

Whatever, USA
Event Operations Packet

August 23, 2014
Final Submission

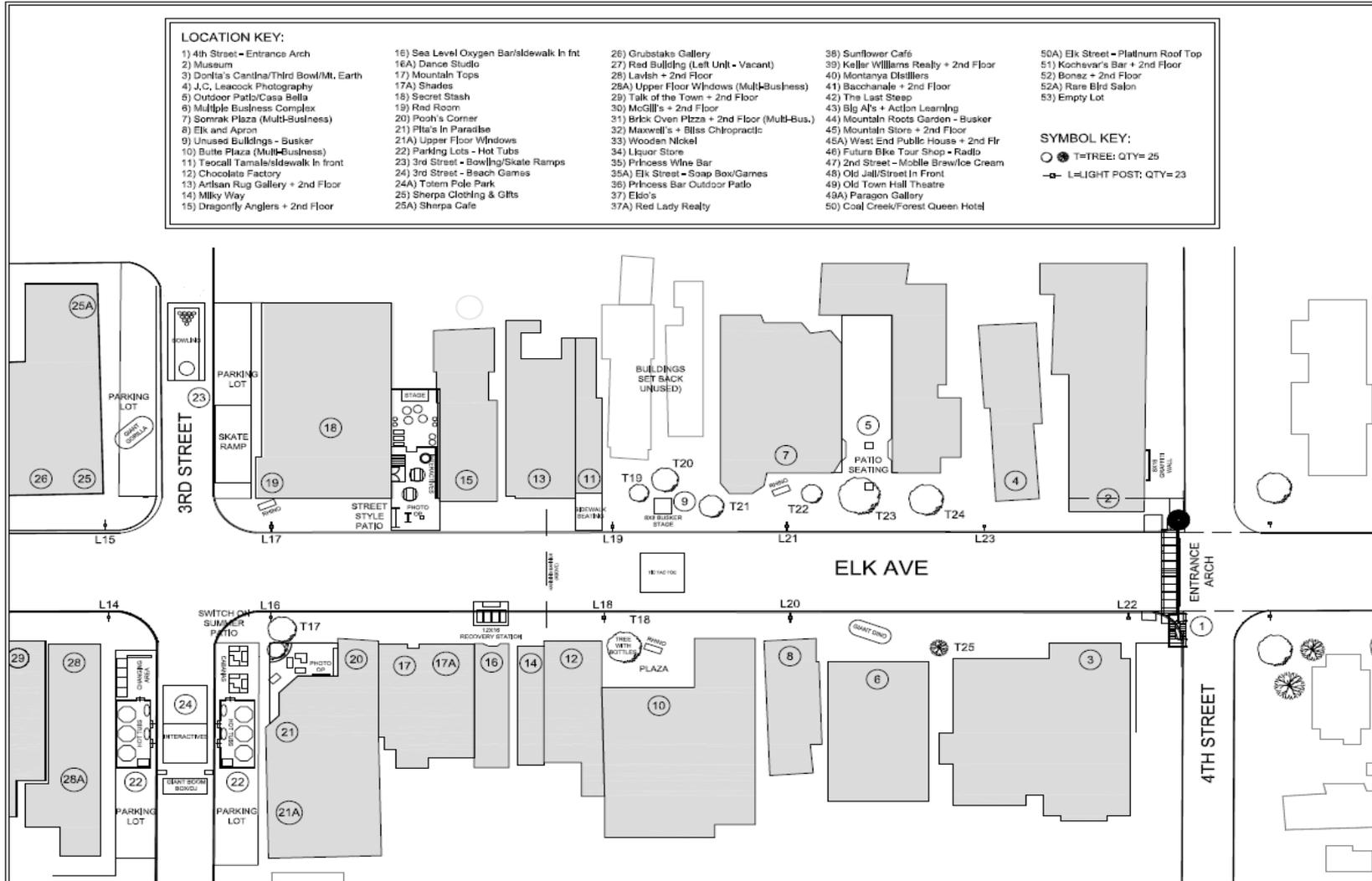
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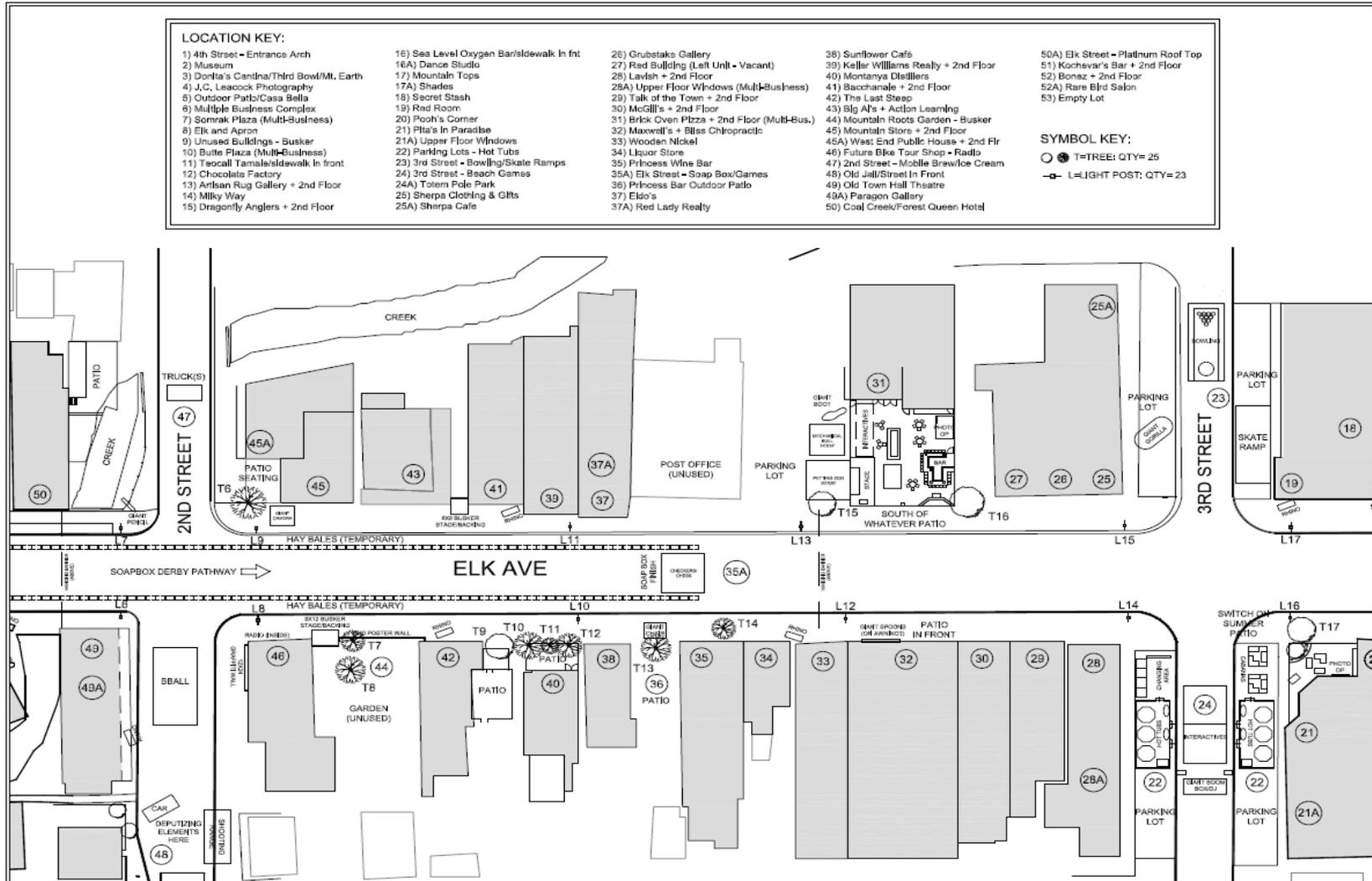
Master Site Plan

Site Map



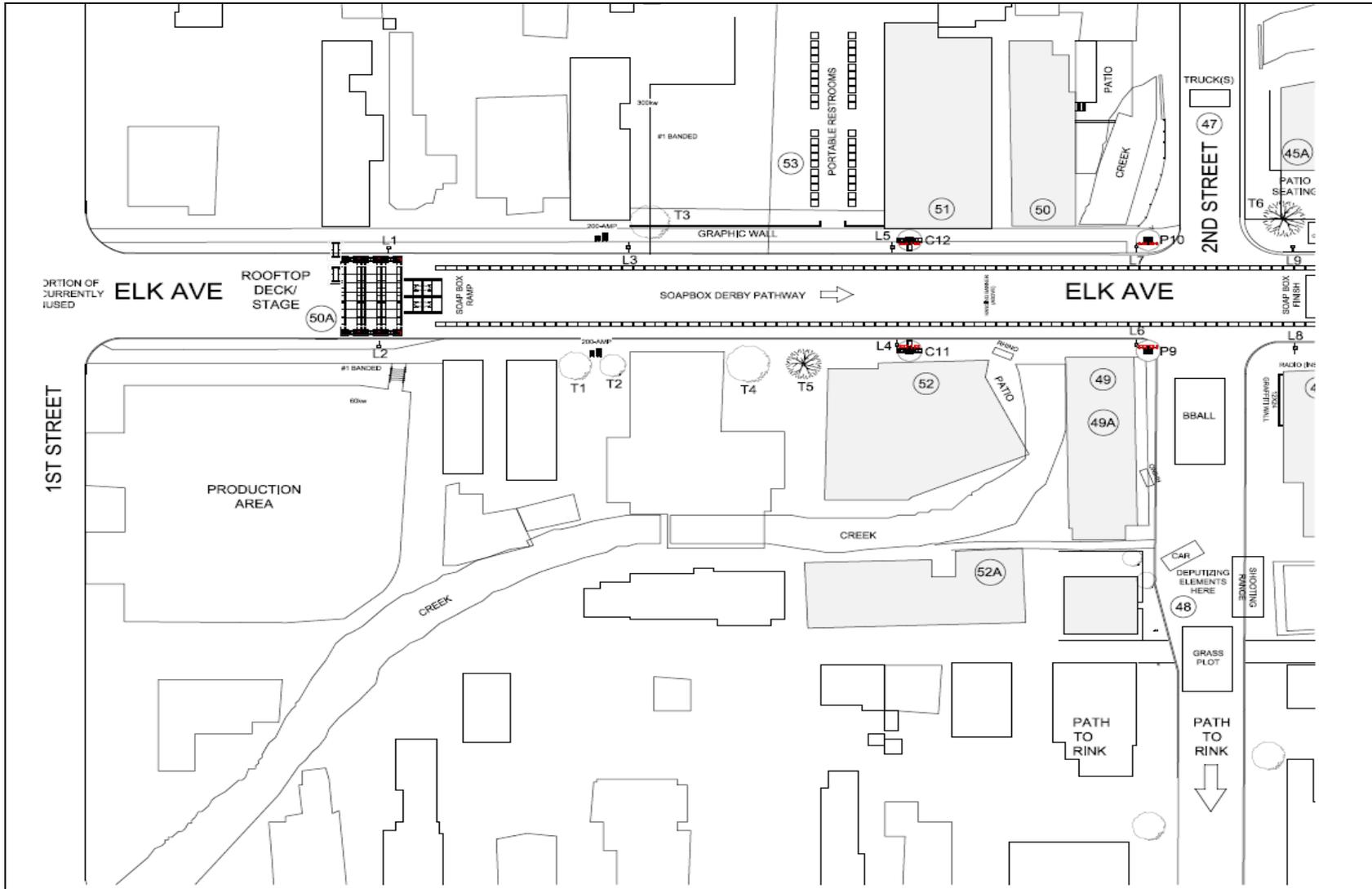
**** See actual Master Site CAD for details****

