 1000 Pounds *
Maximum Lateral Outrigger Spread (edge of pad to edge of pad) ..... 20.75'
Maximum Lateral Jack Spread (edge of pad to edge of pad) ..... 8'
Maximum Longitudinal Jack Spread (edge of pad to edge of pad) ..... 33' **
Platform Size (inside of frame) ..... 43' x 71"
Maximum Length ..... 47' ***
Maximum Height ..... 11'4" ****
Maximum Width ..... 102" (8.5')

** Platform capacity may be de-rated depending on optional equipment that is mounted.*
*** Jack spread will vary depending on style and make of chassis used.*
**** Length of truck will vary depending on style and make of chassis and optional equipment.*
***** Height of truck will vary depending on optional mounted equipment.*



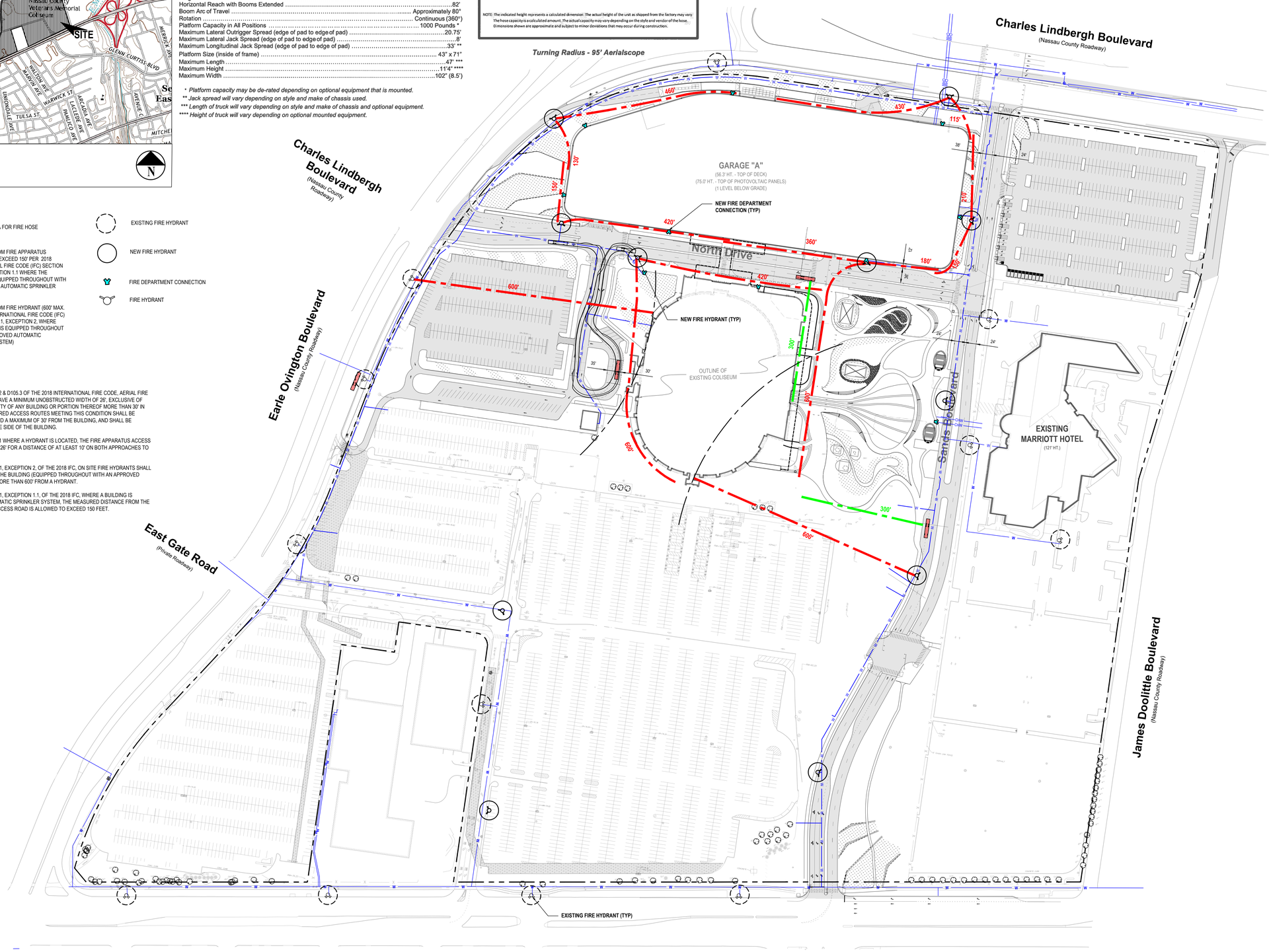
Turning Radius - 95' Aerialscope

LEGEND

- STAGING AREA FOR FIRE HOSE
- HOSE RUN FROM FIRE APPARATUS (ALLOWED TO EXCEED 150' PER 2018 INTERNATIONAL FIRE CODE (IFC) SECTION 503.1.1, EXCEPTION 1.1 WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM)
- HOSE RUN FROM FIRE HYDRANT (600' MAX. PER 2018 INTERNATIONAL FIRE CODE (IFC) SECTION 507.5.1, EXCEPTION 2, WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM)
- W — WATER MAIN
- EXISTING FIRE HYDRANT
- NEW FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- FIRE HYDRANT

