THE FOLLOWING CODES AND REFERENCES WERE USED FOR THIS PROJECT:

- 2020 NEW YORK STATE BUILDING CODE
- ASCE 7-16 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
- ALUMINUM ASSOCIATION ALUMINUM DESIGN MANUAL 2015
- AISC STEEL CONSTRUCTION MANUAL 14TH ED.

**STRUCTURES NOT INTENDED OR WARRANTED TO RESIST LOADS IN EXCESS OF THOSE OUTLINED BELOW, LOADS IN EXCESS OF THE DESIGN LOADS BELOW ARE TO BE MANAGED PER THE HIGH WIND ACTION PLAN AND SNOW MANAGEMENT PLAN PROVIDED.

DESIGN CRITERIA

II3 MPH
0.75
113x0.75 = 85 MP
40 MPH
В
II
0.57
0.85
+/- 0.00
O DEGREES
I.2 / -I.I
9 PSF
3 PSF
25 PSF
o PSF

ALL ALUMINUM COMPONENTS ARE 6061-T6

GENERAL STRUCTURAL NOTES:

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE PRIOR TO STARTING CONSTRUCTION. THE ARCHITECT/ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES AND/OR INCONSISTENCIES WITH ANY OF THE WORK INVOLVED.
- THE CONTRACT STRUCTURAL DOCUMENTS REPRESENT THE FINISHED STRUCTURE, UNLESS INDICATED OTHERWISE. THE CONTRACTOR IS RESPONSIBLE FOR METHOD OF CONSTRUCTION AND IS RESPONSIBLE FOR THE SAFETY OF WORKERS, AND PROTECTION OF EXISTING STRUCTURES.
- IN THE EVENT OF DISCREPANCY BETWEEN ANY PROVISION OF THESE DOCUMENTS, DRAWINGS AND SPECIFICATIONS, THE MOST STRINGENT SHALL APPLY.

HIGH WIND ACTION PLAN

WIND SPEED: ACTION TO BE TAKEN WHEN WIND SPEEDS ARE EITHER MEASURED ON SITE, FORECAST WITH A DEGREE OF CERTAINTY, OR EXPECTED TO EXCEED THE BELOW THRESHOLDS. SHOULD THE ACTION ITEMS BE UNABLE TO BE PERFORMED SAFELY AND IN A TIMELY FASHION AS DETERMINED BY SITE MANAGEMENT, EVACUATE ALL STRUCTURES AT 40 MPH MEASURED/REPORTED WIND SPEED.

		<u>25 MPH (16)</u>	<u>30 MPH (20)</u>	<u>35 MPH (23)</u>	<u>40 MPH (27)</u>
SHADE STRUCTURE	ROOF SKIN	RESPONSIBLE CREW PUT ON ALERT. SECURE LOOSE ITEMS	REMOVE AND SECURE WALL SKINS	REMOVE AND SECURE ROOF SKIN	REMOVE ROOF SKIN, EVACUATE ALL PERSONS MIN. 200 FT FROM STRUCTURE

- . AN ANEMOMETER IS TO BE INSTALLED AT THE HIGHEST POINT OF THE STRUCTURE TO MONITOR THE ON-SITE CONDITIONS.
- 2. WEATHER REPORTS MUST BE MONITORED DURING THE INSTALLATION OF THIS STRUCTURE.
- 3. INSTALLATION MUST BE REMOVED AND STOWED WITH THE THREAT OF SEVERE WEATHER (I.E. TROPICAL STORM OR HURRICANE EVENT)
- 4. STRUCTURES MUST BE BALLASTED AND ANCHORED PER STRUCTURE PLANS.
 5. WIND SPEEDS NOTED ARE FOR 3-SECOND GUST MEASUREMENT. ESTIMATED SUSTAINED WIND SPEEDS IN PARENTHESES.
- 6. STRUCTURE MANAGEMENT PLAN SHALL BE DEVELOPED INCORPORATING THE ABOVE ENVIRONMENTAL THRESHOLDS/ACTIONS AS WELL AS THE PARTIES RESPONSIBLE FOR MONITORING THE WEATHER, IMPLEMENTING THE HWAP, PERFORMING THE ACTION ITEMS, EVACUATION PROCEDURES, SAFETY ZONES, STANDOFF DISTANCES (WITHIN THE PROPERTY LINE), PLANS TO PREVENT WIND-BORN DEBRIS, AND VERIFICATION THAT THESE PROCEDURES DO NOT ADVERSELY IMPACT OTHER STRUCTURES.