Site Map



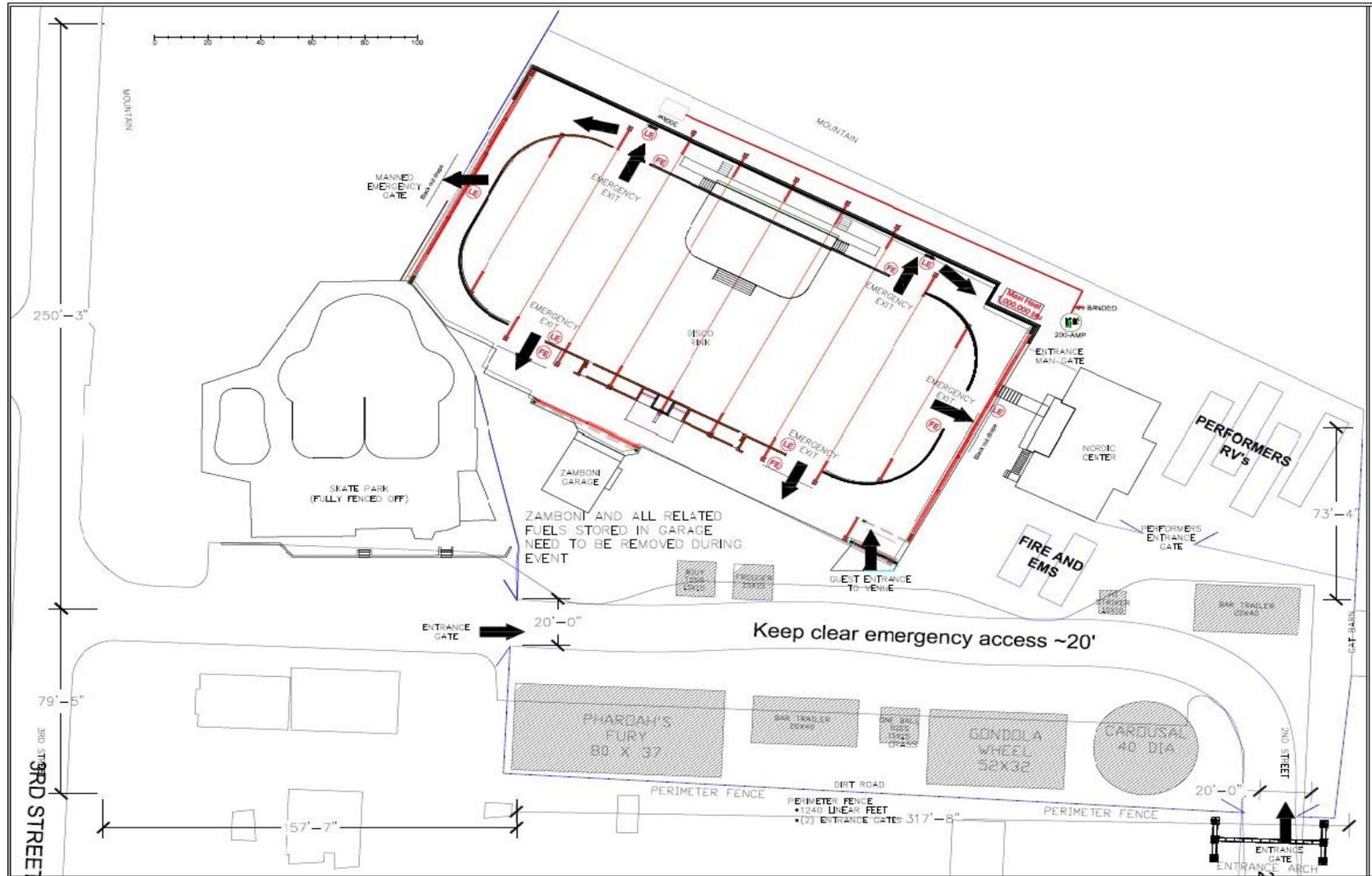
**** See actual Master Site CAD for details****

Site Map



**** See actual Master Site CAD for details****

Site Map



**** See actual Master Big Mine Arena Site CAD for details****

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Street Closure Plan

Street Closure Plan

Elk Avenue – Temporary Closure Plan

Date	Duration	Location	Conditions
8/26	11:00 p.m.-6:00 a.m. (start dates is dependent on contract/event approval's)	Elk Avenue 4 th to 3 rd	Wooden barricades set up/removed by Public Works/Mosaic; Vehicles will have no access and street should be cleared of any vehicles on curb; Pedestrians will have access but caution should be used; street will operate as normal during business hours; Graphic applications will be applied to both 2 nd & 3 rd story windows; G Blocks and vertical truss towers installed
8/26	10:00 p.m.-6:00 a.m.	Elk Avenue 3 rd to 2 nd	See above
8/27	10:00 p.m.-6:00 a.m.	Elk Avenue 2 nd to 1 st	See above

Elk Avenue – Permanent Closure Plan

Date	Duration	Location	Conditions
8/26-9/12	9:00 am – event duration (start dates is dependent on contract/event approval's)	Big Mine Arena	Parking Lot access will be closed beginning 8/25 – 9/12; plans have been made to allow parking for Nordic businesses/employees
9/2 - 9/8	12:01 a.m..	Elk Avenue 4 th to 3 rd & 3 rd St, .North/South sides, to alley ways	Wooden barricades set up/removed by Public Works; Vehicles will have no access and street should be cleared of any vehicles on curb; Pedestrians will have access but cautioned
9/3 - 9/8	12:01 a.m.	Elk Avenue 3 rd to 1 st & 2 nd St. North/South sides, to alley ways	See above
9/5	4:00 p.m. – 6:00 pm	Elk Avenue 6 th to 4 th	<u>Temporary closure from 4 way, to 4th</u> , Minimizing congestion during the unload of the 1300 guest

Street Closure Plan

Elk Avenue – Temporary Closure Plan

Date	Duration	Location	Conditions
8/26	12:01 a.m. – 10:00 p.m.	Elk Avenue 4 th to 1st	Wooden barricades set up/removed by Public Works; Vehicles will have no access and street should be cleared of any vehicles on curb; Pedestrians will have access but caution
8/27	6:00 a.m. - 12:00 p.m.	Elk Avenue	Reopened, street seal coating to take place 9/8-9/11, TBD – planning with Public Works
8/28	6:00 a.m. – 12:00 p.m.	Elk Avenue	Stripping and cross walk painting – Public Works
9/5 & 9/6	10:00 p.m. – 10:45 p.m.	2 nd St. (Elk to Big Mine)	Temporary closing; event attendees will be escorted by event security from Elk Ave, to Big Mine Arena

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Transportation Plan

Public/Private Transit Plan

Public Bus Routing

Date	Duration	Bus Route	Conditions
8/25-8/27	10:00 p.m.-6:00 a.m.	Maroon By Pass	Busses will run on pre approved Maroon by pass. Route through 2 nd St., per normal route
9/2-9/4	6:00 a.m. – event duration	Maroon By Pass	See above
9/5-9/7	6:00 am- event duration	5 th St By Pass	Busses will run pre approved 5 th Street By Pass
9/8-9/9	6:00 am- event duration	5 th St By Pass	Busses will run pre approved 5 th Street By Pass

Private Bus Routing

Date	Duration	Bus Route	Conditions
9/5	4:00 p.m.-5:00 a.m.	Gothic Ave. to 5 th St	Busses will run on pre approved 5 th Street By Pass, dropping passengers at 5 th and Elk; 50 passenger busses will drop guest until all 1330 guest are at ribbon cutting ceremony
9/5	6:00 p.m. to 12:00 a.m.	5 th Street By Pass	(1-2) 50 Passenger buses will continuously service route
9/5	11:00 p.m. to 1:00 a.m.	Bellevue By Pass	(1-8) 50 Passenger buses will continuously service route, picking up guest outside of Big Mine Arena and transporting them to Mt CB
9/6	9:00 a.m. to 10:00 p.m.	5 th Street By Pass	(1-2) 50 Passenger buses will continuously service route
9/6	11:00 p.m. to 1:00 a.m.	Bellevue By Pass	(1-8) 50 Passenger buses will continuously service route, picking up guest outside of Big Mine Arena and transporting them to Mt CB

Maroon By Pass Bus Route



5th St. By Pass Bus Route



Bellevue Bus Route (Private)



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Security & Fencing Plan

Security Staffing

Local Law Enforcement (x20)

- SB Town Marshall serves as head of security throughout event.
- All Marshals will be on call through this event.
- Responsible for all channels for security to communicate with staff and between all groups.

Patriot Managers (x8)

- Arrive Monday 9/1
- Depart Monday 9/8
- Manage all support staff, local managers and guard subcontractor

Local Crested Butte Security Managers (x6)

- Responsible for all issues regarding residents and town workers
- Coordinating deliveries for stores

Staff Credentials Specialist (x2)

- Arrive Monday 9/1
- Depart Monday 9/8
- Responsible for all staff credentials

Security Officers (x80)

- Responsible for 24/7 guard posts in town and mountain
- Responsible for special event security and access control
- Staffing 24/7 Command Center

Security Scenarios

Mob Scenario:

In the event that an unforeseen number of people attend the Bud Light Special Event, September 5-7th, and additional law enforcement is needed, the following is the Crested Butte Marshal's Department contingency plan. The first available resources will come from the Gunnison County Sheriff's department and the Gunnison Police department. Through these 2 agencies we could expect to receive 4-6 officers in a couple of hours. If additional law enforcement is needed, I would be able to call upon the Colorado Association of Chiefs of Police's organization, and hopefully get additional officers by mid day Saturday, September 6th.

In the event that things get completely out of control, and adequate law enforcement is unavailable, I will have full authority to cancel or suspend all further Anheuser Busch activities. Anheuser Busch will then need to bus all of their participant back to their hotel rooms until further planning occurs.

C.B. Town Marshall

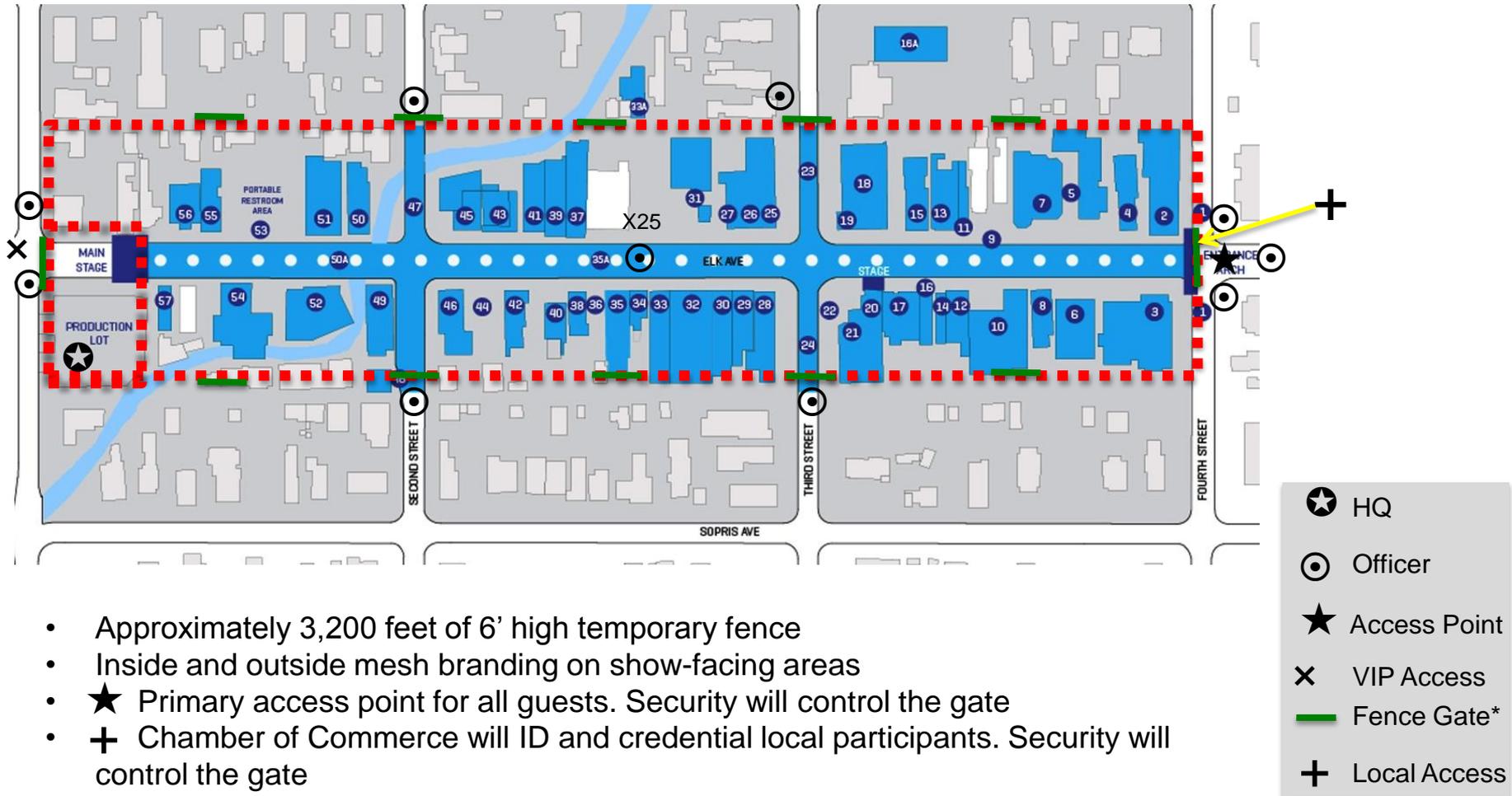
Security Placement

Placement

- Concentrated security measures (30+ officers) for marquee events including:
 - Friday night concert and Light the nights at Big Mine
 - Welcome Parade, Main Stage Concert
- Patio parties will have dedicated security staff
- Each participatory event will have an accompanying security officer
- Each active account will have door security to monitor wrist bands and access and interior security for crowd control
- 24/7 perimeter and alley patrol
- Security must enforce the laws within the Entertainment District; restricting the entrance of outside alcohol into both on and off premise accounts