GENERAL NOTES:

1. IN ACCORDANCE WITH SECTION D105.2 & D105.3 OF THE 2018 INTERNATIONAL FIRE CODE, AERIAL FIRE APPARATUS ACCESS ROADS SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 26', EXCLUSIVE OF SHOULDERS, IN THE IMMEDIATE VICINITY OF ANY BUILDING OR PORTION THEREOF MORE THAN 30' IN HEIGHT. AT LEAST ONE OF THE REQUIRED ACCESS ROUTES MEETING THIS CONDITION SHALL BE LOCATED WITHIN A MINIMUM OF 15' AND A MAXIMUM OF 30' FROM THE BUILDING, AND SHALL BE POSITIONED PARALLEL TO ONE ENTIRE SIDE OF THE BUILDING.
2. IN ACCORDANCE WITH SECTION D103.1 WHERE A HYDRANT IS LOCATED, THE FIRE APPARATUS ACCESS ROAD SHALL BE A MINIMUM WIDTH OF 26' FOR A DISTANCE OF AT LEAST 10' ON BOTH APPROACHES TO THE HYDRANT.
3. IN ACCORDANCE WITH SECTION 507.5.1, EXCEPTION 2, OF THE 2018 IFC, ON SITE FIRE HYDRANTS SHALL BE PROVIDED WHERE A PORTION OF THE BUILDING (EQUIPPED THROUGHOUT WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM) IS MORE THAN 600' FROM A HYDRANT.
4. IN ACCORDANCE WITH SECTION 503.1.1, EXCEPTION 1.1, OF THE 2018 IFC, WHERE A BUILDING IS EQUIPPED WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM, THE MEASURED DISTANCE FROM THE BUILDING TO THE FIRE APPARATUS ACCESS ROAD IS ALLOWED TO EXCEED 150 FEET.



GRAPHIC SCALE
100 0 50 100
(IN FEET)
1 inch = 100 ft.

1-800-272-4480
New York811
Know what's below
Call 811 before you dig
www.newyork-811.com

H2M architects + engineers
538 Broad Hollow Road, 4th Floor East
Melville, NY 11747
631.756.8000 • www.h2m.com

CONSULTANTS:

MARK	DATE	DESCRIPTION

R. JOEL RICHARDSON, P.E. 12/31/2026 EXP. DATE
NY PROFESSIONAL ENGINEER Lic. No. 096879
THIS DOCUMENT IS ITEM(S) OF INSTRUMENT OF PROFESSIONAL SERVICE PROPERTY OF H2M ARCHITECTS + ENGINEERS, PLLC

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
JMT	JMT/MRO	BJM	RJR
PROJECT No.: LVSC 2301	DATE: 10/05/2024	SCALE: AS SHOWN	

CLIENT
Las Vegas Sands Corp.

Sands New York

Sands NEW YORK

1255 Hempstead Turnpike, Uniondale, NY 11553

NCTM: Sec. 44, Block F, Lots 351, 401, 402, 411, 412, & 415

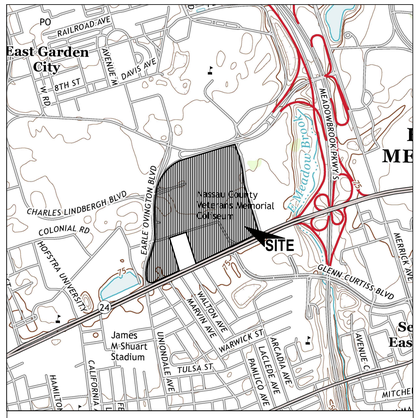
CONTRACT

STATUS
REGULATORY REVIEW

SHEET TITLE
NASSAU COUNTY FIRE MARSHAL LIFE SAFETY SITE PLAN - PHASE 1

DRAWING No.
LSP - P1

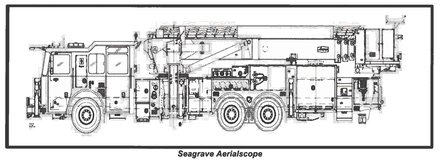
X:\LVSC-Las Vegas Sands\LVSC2301 | Nassau | Hub\02-BIM CAD\Civil\-Doc\civil\CORRESPONDENCE\DRAWINGS\LIFE SAFETY PLAN PHASE 1.dwg Last Modified: Apr 22, 2024 - 4:25pm Plotted on: Oct 8, 2024 - 3:37pm By: mmorin