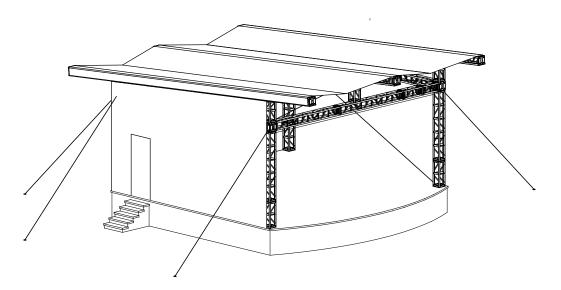
SNOW MANAGEMENT PLAN

FORECAST OF POTENTIAL WINTER WEATHER SHALL BE MONITORED THROUGH THE USE OF A WEATHER SERVICE. IN THE EVENT OF FORECAST SNOW ACCUMULATION, CERTAIN ACTIONS MUST BE TAKEN TO MAINTAIN STRUCTURAL INTEGRITY OF THE STRUCTURE.

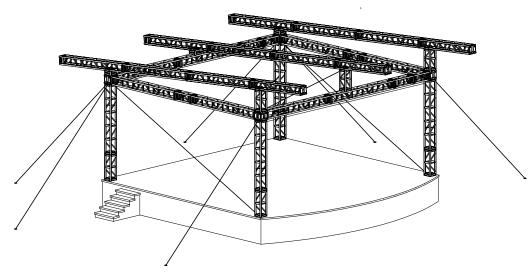
THIS PLAN IS TO MANAGE TYPICAL WINTER STORMS, IN THE EVENT OF A BLIZZARD OR THE EVENT THAT THE FOLLOWING PROCEDURES CANNOT BE SAFELY OR SATISFACTORILY PERFORMED DUE TO LACK OF ELECTRICAL POWER, RESTRICTED ACCESS TO STRUCTURES OR ROOFS, ETC., THE STRUCTURE SHALL BE DISMANTLED OR SECURED AT THE DISCRETION OF THE SITE MANAGER AND EVACUATED.

SNOW MANAGEMENT PLAN ITEMS:

SNOW ACCUMULATION FORECAST TO EXCEED I": I. RESPONSIBLE CREW PUT ON ALERT.