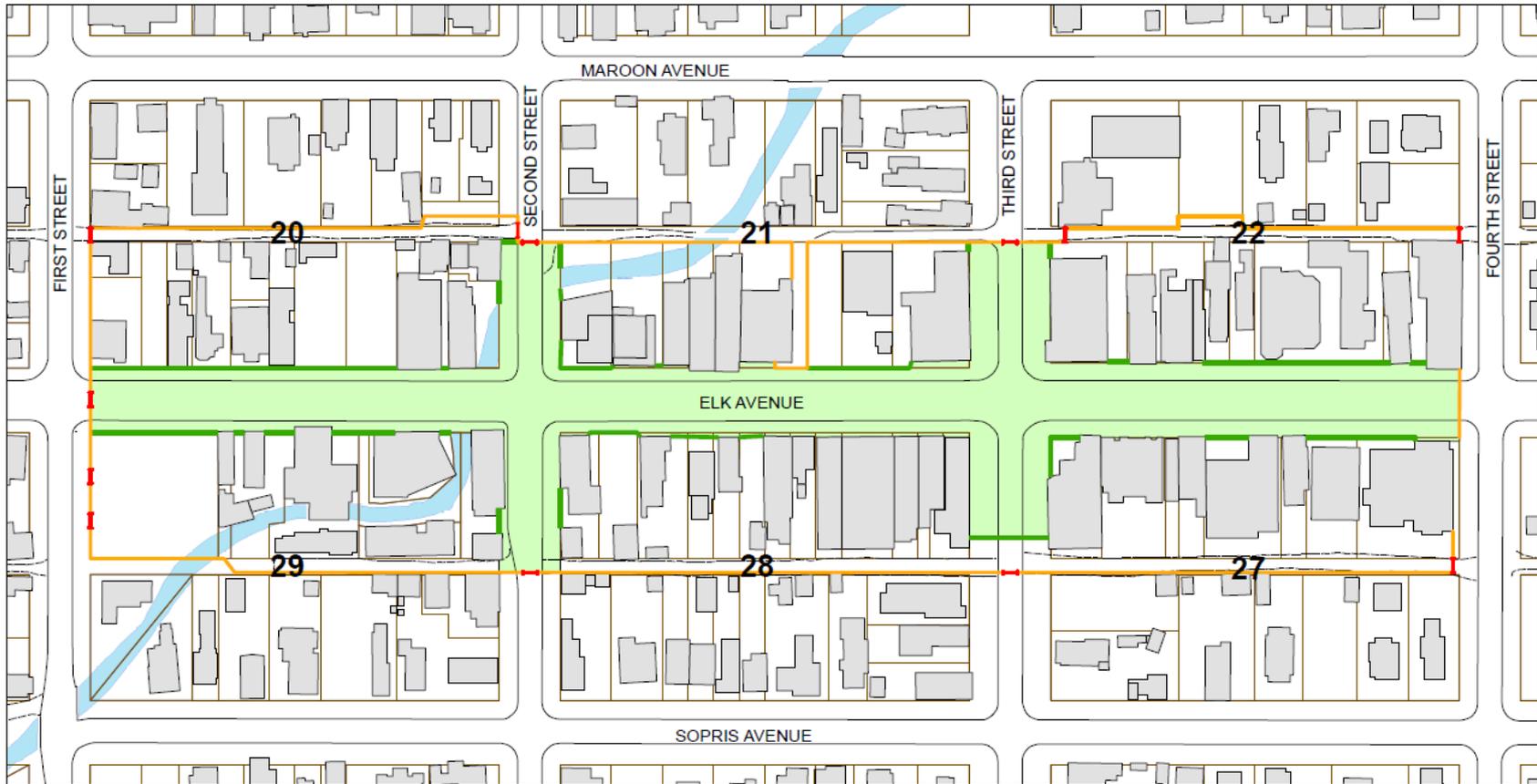
Security Town Perimeter



- Approximately 3,200 feet of 6' high temporary fence
- Inside and outside mesh branding on show-facing areas
- ★ Primary access point for all guests. Security will control the gate
- + Chamber of Commerce will ID and credential local participants. Security will control the gate

* For Emergency services and deliveries

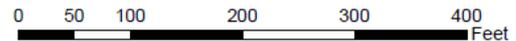
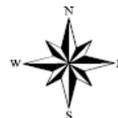
Security - Entertainment District Consumption Perimeter



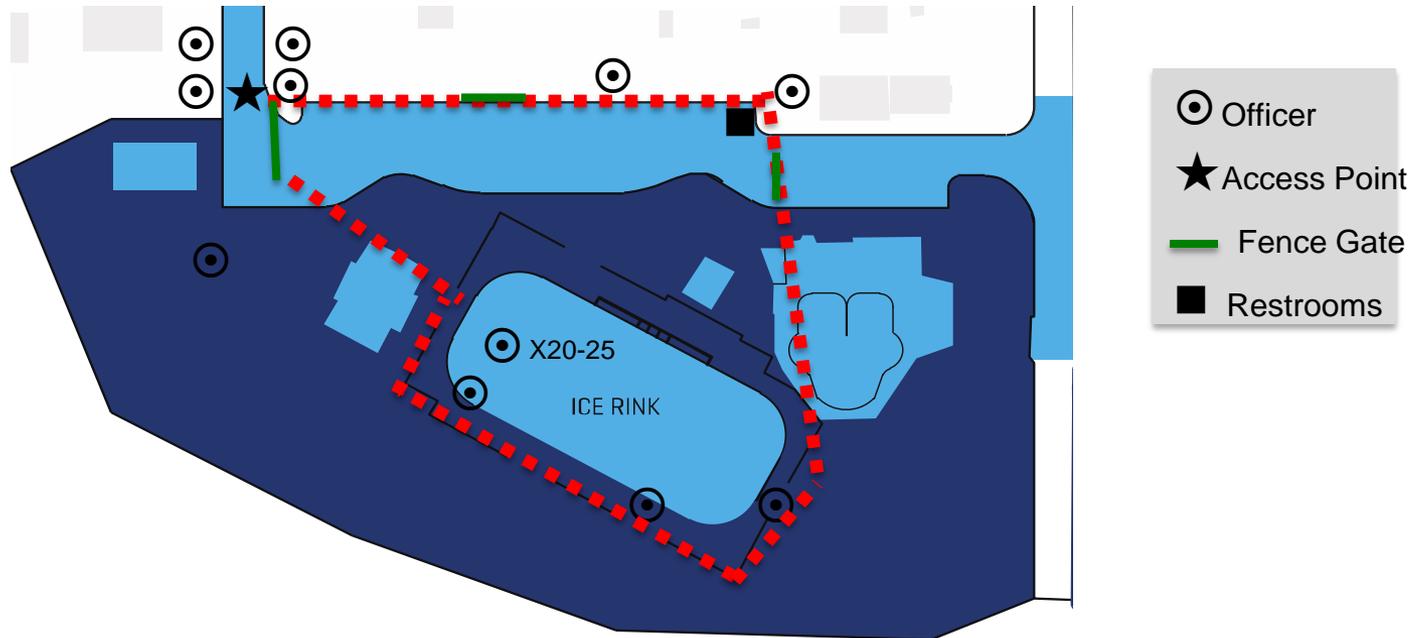
FENCING PLAN

-  Event Containment Fence
Typical alley configuration is 14 foot drive surface and 2 foot pedestrian access in Blocks 20, 22, 27, 28, and 29
-  Consumption Fence
Liquor consumption fence may be existing fence, new fence, agreement with private property owner for use, or control by security personnel
-  Consumption Area
-  Gates

-  Buildings
-  Parcel Boundaries
-  Coal Creek

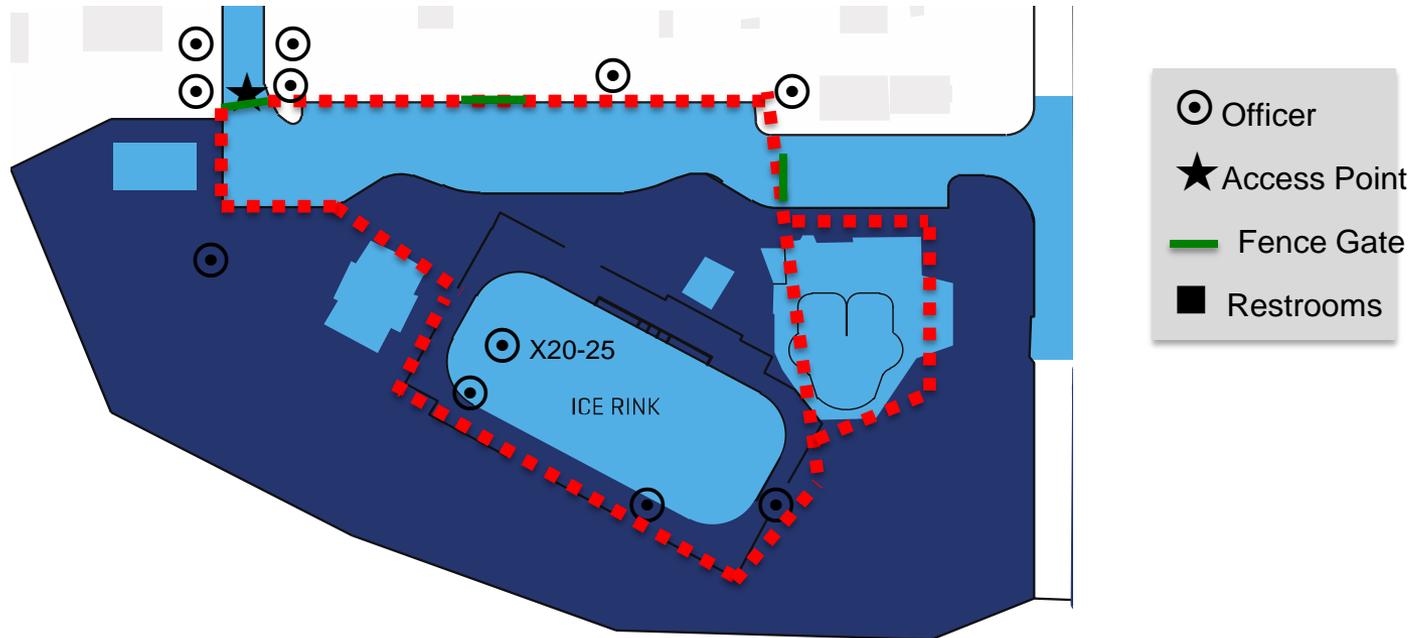


Security Big Mine Perimeter Pre Production



- Pre Production Fencing plan will exist until 9/5 10:00 am; This will allow business in Nordic Center to operate until even day
- Approximately 1,400 feet of 6' high temporary fence
- Inside and outside mesh branding on show-facing areas

Security Big Mine Perimeter Live Event



- Live Event Fencing plan will exist until 9/8 9:00 am; we will then need to adjust fencing back to pre production plan for strike duration; 9/12
- Friday night concert and Saturday Light the Night will have concentrated security of ~30 officers

Security Venue Perimeter



- Install: start on Thursday morning, completed on early Friday morning
- Removal: start Sunday at evening, complete Monday am
- 6' chain link fencing

Security Venue Perimeter



Perimeter Access

- Placed on edge of event perimeter
- 9 foot Emergency lanes will be kept open on both alleyways running parallel to Elk Street
- Lanes will be used for EMS and LE
- Residents will receive credentials to allow access to homes

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EMS Plan

EMS Plan

Staging:

- 3-3 man Crews
- Each EMT/Paramedic/Firefighter will be equipped with:
 - Response backpack
 - WUSA Fire/EMS branded shirts for identification purposes
 - Full access bracelets
- 3 EMS Ranger ATV's (with patient transport capabilities)
- One Ambulance

EMS Plan

Staging locations:

Crested Butte:

Friday September 5th

Afternoon: 3:30 p.m. to 9:30 p.m.

Team Staging: 3-3 man backpack teams on Elk

Team One: Corner of 4th of Elk area with rover capabilities to 6th

Team Two: 3rd and Elk Avenue area with rover capabilities to 2nd and stage area

Team Three: Rover Team from 6th to 1st with relief of other crews built in

Ranger Staging: CB EMS Ranger 1: Inside gate North West side of 4rd Street

CB EMS Ranger 2: Inside gate North West side of 2nd Street

CB EMS Ranger 3: Rover EMS relief and response unit

Evening Staging: 9:00 pm to 1:00 am at the Ice Rink

3-3 man Crews/Rangers/Ambulance

Team One: Inside gate south side of parking lot

Team Two: Inside gate on west side of rink

Team Three: Inside gate as a rover crew walking around with a response backpack

Ranger Staging: CB EMS Ranger 1 & 2: Inside fence (one to cover inside area, 2 for staging for call to Elk)

CB EMS Ranger 3: Inside gate to support east side

Ambulance: Staged on East Side of rink during concert

There will be a dedicated Ambulance on standby for the WUSA event for the entire 48 hour operational period

EMS Plan – Crested Butte

Staging locations:

Crested Butte:

Saturday September 6th

Crested Butte: 9:00 a.m. to 9:00 p.m.