LOCATION MAP

SCALE 1" = 1,500'±

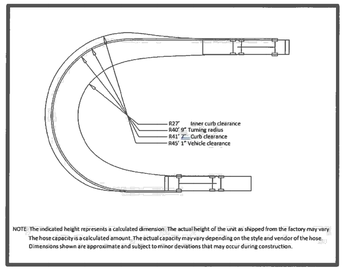
95' AERIALSCOPE



Seagrave Aerialscope

Maximum Working Height ..... 95'
Height to Bottom of Platform ..... 8.7'
Horizontal Reach with Booms Extended ..... 82'
Boom Arc of Travel ..... Approximately 80°
Rotation ..... Continuous (360°)
Platform Capacity in All Positions ..... 1000 Pounds *
Maximum Lateral Outrigger Spread (edge of pad to edge of pad) ..... 20.75'
Maximum Lateral Jack Spread (edge of pad to edge of pad) ..... 8'
Maximum Longitudinal Jack Spread (edge of pad to edge of pad) ..... 33' **
Platform Size (inside of frame) ..... 43' x 71'
Maximum Length ..... 47' ***
Maximum Height ..... 11'4" ****
Maximum Width ..... 102" (8.5')

** Platform capacity may be de-rated depending on optional equipment that is mounted.*
*** Jack spread will vary depending on style and make of chassis used.*
**** Length of truck will vary depending on style and make of chassis and optional equipment.*
***** Height of truck will vary depending on optional mounted equipment.*