ROOF SHADE STRUCTURE AXON

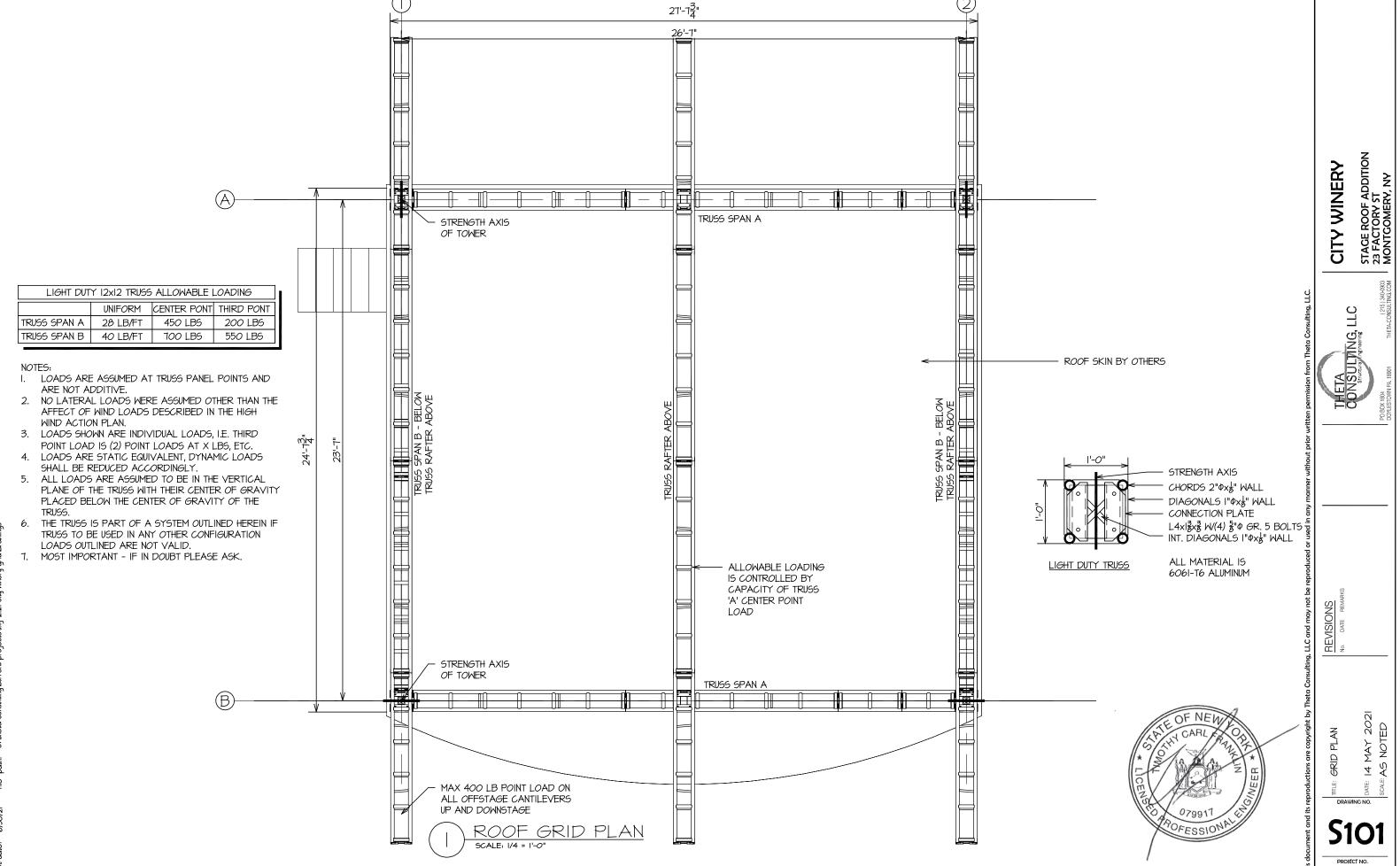


ROOF SHADE STRUCTURE AXON - NO SKINS

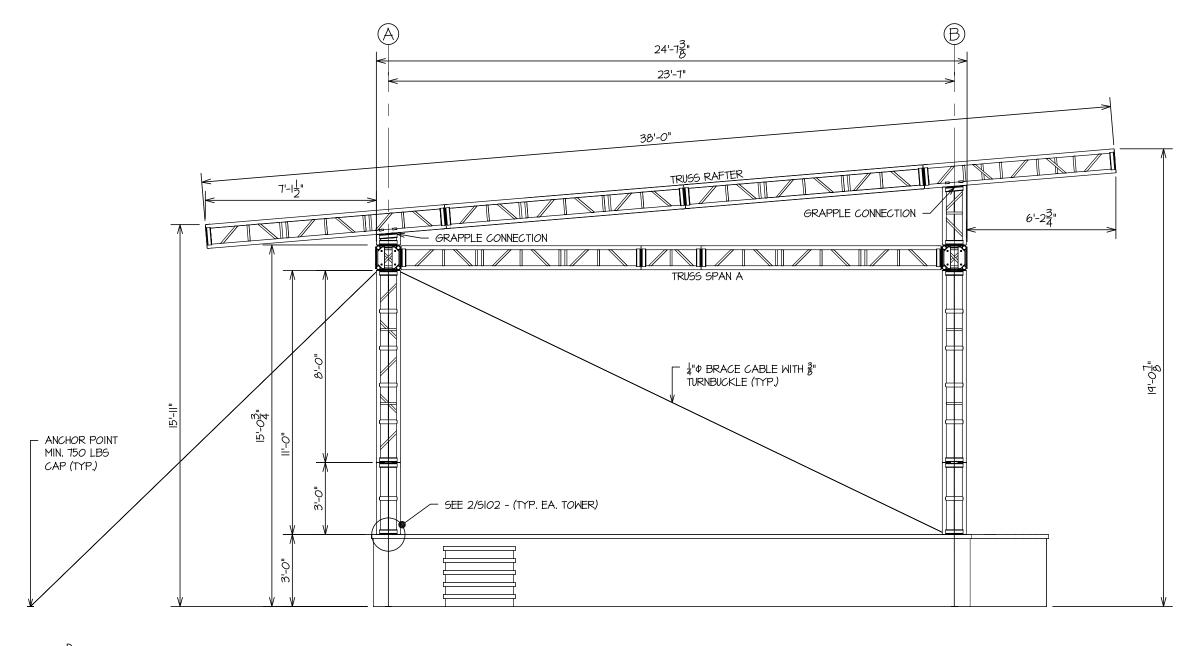


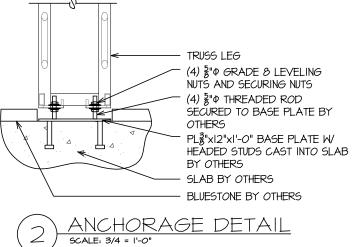
CITY WINERY

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21 SEP 2020