Team Staging: 3-3 man backpack teams on Elk

Team One: Corner of 4th of Elk area with rover capabilities to 6th

Team Two: 3rd and Elk Avenue area with rover capabilities to 2nd and stage area

Team Three: Rover Team from 6th to 1st with relief of other crews built in

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Ambulance: Staged on East Side of rink during concert

There will be a dedicated Ambulance on standby for the WUSA event for the entire 48 hour operational period

EMS Plan – Mt. Crested Butte

Friday:

The WUSA ambulance will be available for EMS calls in Mt. Crested Butte area if Needed

Saturday:

There will be an additional Ambulance and Crew Stationed at CBMR on Saturday September 6th from 9am-5pm for all the activities in Mt. Crested Butte area

*The Crested Butte Fire Protection District will also have our Physician Advisor/Medical Director Board Certified ER Doctor on duty for the entire 48 hour Period

** Fire/EMS Command staff on Duty for the 48 hour operational period

***If crowds exceed 3000+ an additional Ranger/ATV will be needed with Additional resources and crew members

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Communication Plan

Communication Plan

WUSA Communication Plan

The plan will inform the community of what to expect leading up to event. The Town will utilize three sources of communications:

- Town of Crested Butte

- Crested Butte News

- KBUT Radio

- CB Chamber of Commerce

The aim of this plan is to educate/inform residents, businesses and guest of impacts of this event (pre/during/prior)

Communication Plan

The Plan includes one paragraph summaries of the following plans:

- Fencing Plan

- Kid's Plan

- Local Access

- Parking Plan

- Post Office Access

- Road Closures

- Transportation Re-routes for weekend

Timing

KBUT – revolving PSAs will be scheduled on August 22 to be released in the event the event moves forward.

- CB News

- August 28 – all

- September 4 – all

e-blasts via Town of CB and Chamber will be pre-queued beginning August 26.

August 26/28/30, Sept 2/4 – All plans

Revolving updates building up to event.

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Credential Plan

Credentials



Access Parameters

- **Blue - Winners** - access to all activities. Free food and Bud Light from active accounts
- **Black – VIP** – AB Exec's, Mosaic/Fusion Exec's- access to all activities. Free food and Bud Light from active accounts/back stage/Production Village
- **Green - Artist** - Free food and Bud Light from active accounts/back stage/Production Village
- **Purple – Film/Media** - access to all activities. Free food and Bud Light from active accounts/back stage/Production Village
- **Red- Production staff** – Big Mine access beginning 8/25; Production Village, Elk Ave, and all active accounts; NO FOOD OR BUD LIGHT PLAN.
- **Light Green - Brand Ambassadors** - access to all activities. Free food and active accounts/back stage/Production Village/ big mine. NOT ALLOWED TO DRINK ANY ALCOHOL
- **Orange – Local** - Residents/Enduro Bike Racers – MUST BE LDA; access to Elk Ave. public entertainment (no participatory events), general account access. Free Bud Light from active accounts NO FOOD.
- **Grey -Local UNDER 21** – Elk Ave. Employee and Under age Enduro Riders, must have proof of employment to receive credential or on employer list/registered riders list. NO FOOD/ALCOHOL OF ACCESS TO PARTICIPATORY EVENTS

Credential Distribution

Access Parameters

- **Blue - Winners** - receive credentials during registration at CBMR
- **Black – VIP** – receive credentials during registration at CBMR
- **Green - Artist** - receive credentials during registration at CBMR
- **Purple – Film/Media** -receive credentials during registration at CBMR
- **Red- Production staff** –receive at production village by Mosaic Operations Manager.
- **Light Green - Brand Ambassadors** -receive credentials during registration at CBMR
- **Orange – Local** - receive at “Local Registration Tent” at 4th and Elk, near arch entry way
- **Grey -Local UNDER 21** – receive at “Local Registration Tent” at 4th and Elk, near arch entry way; , must have proof of employment to receive credential or on employer list or registered riders list.
- **White – Event Directors/Steering Committee** – TBD, pick up prior to event

Note: Residents within the event footprint will need to show event credentials at fence entry points to gain access; residents within this footprint will be notified of credential procedure by event representative

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Food and Beverage

Food and Beverage

Food and Beverage Overview

- Complimentary AB Products will be available to winners and town guests (21+) throughout the event. All participants will be wearing wristbands for easy identification. Beverage will be available in the bars and restaurants along Elk Avenue, as well as in the Centre for the Performing Arts, Old Town Hall and Big Mine Arena. All other brands of beer and spirits will be removed from the premises
- Mt. Spirits will be closed via buyout
- Marquee Events scheduled in Big Mine Arena for both Friday and Saturday night. Bars and activities along Elk will remain open during the same time period. Bud Light products will be available in all of them
- Bars and Entertainment venues on Elk Ave will be open throughout the evening; excluding private events

- A central crew meal location will also be in operation in Whatever USA August 25-September 10. The location, times and final details to be finalized

Payments and Deliveries

- Each account will be given a deposit and an estimated amount of food/beer to order based on individual scope of involvement and size
- Fusion will settle up the tab with each account on Sunday 9/7. Accounts receivable, payable and taxes will remain unchanged as normal procedure
- The perimeter will be gated on each cross street and during police approved times, pull trucks into the cross streets. We will supplement man power to bring goods to individual businesses

Food and Beverage

Friday, September 5

5:00pm – 10:30pm

- Participating restaurants (majority of those on Elk) will be open for Whatever USA DineAround. Each will have a limited menu, and winners will have the opportunity to choose where they would like to have dinner

Saturday, September 6

10:00am – 6:00pm

- Participating restaurants (majority of those on Elk) will be open for Whatever USA lunch. Each will have a limited menu, and winners will have the opportunity to choose where they would like to have lunch.

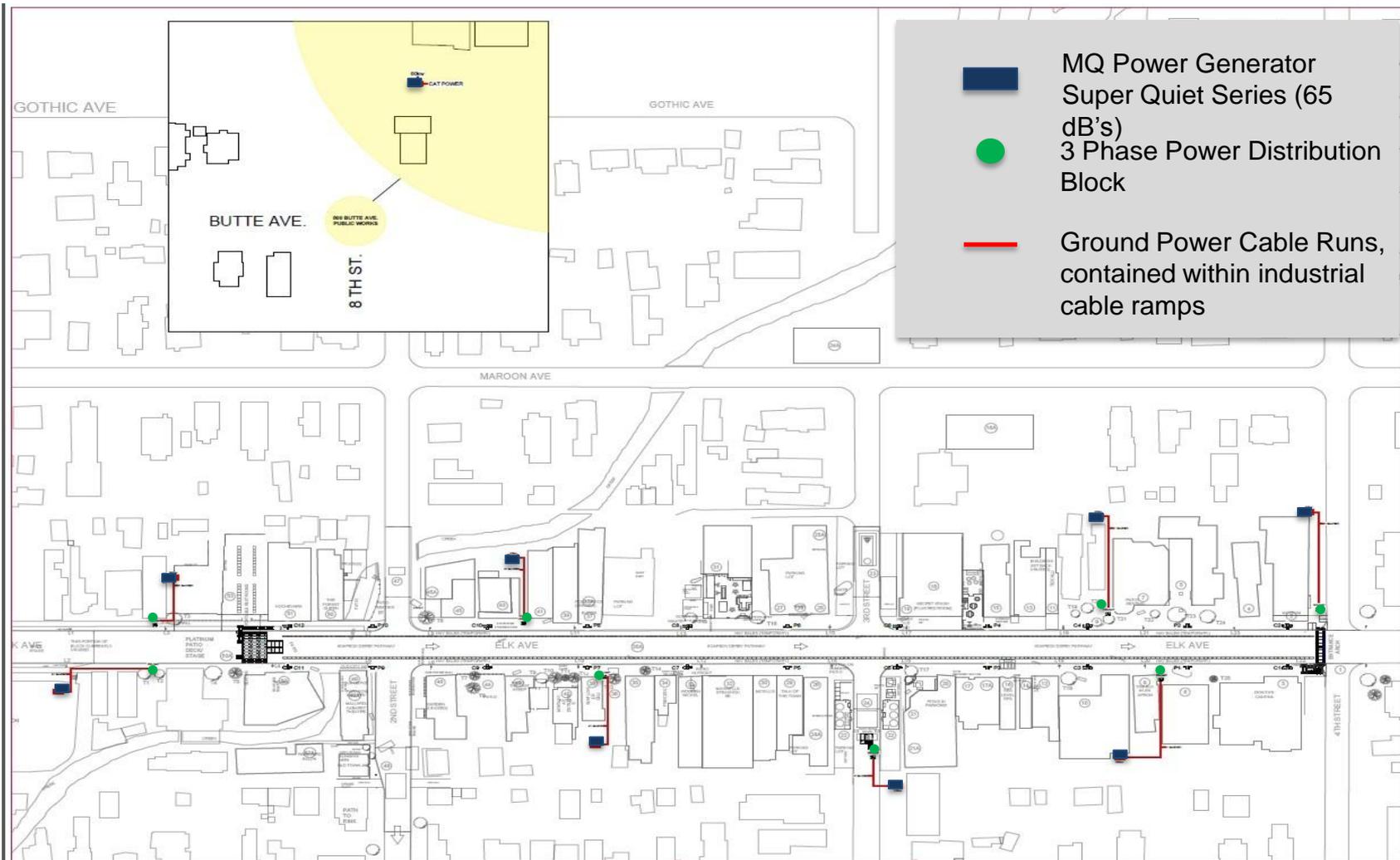
6:00pm – 9:00pm

- Family dinner on Elk Avenue for all winners. Tables set up throughout the street, and participating restaurants will provide family style service menu for the group. AB products will be served throughout.
- Family dinner will be restricted to event participants only; general public will still have access to all Elk Ave. establishments

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Power & Generator Plan

CAT Power Plan



*Actual generator placement may vary, due to residential locations or private events

** CAD only represents power plan; other elements do not reflect latest master site plan

*** All electrical power installed, inspected by Colorado licensed electrical engineer; report submitted to town

CAT Power Plan



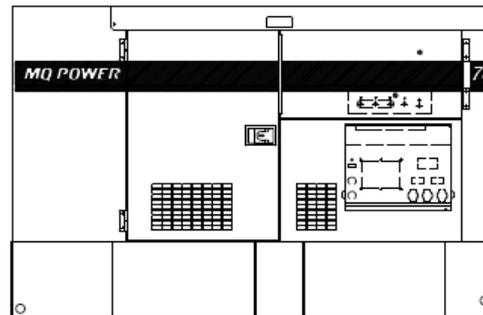
DCA70SSJE2 MQ POWER Series Generator

WhisperWatt™

Prime Rating — 56 kW (70 kVA)

Standby Rating — 62 kW (77 kVA)

3-Phase, 60 Hertz, 0.8 PF



STANDARD FEATURES

- Heavy duty, 4-cycle, direct injection, turbocharged, charge air cooled diesel engine provides maximum reliability.
- Brushless alternator reduces service and maintenance requirements and meets temperature rise standards for Class H insulation systems.
 - Open delta alternator design provides virtually unlimited excitation for maximum motor starting capability.
 - Automatic voltage regulator (AVR) provides precise regulation.
- Electronic governor system maintains frequency to $\pm 0.25\%$.
- Full load acceptance of standby nameplate rating in one step (NFPA 110, para 5.6.3.1.2).
- Sound attenuated, weather resistant, steel housing provides operation at 65 dB(A) at 23 feet. Fully lockable enclosure allows safe unattended operation.
- Internal fuel tank with direct reading fuel gauges are standard.
- E-coat and powder coat paint provide durability and weather protection.
- Digital engine gauges including oil pressure, water temperature, battery volts, engine speed, and fuel level.
- Analog generator instrumentation including AC ammeter, AC voltmeter, frequency meter, ammeter phase selector switch, voltmeter phase selector switch, and voltage regulator adjustment potentiometer.
- ECUe30 microprocessor-based digital generator controller.
 - Remote 2-wire start/stop control.
 - Operational temperature range of -40° to 85° C.
 - High visibility LCD display with heated screen and alphanumeric readout.
 - Modbus interface for gauge panel and expansion options.
 - DPF cleaning cycle indication.
- Automatic safety shutdown system monitors the water temperature, engine oil pressure, low coolant, overspeed, and overcrank. Warning lights indicate abnormal conditions.
- Fully covered power panel. Three-phase terminals and single phase receptacles allow fast and convenient hookup for most applications including temporary power boxes, tools and lighting equipment. All are NEMA standard.
- Fuel/water separator. Removes condensation from fuel for extended engine life.
- Simultaneous single and three phase power.
- Emergency Stop Switch. When manually activated, shuts down generator in the event of an emergency.
- EPA emissions certified - Tier 4i emissions compliant.
 - Engine fitted with DOC and DPF.
- Spill Containment - Bunded design protects environment by capturing up to 120% of engine fluids.