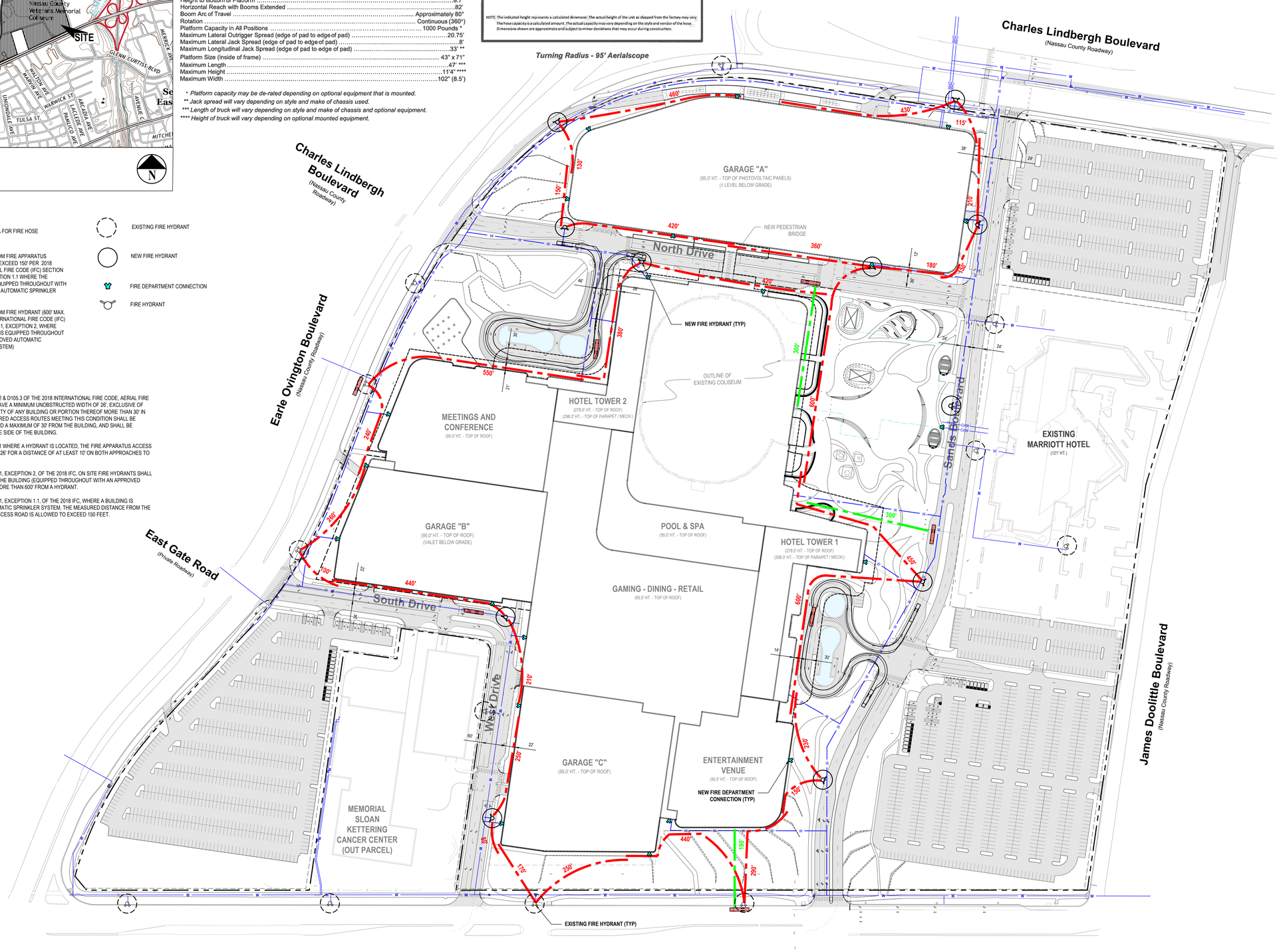
Turning Radius - 95' Aerialscope

LEGEND

- STAGING AREA FOR FIRE HOSE
- HOSE RUN FROM FIRE APPARATUS (ALLOWED TO EXCEED 150' PER 2018 INTERNATIONAL FIRE CODE (IFC) SECTION 503.1.1, EXCEPTION 1.1 WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM)
- HOSE RUN FROM FIRE HYDRANT (600' MAX. PER 2018 INTERNATIONAL FIRE CODE (IFC) SECTION 507.5.1, EXCEPTION 2, WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM)
- W — WATER MAIN
- EXISTING FIRE HYDRANT
- NEW FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- FIRE HYDRANT

GENERAL NOTES:

1. IN ACCORDANCE WITH SECTION D105.2 & D105.3 OF THE 2018 INTERNATIONAL FIRE CODE, AERIAL FIRE APPARATUS ACCESS ROADS SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 26', EXCLUSIVE OF SHOULDERS, IN THE IMMEDIATE VICINITY OF ANY BUILDING OR PORTION THEREOF MORE THAN 30' IN HEIGHT. AT LEAST ONE OF THE REQUIRED ACCESS ROUTES MEETING THIS CONDITION SHALL BE LOCATED WITHIN A MINIMUM OF 15' AND A MAXIMUM OF 30' FROM THE BUILDING, AND SHALL BE POSITIONED PARALLEL TO ONE ENTIRE SIDE OF THE BUILDING.
2. IN ACCORDANCE WITH SECTION D103.1 WHERE A HYDRANT IS LOCATED, THE FIRE APPARATUS ACCESS ROAD SHALL BE A MINIMUM WIDTH OF 26' FOR A DISTANCE OF AT LEAST 10' ON BOTH APPROACHES TO THE HYDRANT.
3. IN ACCORDANCE WITH SECTION 507.5.1, EXCEPTION 2, OF THE 2018 IFC, ON SITE FIRE HYDRANTS SHALL BE PROVIDED WHERE A PORTION OF THE BUILDING (EQUIPPED THROUGHOUT WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM) IS MORE THAN 600' FROM A HYDRANT.
4. IN ACCORDANCE WITH SECTION 503.1.1, EXCEPTION 1.1, OF THE 2018 IFC, WHERE A BUILDING IS EQUIPPED WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM, THE MEASURED DISTANCE FROM THE BUILDING TO THE FIRE APPARATUS ACCESS ROAD IS ALLOWED TO EXCEED 150 FEET.



H2M architects + engineers
538 Broad Hollow Road, 4th Floor East
Melville, NY 11747
631.756.8000 • www.h2m.com

CONSULTANTS:

MARK	DATE	DESCRIPTION

R. JOEL RICHARDSON, P.E. — 12/31/2026 EXP. DATE
NY PROFESSIONAL ENGINEER Lic. No. 086670

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
JMT	JMT/MRO	BJM	RJR

PROJECT No.:	DATE:	SCALE
LVSC 2301	10/05/2024	AS SHOWN

CLIENT
Las Vegas Sands Corp.

Sands New York

1255 Hempstead Turnpike, Uniondale, NY 11553

NCTM: Sec. 44, Block F, Lots 351, 401, 402, 411, 412, & 415

CONTRACT

STATUS
REGULATORY REVIEW

SHEET TITLE
NASSAU COUNTY FIRE MARSHAL LIFE SAFETY SITE PLAN - PHASE 2

DRAWING No.
LSP - P2

X:\LVSC-Las Vegas Sands\LVSC2301 (Nassau Hub)\02-BIM-CADD\Civil\CORRESPONDENCE DRAWINGS\LIFE SAFETY PLAN.dwg Last Modified: Apr 23, 2024 - 9:08am Plotted on: Oct 17, 2024 - 2:07pm By: robben