SIDE ELEVATION



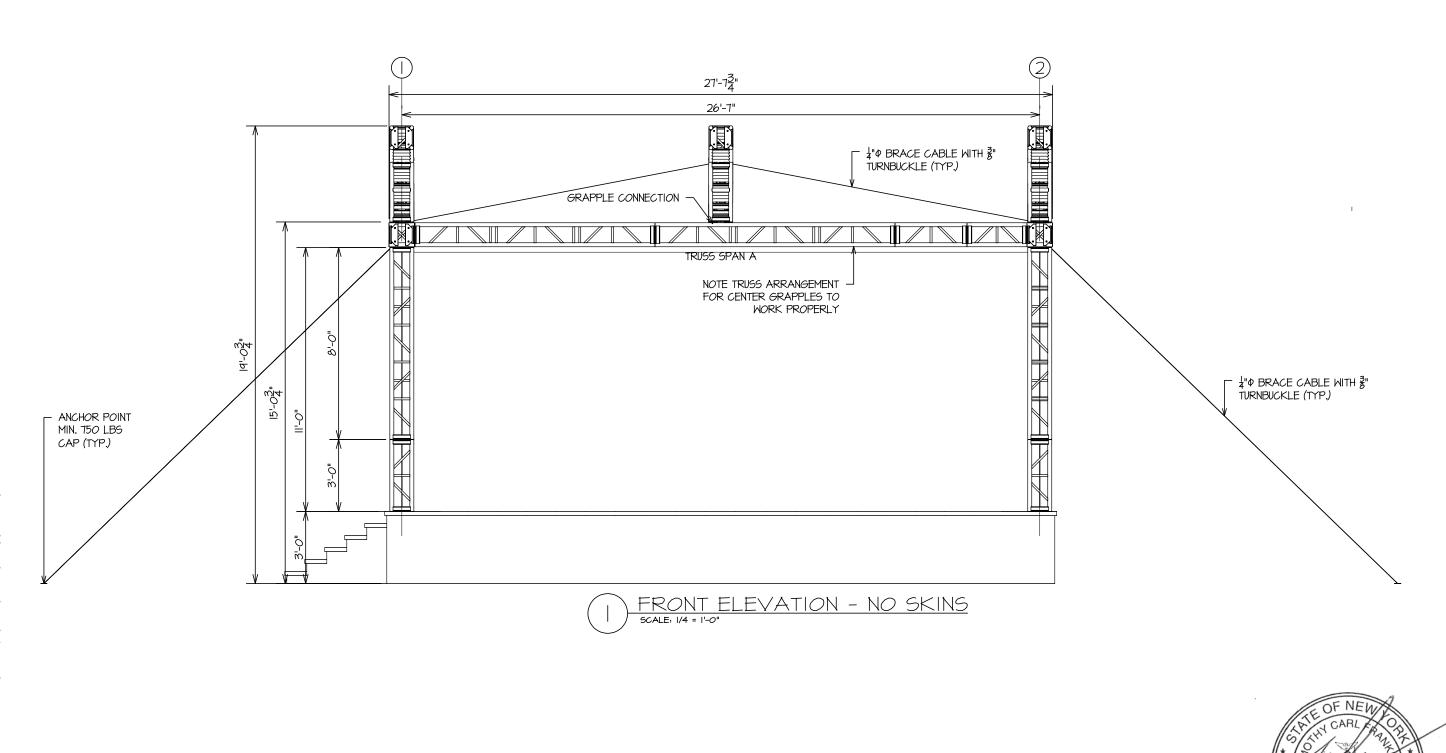
SIDE ELEVATION **S102**

CITY WINERY

REVISIONS
No. DATE REMAR

14 MAY 2021 : AS NOTED





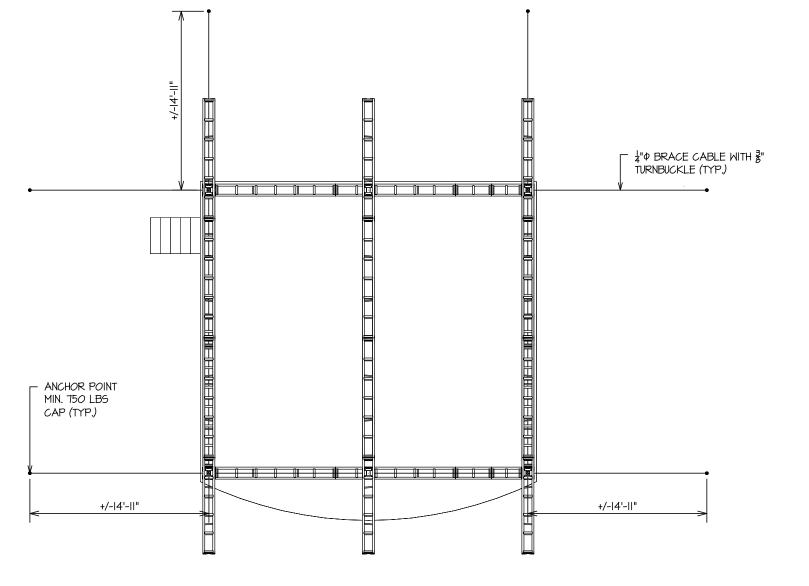
STAGE ROOF ADDITION 23 FACTORY ST MONTGOMERY, NY CITY WINERY

REVISIONS
No. DATE REMAR

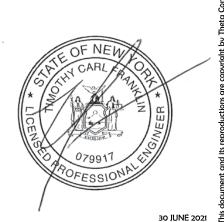
: 14 MAY 2021 :: AS NOTED

S103

30 JUNE 2021 출



ROOF GRID BRACE PLAN SCALE: 1/4 = 1'-0"



REVISIONS
No. DATE REMAR ROOF GRID BRACE PLAN

CITY WINERY

14 MAY 2021 AS NOTED **S104**