DCA70SSJE2 — MQ POWER SERIES GENERATOR — REV. #0 (09/10/12)

CAT Power Plan



DCA70SSJE2 MQ POWER Series Generator

SPECIFICATIONS

Generator Specifications		
Design	Revolving field, self-ventilated drip-proof, single bearing	
Armature Connection	Star with Neutral	Zig Zag
Phase	3	
Standby Output	62 KW (77 KVA)	44 KW
Prime Output	56 KW (70 KVA)	40 KW
30 Voltage (L-L-L-N)	208Y/120, 220Y/127, 240Y/139	N/A
Voltage Selector Switch at 30 240/139		
30 Voltage (L-L-L-N)	416Y/240, 440Y/254, 480Y/277	N/A
Voltage Selector Switch at 30 480/277		
10 Voltage (L-L-L-N)	N/A	240/120
(Voltage Selector Switch at 10 240/120)		
Power Factor	0.8	1.0
Voltage Regulation (No load to full load)	±0.5%	
Generator RPM	1800	
Frequency	60 Hz	
No. of Poles	4	
Excitation	Brushless with AVR	
Frequency	60 Hz	
Frequency Regulation: No Load to Full Load	Isosynchronous under varying loads from no load to 100% rated load	
Frequency Regulation: Steady State	±0.25% of mean value for constant loads from no load to full load.	
Insulation	Class H	
Sound Level dB(A) Full load at 23 feet	65	

Engine Specifications	
Make / Model	John Deere / 4045HFG92
Emissions	EPA Interim Tier 4 Certified
Starting System	Electric
Design	4-cycle, water cooled, direct injection, turbocharged, charge air cooled and EGR
Displacement	275.0 in ³ (4500 cc)
No. cylinders	4
Bore x Stroke (mm)	106 x 127
Gross Engine Power Output	107 hp (80 kW)
BMEP	168 psi (1161 kPa)
Piston Speed	1500 ft./min. (7.62 m/s)
Compression Ratio	16.1:1
Engine Speed	1800 rpm
Overspeed Limit	2070 rpm
Oil Capacity	3.88 gallons (14.7 liters)
Battery	12V 75Ah x 1

Fuel System		
Recommended Fuel	ASTM-D975-No.1 & No.2-D*	
Maximum Fuel Flow (per hour)	15.9 gallons (60 liters)	
Maximum Inlet Restriction (in)	8.9 in. (225 mm)	
Fuel Tank Capacity	103 gallons (390 liters)	
Fuel Consumption	gph	lph
At full load	4.3	16.2
At 3/4 load	3.4	12.7
At 1/2 load	2.7	10.1
At 1/4 load	2.0	7.4

* Use ultra-low sulfur diesel fuel.

Cooling System	
Fan Load	4.2 hp (3.1 kW)
Coolant Capacity (with radiator)	5.92 gallons (22.4 liters)
Coolant Flow Rate (per minute)	58 gallons (218 liters)
Heat Rejection to Coolant (per minute)	3068 Btu (3.2 MJ)
Maximum Coolant Friction Head	14.9 psi (103 kPa)
Maximum Coolant Static Head	78.7 feet (24.0 meters)
Ambient Temperature Rating	104°F (40°C)

Air	
Combustion Air	181 cfm (5.1 m ³ /min)
Maximum Air Cleaner Restriction	25 in. H ₂ O (6.25 kPa)
Alternator Cooling Air	526 cfm (14.9 m ³ /min)
Radiator Cooling Air	3393 cfm (96.1 m ³ /min)
Minimum Air Opening to Room	6.03 ft ² (0.56 m ²)
Minimum Discharge Opening	3.33 ft ² (0.31 m ²)

Exhaust System	
Gas Flow (full load)	399 cfm (11.3 m ³ /min)
Gas Temperature	835°F (446°C)
Maximum Back Pressure	52 in. H ₂ O (13 kPa)

Amperage	
Rated Voltage	Maximum Amps
10 120 Volt	155.4 Amps (4 wire) 168A x 2 (Zigzag)
10 240 Volt	77.8 Amps (4 wire) 168A (Zigzag)
30 240 Volt	168 Amps
30 480 Volt	84 Amps
Main Line Circuit Breaker Rating	175 Amps
Over Current Relay Trip Set Point 480V Mode Only	84 Amps

WARRANTY*

John Deere Engine

12 months from date of purchase with unlimited hours or 24 months from date of purchase with 2000 hours (whichever comes first).

Generator

24 months from date of purchase or 2000 hours (whichever occurs first).

Trailer

12 months excluding normal wear items.

*Refer to the express written, one-year limited warranty sheet for additional information.

NOTICE

Generator is not intended for use in enclosed areas or where free flow of air is restricted.

Backfeed to a utility system can cause electrocution, shock and/or property damage. **DO NOT** connect to any building's electrical system except through an approved device.

Specifications are subject to change without notice.

CAT Power Plan



DCA70SSJE2

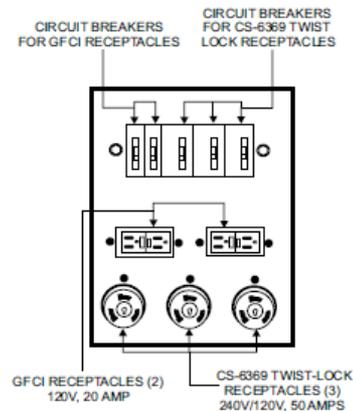
MQ POWER Series Generator

MQ POWER DECIBEL LEVELS

Our soundproof housing allows substantially lower operating noise levels than competitive designs. WhisperWatts are at home on construction sites, in residential neighborhoods, and at hospitals — just about anywhere.

90	— Subway / truck traffic
80	— Average city traffic
70	— Inside car at 60 mph
65.0	— WhisperWatt at 23 feet
60	— Air conditioner at 20 feet
50	— Normal conversation

GENERATOR OUTPUT PANEL



OPTIONAL GENERATOR FEATURES

- **Battery Charger** — provides fully automatic and self-adjusting charging to the generator's battery system.
- **Jacket Water Heater** — for easy starting in cold weather climates.
- **Special Batteries** — long life batteries provide extra engine cranking power.
- **Spring Isolators** — provides extra vibration protection for standby applications.
- **Trailer Mounted Package** — meets National Highway Traffic Safety Administration (NHTSA) regulations. Trailer is equipped with electronic or surge brakes with double or triple axle configuration.

OPTIONAL CONTROL FEATURES

- **Audible Alarm** — alerts operator of abnormal conditions.
- **Emergency Stop Switch** — when manually activated, shuts down generator in the event of an emergency.

OPTIONAL OUTPUT CONNECTIONS

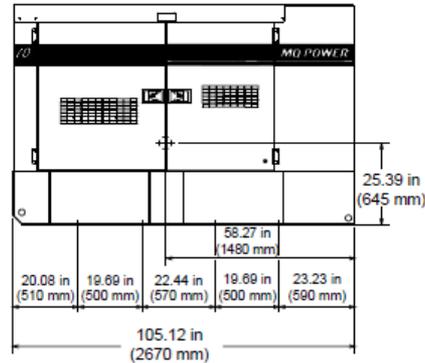
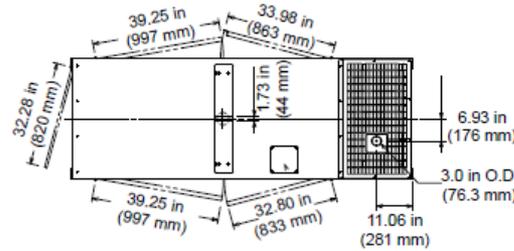
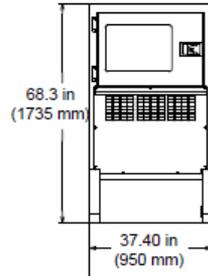
- **Cam-Lok Connectors** — provides quick disconnect alternative to bolt-on connectors.
- **Pin and Sleeve Connectors** — provides industry standard connectors for all voltage requirements.
- **Output Cable** — Available in any custom length and size configuration.

CAT Power Plan



DCA70SSJE2
MQ POWER Series Generator

DIMENSIONS



Weight	
Dry Weight	3,594 lbs. (1,630 kg)
Wet Weight	4,410 lbs. (2,000 kg)
Max. Lifting Point Capacity	6,980 lb. (3,157 kg)

Generator can be placed on MQ Power Trailer TRLR70US.

Manufactured by Denyo Co.

Your Multiquip dealer is:

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 DCA70SSJU4i Rev. #0 (09/10/12)



MULTIQIP
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 CARSON, CA 90749
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 WEBSITE: www.multiquip.com

CAT Power Plan



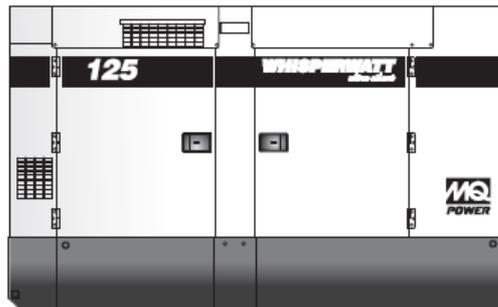
DCA125US1
Ultra-Silent Series

WhisperWatt™ 125

Prime Rating: 100 kW (125 kVA)

Standby Rating: 110 kW (137 kVA)

60 Hertz



Standard Features

- **Heavy duty, 4-cycle, direct injection, turbocharged, air to air intercooled diesel engine** provides maximum reliability.
- **Brushless alternator** reduces service and maintenance requirements and meets temperature rise standards for Class F insulation systems.
- **Open delta alternator design** provides virtually unlimited excitation for maximum motor starting capability.
- **Automatic voltage regulator (AVR)** provides precise regulation.
- **Electronic governor system** maintains frequency to $\pm 0.25\%$.
- **Full load acceptance** of standby nameplate rating in one step (NFPA 110, para 5-13.2.6).
- **Sound attenuated, weather resistant, steel housing** provides operation at 65 dB(A) at 23 feet. Fully lockable enclosure allows safe unattended operation.
- **Internal fuel tank** with direct reading fuel gauges are standard.
- **Seven stage powder coat paint** provides durability and weather protection.
- **Complete engine analog instrumentation** includes DC ammeter, oil pressure gauge, water temp. gauge, fuel level gauge, tachometer/hour meter, manual engine speed control, and emergency shutdown monitors.
- **Complete generator analog instrumentation** includes voltage regulator control, ammeter phase selector switch, voltmeter phase selector switch, AC voltmeter, AC ammeter, frequency meter, panel light, and circuit breaker.
- **Automatic safety shutdown system** monitors the water temperature, engine oil pressure, overspeed, and overcrank. Warning lights indicate abnormal conditions.
- **Auto start/stop control** allows generator to start automatically in the event of a commercial power failure.
- **Complete power panel.** Fully covered; three-phase terminals and single phase receptacles allow fast and convenient hookup for most applications including temporary power boxes, tools and lighting equipment. All are NEMA standard.
- **Fuel/water separator** removes condensation from fuel for extended engine life.
- **EPA emissions certified** - Tier 3 emissions compliant.

DCA125US1 Rev2

CAT Power Plan



DCA125USI Ultra-Silent Series

Specifications

Generator Specifications	
Design	Revolving field, Self-ventilated Drip-proof, Single bearing
No. of Poles	4-pole
Excitation	Brushless with AVR
Standby Output	110 KW (137 KVA)
Prime Output	100 KW (125 KVA)
Generator RPM	1800
Voltage — 3Ø	208, 220, 240, 416, 440, 480V Switchable
Voltage — 1Ø	120, 127, 138, 240, 254, 277V Switchable
Armature Connection	Star with neutral / Zig Zag
Voltage Regulation (No load to full load)	±0.5%
Power Factor	0.8
Frequency	60 Hz
Frequency Regulation: No Load to Full Load	isochronous under varying loads from no load to 100% rated load
Frequency Regulation: Steady State	±0.25% of mean value for constant loads from no load to full load
Insulation	Class F
Sound Level dB(A) Full load at 23 feet	65

Engine Specifications	
Make/Model	Isuzu / 4HK1X
Emissions	EPA Tier 3 Certified
Starting System	Electric
Design	4-cycle, watercooled, direct injection, turbocharged, air to air intercooled
Displacement	5193 cc
No. cylinders	4
Bore x Stroke (mm)	115 x 125
Gross Engine Power Output	170.3 hp (127 kW)
HP at Rated Speed	152.3 hp (113.6 kW)
BMEP	212 psi (1458 kPa)
Piston Speed	1480 ft/min (7.50 m/s)
Compression Ratio	17.5 : 1
Engine Speed	1800 rpm
Overspeed Limit	2070 rpm
Oil capacity gallons (liters)	6.1 (23.4)
Battery	12V 128 Ah x 1

Fuel System		
Recommended Fuel	ASTM-D975-No.1 and No. 2-D	
Maximum Fuel Flow (per hour)	19.0 gal (71.0 L)	
Maximum Inlet Restriction (H _g)	8.9 in (225 mm)	
Fuel Tank Capacity	169 gal (640 L)	
Fuel Consumption	gph	lph
at full load	7.3	27.6
at 3/4 load	5.7	21.7
at 1/2 load	4.0	15.1
at 1/4 load	2.4	9.1

DCA125USI Rev 2

Cooling System	
Fan Load	4.4 hp (3.3 kW)
Coolant Capacity (with radiator)	5.2 gal (19.7 L)
Coolant Flow Rate (per minute)	48 gal (180 L)
Heat Rejection to Coolant (per minute)	3500 Btu (3.7 MJ)
Heat Rejection from Engine (per minute)	1040 Btu (1.1 MJ)
Maximum Coolant Friction Head	6.5 psi (45.0 kPa)
Maximum Coolant Static Head	29.5 ft (9.0 m)
Ambient Temperature Rating	104°F (40°C)

Air	
Combustion Air	297 cfm (8.4 m ³ /min)
Maximum Air Cleaner Restriction	25.0 in H ₂ O (6.25 kPa)
Alternator Cooling Air	1352 cfm (38.3 m ³ /min)
Radiator Cooling Air	2944 cfm (83 m ³ /min)

Exhaust System	
Gas Flow (full load)	738 cfm (20.9 m ³ /min)
Gas Temperature	986°F (530°C)
Maximum Back Pressure	53.2 inH ₂ O (13.3 kPa)

Amperage	
Rated Voltage	Maximum Amps
1Ø 120 Volt	277.8 Amps (4 wire)
1Ø 240 Volt	138.9 Amps (4 wire)
3Ø 240 Volt	300 Amps
3Ø 480 Volt	150 Amps
Main Line Circuit Breaker Rating	300 Amps
Over Current Relay Trip Set Point	152 Amps

Warranty*

Isuzu Engine
12 months from date of purchase with unlimited hours or 24 months from date of purchase with 2000 hours (whichever comes first).

Generator
24 months from date of purchase or 2000 hours (whichever occurs first).

Trailer

12 months excluding normal wear items.

*Refer to the express written, one-year limited warranty sheet for additional information.

Generator is not intended for use in enclosed areas or where free flow of air is restricted. Backfeed to a utility system can cause electrocution and/or property damage. Do not connect to any building's electrical system except through an approved device.
Specifications are subject to change without notice.

CAT Power Plan



DCA125USI Ultra-Silent Series

MQ POWER DECIBEL LEVELS

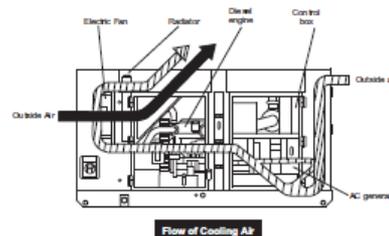
Our soundproof housing allows substantially lower operating noise levels than competitive design. WhisperWatts™ are at home on construction sites, in residential neighborhoods, and at hospitals — just about anywhere.

- 90 — Subway / truck traffic
- 80 — Average city traffic
- 70 — Inside car at 60 mph
- 65 — **WhisperWatt™ at 23 feet**
- 60 — Air conditioner at 20 feet
- 50 — Normal conversation

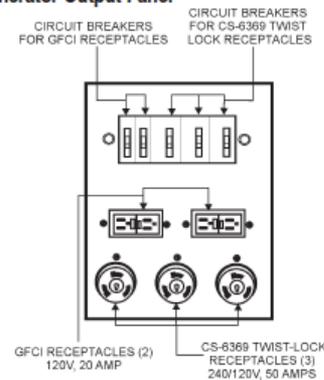
65.0
DECIBELS

Ultra-Silent Features

- ❑ **Low Noise Muffler**— Large capacity low noise muffler minimizes exhaust sound.
- ❑ **Soundproof Casing**— The new design divides the cabinet into three sections, separating the engine, muffler and radiator for more efficient cooling and reduces noise from the engine and fans.
- ❑ **New Cooling System**— An advanced design uses two separate air intake systems to cool the generator. The engine fan draws air in to cool the engine and generator housing while a second electric fan directly cools the radiator. With less air being drawn into the generator through each fan, considerably less noise is produced through the top of the generator.
- ❑ **Environmental Design** — Constructed using an integrated environmental skid and fuel tank. This design fully contains fuel leakage and any liquid that might leak from the engine such as lube oil or radiator coolant. All potentially hazardous liquids are contained without contaminating the surrounding area.



Generator Output Panel



Optional Control Features

- ❑ **Audible alarm** alerts operator of abnormal conditions.
- ❑ **Low coolant level shutdown system** provides protection from critically low coolant levels. Includes control panel warning light.
- ❑ **Emergency stop switch**

Optional Generator Features

- ❑ **Battery charger** — provides fully automatic and self-adjusting charging to the generator's battery system.
- ❑ **Jacket water heater** — for easy starting in cold weather climates.
- ❑ **Special batteries** — long life batteries provide extra engine cranking power.
- ❑ **Spring isolators** — provides extra vibration protection for standby applications.
- ❑ **Trailer mounted package** — highway legal, double axle trailer with electronic or surge brakes.

Optional Output Connections

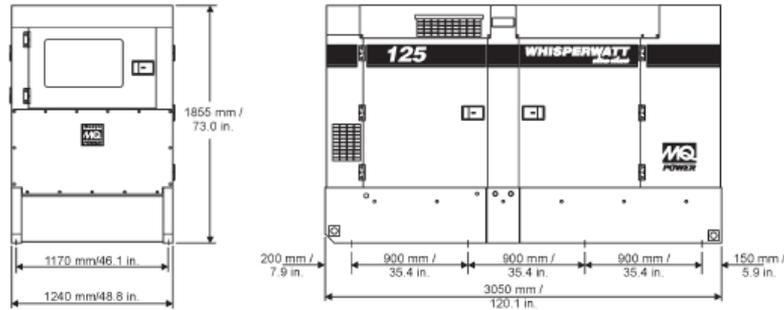
- ❑ **Cam-Loks** — provides quick disconnect alternative to bolt-on connectors.
- ❑ **Pin and Sleeve Connectors** — provides industry standard connectors for all voltage requirements.
- ❑ **Output Cable** — available in any custom length and size configuration.

CAT Power Plan

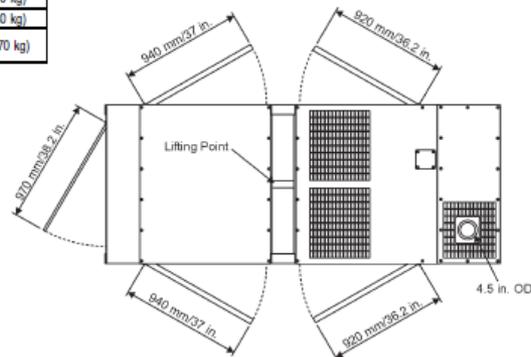


DCA125USI
Ultra-Silent Series

Dimensions



Weight	
Dry Weight	5689 lb (2580 kg)
Wet Weight	7012 lb (3180 kg)
Max. Lifting Point Capacity	14060 lb (6370 kg)



Manufactured by Denyo Co.

Your MQ Power dealer is:



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 FAX: 310-604-3831
 E-MAIL: mqpower@multitqp.com
 WEBSITE: www.mqpower.com

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 Rev 2 (10-10) DCA125USI

CAT Power Plan

XQ 200 RENTAL



Shown without optional trailer

STANDBY 200 kW
PRIME 182 kW
POWER MODULE
60 Hz 1800 rpm 480V

Frequency	Voltage	Standby kW (kVA)	Prime kW (kVA)
60 Hz	480/277V	200 (250)	182 (227.5)
60 Hz	240/139V	200 (250)	182 (227.5)
60 Hz	208/120V	200 (250)	182 (227.5)

FEATURES

FUEL/EMISSIONS STRATEGY

- EPA Tier 4 Interim and CARB Certified for Non-Road Mobile applications at all 60 Hz ratings

SINGLE-SOURCE SUPPLIER

- Factory designed and fully prototype tested with certified torsional vibration analysis available
- ISO 9001:2000 compliant facility

CAT® C7.1 Interim 4 ACERT™ DIESEL ENGINE

- Utilizes ACERT Technology and Cat NOx Reduction System (NRS)
- Cat CEM exhaust after treatment
- Four-stroke diesel engine combines consistent performance and excellent fuel economy with minimum weight
- Electronic engine control

CAT LC SERIES GENERATOR

- Matched to the performance and output characteristics of Cat engines
- UL 1446 Recognized Class H insulation

CAT EMCP 4.2 CONTROL PANEL

- Fully featured power metering, protective relaying and engine/generator control and monitoring
- Simple user friendly interface and navigation
- Automatic set-point adjustment

CAT DIGITAL VOLTAGE REGULATOR (CDVR)

- Three-phase sensing
- Adjustable volts-per-hertz regulation
- Provides precise control, excellent block loading, and constant voltage in the normal operating range

ENCLOSURE

- Highly corrosion resistant 12 gauge galvanealed sheet steel construction
- Two coat polyester powder-coated finish
- Six access doors for ease of maintenance
- Secure and safe design with safety glass control panel viewing window with lockable access door
- Fuel fill and battery can only be reached through lockable access doors
- Certified single point lifting eye and lifting points on the base frame

DISTRIBUTION PANEL

- Switchable voltage from 480/277V 3 phase to 240/139V 3 phase (can be adjusted down to 208/120V 3 Phase), 240/120V 1 phase

REAR CUSTOMER ACCESS

- Separate control panel and distribution panel access doors
- Hinged door over main bus connectors
- Emergency stop on panel
- Remote start/stop contacts

ENVIRONMENTALLY FRIENDLY DESIGN

- EPA Tier 4 Interim certified
- 110% spill containment of onboard engine fluids
- Meets 71 dB(A) at 7 m per SAE J1074

RENTAL READY FEATURES

- Anti-condensation heater 110-120 VAC
- Coolant heater 110-120 VAC
- UL Listed battery charger
- Solar powered battery maintainer
- Cam lock distribution system

CAT Power Plan



X Q 200 RENTAL

FACTORY INSTALLED STANDARD EQUIPMENT

SYSTEM	STANDARD EQUIPMENT
Air Inlet	Air cleaner, two stage cyclonic/paper with dust cup and service indicator Series turbocharger and air-to-air aftercooler
Charging System	12V - 100 Amp charging alternator UL/CSA listed 120V-10A battery charger Solar powered battery maintainer
Control Panel	EMCP 4.2 genset mounted controller Automatic start/stop with cool down timer Idle/rated switch Generator Protection features: 32, 32RV, 46, 50/51, 27/59, 81 O/U Metering display: voltage, current, frequency, power factor, KW, WHM, and KVAR
Cooling System	Package mounted radiator with vertical air discharge provides 43° C ambient capability at standby rating 120VAC coolant heater, fuse protected, thermostatically controlled, automatically disconnected on start-up Coolant drain line with internal control valve piped to base-frame Coolant sight gauge, level switch and shutdown 50% Coolant antifreeze with corrosion inhibitor
Distribution System	NEMA 1 steel enclosure with separate hinged, lockable door Main bus connections with hinged load cover with clear Plexiglas window closed for operation 4-pole 800A 100% UL circuit breaker with 12V DC shunt trip wired to load door safety switch Multiple duplex and twist lock receptacles with individual circuit breakers Two wire remote start/stop terminals and 120 VAC shore power connection for rapid starting CamLock distribution system
Enclosure	Sound attenuating, 12gauge galvanealed sheet metal enclosure limits overall noise to 71 dB(A) @ 7m (23') Interior walls and ceilings insulated with sound attenuating foam Black stainless steel pad-lockable latches, doorkeepers on all doors and zinc die-cast hinges/grab handles All components are pretreated for anti-corrosive protection prior to painting with polyester powder coat Painted Cat power module white with Cat rental decals
Engine	EPA approved Tier 4 Interim Cat C7.1 ATAAC heavy duty diesel engine Electronic ADEM™ A4 controls 12VDC energized to shutdown solenoid
Exhaust System	Cat Clean Emissions Module and integrated silencer with flexible connectors
Fuel System	350 gal fuel tank, UL listed, double wall, 24 hr runtime @ 100% prime rating Fuel cooler, primary fuel filters with Integral water separator, and engine mounted secondary Switch operated electric priming pump Interconnected three way fuel for switching between remote and Integral tank
Generator	Three-phase, random wound, 12-lead design, 0.667 p/Hz Screen protected and drip proof, self regulating, brushless generator with fully interconnected damper windings, IC06 cooling system and sealed for life bearings Class H insulation with coastal insulation protection. Windings are impregnated in a triple dip, thermo-setting moisture, oil and acid resisting polyester varnish. Heavy coat of anti-tracking varnish for additional protection against moisture and condensation Permanent magnet provides 350% short circuit, enhanced motor starting and non-linear performance 120VAC anti-condensation heater Cat digital voltage regulator (Cat DVR) with VAR/PF control
Lube System	Lubricating oil system including pump, Integral oil cooler, lube oil, filter, open crankcase breather with filter Oil drain line with internal valve routed to connection point accessible from exterior 500 hour oil change intervals
Mounting System	Generator set soft mounted to the heavy duty, fabricated steel base frame using captive anti-vibration pads between the generator set and base-frame to ensure complete isolation of rotating assemblies Base frame includes Integral fuel tank and provides 110% spill containment of all engine fluids
Starting System	Single 12V electric starting motor on engine One 12V-1000 CCA Cat brand maintenance free battery with disconnect switch, battery rack, and cables Glow plugs fitted on the engine
General	Factory testing of standard generator set and complete power module Full manufacturer's warranty O&M manuals
	OPTIONAL EQUIPMENT
Available Options	Canadian Standards Authority certification (CSA) Transport Canada compliant fuel tank (IBC CGSB43) Tandem axle trailers with either hydraulic or electric brakes

CAT Power Plan

XQ200 RENTAL



TECHNICAL DATA

CAT GENERATOR		ENGINE	
Frame Size	LC5034H	Manufacturer	Caterpillar
Pitch	0.667	Model	C7.1
No. of poles	4	Type	4-cycle
Excitation	Static regulated brushless PM excited	Cylinder configuration	In-line 5
Number of bearings	Single bearing, close coupled	Displacement – L (cu in)	7.01 L (427.7 in ³)
Insulation	Class H	Bore – mm (in)	105mm (4.13 in)
Enclosure	Drip proof IP23	Stroke – mm (in)	135 mm (5.3 in)
Alignment	Pilot shaft	Compression ratio	16.5:1
Overspeed capability – % of rated	125% of rated	Engine RPM	2200
Voltage regulator	3 phase sensing with Volts-per-Hertz	Aspiration	ATAAC
Voltage regulation	Less than ± 1/2% voltage gain	Fuel system	MEUIC
Wave form deviation	Adjustable to compensate for engine speed droop and line loss	Governor type	ADEM™ A4
Telephone Influence Factor (TIF)	2%	Fuel	Requires ULSD
Harmonic Distortion (THD)	Less than 5%		

Materials and specifications are subject to change without notice.

Generator Set Technical Data	Units	60Hz	60Hz
		Standby	Prime
Power Rating	KW (KVA)	200 (250)	182 (227.5)
Performance Specification		DM	DM
Lubricating System			
Oil pan capacity	L (gal)	16(4.3)	16(4.3)
Fuel System			
Fuel consumption			
100% Load	L/hr (gal/hr)	59.5 (15.7)	53.1 (14.0)
75% Load	L/hr (gal/hr)	44.6 (11.8)	39.8 (10.5)
50% Load	L/hr (gal/hr)	29.8 (7.9)	27.8 (7.3)
Fuel Tank Capacity	L (gal)	1295 (350)	1295 (350)
Running time @ 75% rating	Hr	29	33
Cooling System			
Ambient Capability	°C (°F)	43	43
Engine & Radiator coolant capacity	L (gal)	28 (7.6)	28 (7.6)
Engine coolant capacity	L (gal)	11.5 (3.1)	11.5 (3.1)
Air Requirements			
Combustion air flow	m ³ /min (cfm)	14.3 (505)	13.6 (480.3)
Maximum dirty air cleaner restriction	kPa (in H ₂ O)		
Exhaust System			
Exhaust flow at rated	m ³ /min (cfm)	N/A	13.1 (462.6)
Exhaust temperature at rated kW – dry exhaust	°C (°F)	506 (942.8)	N/A
Noise Rating (with enclosure)* @ 7 meters (23 feet)	dB(A)	71	71
Emissions (Tier 4 Interim regulation)			
NOx	g/hp-hr	1.9	1.9
CO	g/hp-hr	.2	.2
HC	g/hp-hr	.02	.02
PM	g/hp-hr	.005	.005

Model	Length mm (in)	Width mm (in)	Height mm (in)	Weight with Lube oil and Coolant kg (lb)	Weight with fuel, lube oil and coolant kg (lb)
XQ200 w/o trailer	4053 (161)	1401(52)	2162(85)	4053 (8916)	5300 (11650)
XQ200 w/ trailer	5019 (237)	2235(88)	2577(101)	4969 (10932)	6300 (13860)

CAT Power Plan

XQ200 RENTAL



CONTROL PANEL

FEATURES

- EMCP 4.2 engine operator interface
- Battery charger indicator
- Fuel level display
- Idle /rated switch
- Panel light momentary pushbutton
- Voltage adjust potentiometer
- Regeneration alarm indications for DPF 80% soot level and high exhaust temperature
- Coolant alarm
- Emergency stop pushbutton
- Alarm horn
- Convenient service access for Cat (service tools not included).

EMCP 4.2 ENGINE OPERATOR INTERFACE

- Controls
 - Run/Auto/Stop
 - Speed Adjust
 - Cool-down timer
 - Emergency Stop
 - Cycle crank
- Engine Monitoring:
 - RPM
 - Operating hours
 - Coolant Temperature
 - DC Volts
 - Oil pressure
 - Oil Temperature
- True RMS AC metering, 3 phase
 - L-L volts, L-N volts, phase amps
 - Average volts, Amps, Frequency
 - ekW, kVA, kVAR, kW-hr, %kW
 - Power Factor (Average, Phase)
 - kW-hr, kVA-hr (total)
- Shutdowns with common indicating light for:
 - Low oil pressure
 - High Coolant Temp
 - Failure to Start (Overcrank)
 - Emergency stop
 - Overspeed
 - High Oil Temperature
 - Low Coolant level
- Fuel level monitoring and control.

EMCP 4.2 GENERATOR PROTECTIVE RELAYING

- Generator protective features provided by EMCP 4.2
 - Phase over/under voltage (Device 27/59)
 - Over/Under frequency (Device 81 O/U)
 - Reverse Power (Device 32/32RV)
 - Current Balance (48)
 - Overcurrent (Device 50/51) (GCB trip unit)
 - Loss of Excitation (Device 40) (CDVR)
 - Generator Phase Sequence



DISTRIBUTION PANEL

- One 4 pole 800 A MCCB, with 12 VDC shunt trip coil activated on any monitored engine or electrical
- Under-voltage release NEMA 1 steel enclosure with hinged lockable door with clear Plexiglas window
- Bus bars are sized for full load capacity of the generator set at 0.8 power factor.
- Includes ground bus, tin-plated copper, for connection to the generator frame ground and field ground cable.
- Customer convenience panel with multiple output receptacles:
 - 1 – 125V, 30 A single phase auxiliary supply
 - 2 – 240V, 50A California style Twist Lock.
 - 2 – 120/208V, 20A Twist Lock.
 - 2 – 120V, 20A Duplex Receptacles with GFI..
- CamLock distribution system
- Consistent 120VAC output from GFCI receptacles independent of bus bar voltage

AC DISTRIBUTION

- Provides 120 VAC for all module accessories.
- Includes controls to de-energize jacket water heaters, battery charger, and generator space heater when the engine is running.

CAT Power Plan

X Q 200 RENTAL



RATING DEFINITIONS AND CONDITIONS

Meets or Exceeds International Specifications:
CSA 22.0 No. 100, IEC60034-22, ISO3045, ISO8528,
NEMA MG1-22, NEMA MG1-16, UL1004B, NEC,CEC,
2006/42/EEC, 2006/95/EC, 2004/108/EC, 2000/EC/14,
UL142, Ulo601, IBC CGSB43, API 546, EGSA 101P,
IEEE 43, DEFRA, UL1741, NFPA 99/110, OSHA,
97/68/EC, BS4999, BS5000, IEC60034-5

Fuel Rates are based on fuel oil of 350 API (160C (600F))
gravity having an LHV of 42780 kJ/kg (18390 Btu/lb) when
used at 290C (850F) and weighing 838.9 g/liter
(7.001 lb/U.S. gal). Additional ratings may be available for
Specific customer requirements, contact your Caterpillar
Representative for details. For information regarding Low
Sulfur fuel and biodiesel capability, consult your Cat
Dealer.

Standby – Applicable for supplying continuous electrical
power (at variable load) in the event of a utility power failure.
No overload is permitted on these ratings. The generator on
the generator set is peak prime rated (as defined in ISO852
at 30° C (86° F).

Ratings are based on SAE J1349 standard conditions.
These ratings also apply at ISO0346 standard
conditions.

Prime – Applicable for supplying continuous
electrical power (at variable load) in lieu of
commercially purchase power. There is no
limitation on the annual hours of operation and the
generator can supply 10% overload power.

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LEHX0011-00 (05/12)

CAT Power Plan

RENTAL

CATERPILLAR



Arrangement shown with optional trailer with pintle hitch.

XQ400 SOUND ATTENUATED

60 Hz

FEATURES



EMISSIONS

- EPA Tier II and CARB Emissions Certified for non-road mobile applications



CAT 3456 ATAAC DIESEL ENGINE

- Reliable, rugged, durable design
- Field-proven in thousands of applications worldwide
- Four-stroke-cycle diesel engine combines durability with minimum weight while providing dependability and economy



CAT SR4B GENERATOR

- Designed to match performance and output characteristics of Caterpillar diesel engines
- Optimum winding pitch for minimum total harmonic distortion and maximum efficiency
- Segregated AC/DC, low voltage accessory box provides single point access to accessory connections



ENCLOSURE

- Made with 12-gauge steel
- Single point lifting eye
- Sound attenuated
- Convenient hand holds and steps for safe operation

ENVIRONMENTALLY FRIENDLY DESIGN

- Sound attenuated for low noise operation
- OSHA compliant safe design
- Spill containment for coolant, oil and fuel

MULTI-VOLTAGE DISTRIBUTION PANEL

- Load door safety switch, engine faults, and shut down system
- Rust-free hinges on rear opening door
- Adequate space for line and plug connection without interference
- Remote start and stop contacts

SINGLE-SOURCE SUPPLIER

- Complete systems designed at Caterpillar ISO9001 certified facilities
- **Certified Prototype Tested** with torsional analysis

WORLDWIDE PRODUCT SUPPORT

- Worldwide parts availability through the Caterpillar dealer network
- With over 1,200 dealer outlets operating in 166 countries, you're never far from the Caterpillar part you need
- 99.5% of parts orders filled within 48 hours. The best product support record in the industry
- Caterpillar dealer service technicians are trained to service every aspect of your electric power generation system

LEHX0758-02



WHERE THE WORLD TURNS FOR POWER

CAT Power Plan

RENTAL

CATERPILLAR

FACTORY INSTALLED STANDARD & OPTIONAL EQUIPMENT

STANDARD FEATURES	
Air Inlet System	Air cleaner, dual element Turbocharger
Charging System	Battery charger Heavy duty charging alternator
Control Panel	Generator controls and monitoring Fuel tank monitoring Engine controls and monitoring Digital displays
Cooling System	Fan and belt guards Base mounted radiator
Distribution Panel	Lockable doors Individual bus bar connections Circuit breakers Remote start/stop contacts Shore power connections
Enclosure	Sound attenuated Load door safety switch, engine faults and shut down system 12-gauge steel Lockable doors Separate vented battery compartment Single point lifting arch Exterior oil and water drains Hidden exterior fuel drain Hand holds and steps
Fuel System	Primary fuel filter/water separator Spill containment dike 1780 L (470 Gal) dual wall fuel tank
Generator	Brushless, permanent magnet Coastal corrosion protection Shock mounted VR3 voltage regulator Space heater
Mounting System	Generator soft mounted to base Base contains integral fuel tank Skiddable structural steel design
Starting System	Electric starting motor Battery set with disconnect switch Jacket water heater with thermostat, shut-off valves

OPTIONAL FEATURES	
Trailer	Full frame support Independent tandem axle trailer frame with tongue Electric brakes with safety breakaway Full length fenders Non-skid surface on steps Heavy duty safety chains and grab hooks Reinforced 4540 kg (10,000 lb) top wind drop jack

SPECIFICATIONS

CAT SR4B GENERATOR	
Frame size	450
Type	Permanent magnet brushless
Construction	Single bearing, close coupled
Three phase	12 lead reconnectable
Insulation	Class H with coastal insulation protection
IP rating	22
Alignment	Pilot shaft
Overspeed capability	
Prototype tested	150%
Production tested	125%
Wave form	Less than 5% deviation
Voltage regulator	3 phase sensing with Volts-per-Hertz no load
Voltage regulation	±½% steady state/±1% full load
TIF	Less than 50
THD	Less than 5%

CAT ENGINE	
3456 ATAAC, 4-stroke-cycle watercooled diesel	
Bore — mm (in)	140 (5.5)
Stroke — mm (in)	171 (6.75)
Displacement — L (cu in)	15.8 (966)
Compression ratio	16.0:1
Aspiration	Turbocharged-ATAAC

CAT CONTROL PANEL	
24 Volt DC Control	
NEMA 1, IP22 enclosure	
Lockable hinged door	
Generator instruments meet ANSI C-39-1	
Enclosure mounted	
Single location customer connector point	

Consult your Caterpillar dealer for available voltages.

LEHX0758-02

CAT Power Plan

RENTAL

CATERPILLAR

TECHNICAL DATA

		XQ400	
		Standby	Prime DM6125
Power Rating			
60 Hz	ekW	400	365
Engine and Container Information		3456 ATAAC see chart on next page	
Engine model			
Container dimensions			
Shipping Weight (Dry)			
Unit with trailer	kg (lb)	7620 (16,800)	
Unit without trailer	kg (lb)	6267 (13,860)	
Maximum Fuel Capacity Weight			
Unit with trailer	kg (lb)	9280 (20,458)	
Unit without trailer	kg (lb)	7946 (17,518)	
Engine Lubricating Oil Capacity	L (Qts)	38 (39.9)	
Engine Coolant Capacity with Radiator	L (Gal)	64 (17)	
Fuel Tank Capacity	L (Gal)	1780 (470)	
Fuel Consumption with Fan	L/hr (Gal/hr)	109.8 (29.0)	97.3 (25.7)
Fuel Consumption (75% Prime) with Fan	L/hr (Gal/hr)		74.1 (19.6)
Running Time @ 75% Prime	hours		24
Sound Level			
Standby	dBA		75.35
No load @ 7 m (23 ft)	dBA		72.65

RATING DEFINITIONS AND CONDITIONS

Meets or Exceeds International Specifications:

- ABGSM TM3, AS1359, AS2789, BS4999, BS5000, BS5514, DIN6271, DIN6280, EGSA101P, IEC34/1, ISO3046/1, ISO8528, JEM1359, NEMA MG1-22, VDE0530, 89/392/EEC, 89/336/EEC

Standby — Output available with varying load for the duration of the interruption of the normal source power. Standby power in accordance with ISO8528. Fuel stop power in accordance with ISO3046/1, AS2789, DIN6271, and BS5514.

Prime — Output available with varying load for an unlimited time. Prime power in accordance with ISO8528. 10% overload power in accordance with ISO3046/1, AS2789, DIN6271, and BS5514 available on request.

Ratings are based on SAE J1349 standard conditions. These ratings also apply at ISO3046/1, DIN6271, and BS5514 standard conditions.

Fuel rates are based on fuel oil of 35° API (@ 16° C (60° F)) gravity having an LHV of 42 780 kJ/kg (18,390 Btu/lb) when used at 29° C (85° F) and weighing 838.9 g/liter (7.001 lbs/U.S. gal.).

Additional ratings may be available for specific customer requirements. Consult your Caterpillar representative for details.

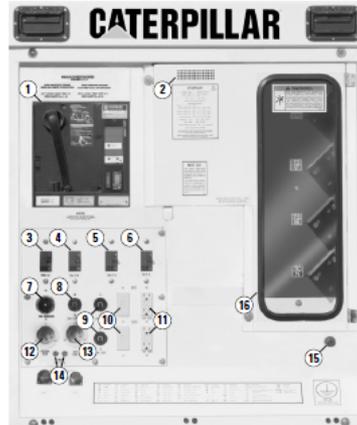
LEHX0758-02

CAT Power Plan

RENTAL

CATERPILLAR

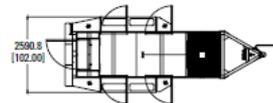
DISTRIBUTION PANEL



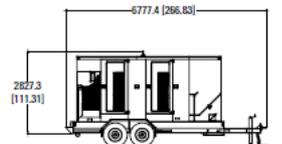
Wiring Descriptions

1. 1600A main breaker 240V/480V with adjustable trip and 24V DC shunt trip
2. Voltage change over board
3. 50 amp 240V branch breaker
4. 20 amp 240V branch breaker
5. 20 amp 120V branch breaker
6. 15 amp 120V branch breaker
7. 50 amp 240V twistlock receptacle
8. 20 amp 240V twistlock receptacle
9. 20 amp 120V twistlock receptacle
10. 20 amp 120V ground fault interrupter
11. 15 amp 120V ground fault interrupter duplex receptacle
12. 30 amp 120V battery charger/generator space heater receptacle
13. 30 amp 120V JWH receptacle
14. Remote start/stop contacts
15. 12.7 mm (1/2") ground stud
16. Load connection bus board [6.35 mm x 101.6 mm x 101.6 mm (1/4" x 4" x 4") bus bars]

CONTAINER DIMENSIONS — TOP VIEW



CONTAINER DIMENSIONS — RIGHT SIDE VIEW



	Package Dimensions			
	Enclosure		With Trailer	
Length	5080 mm	200 in	6777.4 mm	266.83 in
Width	1549 mm	61 in	2590.8 mm	102 in
Height	2827.3 mm	111.31 in	3302 mm	130 in

www.CAT-ElectricPower.com

U.S. sourced

TMI Reference No.: DM6125

LEHX0758-02 (4-02)

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Materials and specifications are subject to change without notice.
The International System of Units (SI) is used in this publication.

Whatever, USA

Lighting Plan

Lighting Plan

Elk Avenue Lights and Placement

(business must opt in to participate)

- Par can lighting will be used to accent the Elk street businesses; lights will be covered in a blue gels to provide a blue hue on the street
- Par cans will be position on lighting towers in various positions on Elk avenue; final placement dependent on business needs and lamp capabilities; Lighting towers are industry standard truss beams attached to a G block for added stability
- Small LED fixture will be used on various business to up light blue hue

Main Street Arch Way

- Arch way will use blue neon tubing that will outline branded sign and city scape design
- Branded product bottle will use single lighted fixture that will project a beam of white into sky

Main Street Stage

- Main St. stage will serve as a concert platform for various performances
- set up will include standard concert lighting packages which include stage wash pars, up lighting pars, moving head lights intelligent fixtures and strobes.

Big Mine

- Reference pg. 8 of Operations Plan to view current plan for exterior Big Mine lighting elements
- Elements will include various carnival style rides which will illuminate light outside of current plan footprint

Lighting Plan

Elk Avenue & Big Mine Arena Light Times

All light on Elk Avenue will be scheduled on/off by the below times

Date	Duration	Location	Conditions
9/5-9/6	Dusk. – 10:00 p.m.	Elk Avenue	All event lighting and fixtures will follow the times listed ; full power and on and off at these times
9/5-9/6	10:00 p.m. - 1:00 a.m.	Big Mine Arena	All event lighting and fixtures will follow the times listed ; full power and on and off at these times

Whatever, USA

Sound Plan

Sound Plan

Elk Avenue Sound

- Various speaker stacks and components will be used throughout Elk Ave, to create ambient sound of performances and acts
- Speakers will be mounted on lighting towers to minimize ground footprint and remove them from pedestrians access
- Estimated Sound Level – 80 dB(A)

Main Street Stage

- Main St. stage will serve as a concert platform for various performances
- set up will include standard concert sound packages used to amplify performances and acts; line array systems and subs will be used
- Estimated Sound Level – 100 dB(A)

Big Mine

- Main St. stage will serve as a concert platform for various performances
- set up will include standard concert sound packages used to amplify performances and acts; line array systems and subs will be used
- Late night sound will be present; see relocation plan for alternative residential options
- Estimated Sound Level – 120 dB(A)

Sound Plan

Elk Avenue & Big Mine Arena Sound Amplification Times

All light on Elk Avenue will be scheduled on/off by the below times

Date	Duration	Location	Conditions
9/5	Dusk. – 10:00 p.m.	Elk Avenue	All external event sound will follow the times listed ; power and on and off at these times
9/6	10:00 a.m. – 10:00 p.m.	Elk Avenue	All external event sound will follow the times listed ; power and on and off at these times
9/5-9/6	10:00 p.m. – 1:00 p.m.	Big Mine Arena	All external event sound will follow the times listed ; power and on and off at these times

Whatever, USA

Signage & Architectural

Signage & Architectural Plan

Elk Avenue Store Front Packages

- Creative design elements have been produced to accent current Elk Ave. business offerings; with an event branded twist
- Event signage will be applied to participating business signage and windows
- Business will be allowed to have final approval on all designed elements
- Signage and window graphics will use temporary materials

Architectural Elements

- Various creative architectural elements have been produced to accent the streets of Elk Ave. during the event
- Elements are temporary and do not affix to any current town buildings/business or fixtures
- These elements may include; oversized theatrical props, small platform stages, street festival games, art installations and bill posting walls

**** See actual Master Site CAD for details****

Signage & Architectural Plan

Big Mine Carnival Elements

- Big Mine Arena will serve as a private party concert venue on 9/5 and 9/6
- The majority of the experience will take place within the arena but various experience elements will be stationed in arena parking lot;
- Elements will include such rides as :Gondola Wheel, Pharaoh's Fury and a Carousel. As well as, four Carnival Games: Long Range Basketball, Ring a bottle and two other games
- Carnival experience provider is *Brown's Amusement Inc*, which is licensed to operate in the state of Colorado/Gunnison County; has provided services to the town of Crested Butte in the past; carries 5 mil in GL liability coverage

Big Mine Carnival Ride Specifications

- Gondola Ferris Wheel
 - 60" H, 52' W, 32' L
 - <http://www.brownsamusements.com/midway/ride-details.asp?id=154>
- Pharaoh's Fury
 - 50' H, 80' W, 37'L
 - <http://www.brownsamusements.com/midway/ride-details.asp?id=130>
- Carousel

**** See actual Master Big Arena Site CAD for details****

Whatever, USA

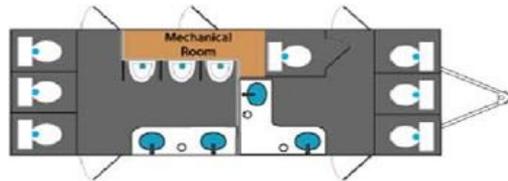
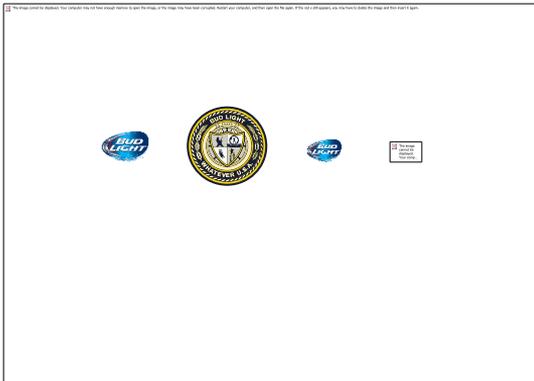
Restroom Facilities

Restroom Plan



Large Trailer (x2)

- 28 foot trailer with Men's and Women's restrooms
- 6 Men's toilets
- 4 Women's toilets
- 2 sinks on each side
- Running water, heat and a/c



Small Trailer (x2)

- 20 foot trailer with Men's and Women's restrooms
- 1 Men's toilet
- 2 Women's toilets
- 1 sink in each unit
- Running water, heat and a/c
- One unit placed in town

Whatever, USA

Waste Management

Waste Management Plan

Containers

- 50 Branded recycle and garbage bins (to be emptied each night from AB-CSR Environment)
- Will also purchase 1,500 bags
- Placed on street and in front of accounts

Supplemental large dumpsters stationed at the firehouse for easy pickup

Staffing

- Supplemental staffing to be provided by Joy Henning at Waste Management (final numbers TBD) Additional support from Fusion ground team
- Bin monitoring and disposal to primary bins

Operations

- Trash and recycling trucks will be staged at the bone yard (Public Works)
- Pickup will be done Friday night and Saturday night – additional if needed
- Joy to alert accounts of where they need to take their bags of recyclables and trash. Supplemental staff will assist
- Normal trash day is Friday, WM will notify those in affected area that trash day will move to Thursday for this round



Waste Management Plan

Supplemental Dumpster Placement

- Off 3rd and Mine near Fire House (see map below)

■ Dumpster Placement



Whatever, USA

Painting Plan

Painting Plan

WUSA Painting Plan -

Location: Elk Avenue - West side of 4th to Kochevars on Elk

Items:

Benches - 26

bike rack - 28

street poles – 25

Schedule:

Benches and bike racks will be painting off site beginning 8/26/14

Street light poles painted 9/1-9/4

8/26/15: Park and Rec and Precise Painting will coordinate the painting of the benches and bike racks.

Precise Painting will spray paint items at shop and use Town Parks & Rec Shop as overflow if needed.

Precise will bring in benches/bike racks from locations off Elk Ave. to be painted ahead of time and then swap blue benches for green the week of the 2nd.

Painting Plan

9/7/14: Given a one week deadline, repainting the poles to original green color will begin. Poles will be Brush painted.

9/7/14: Given a two week deadline, repainting the benches and bike racks will begin.

Street Painting: The painting of the Elk will take place during the week of the 9/2/14. Timing will be weather dependent.

9/7/14: During the evening hours, Elk Avenue will be swept by street sweeper

9/8/14: Painted portion of Elk will be resealed by Seal Co. or Slury Seal

9/9/14: Re-sealed portion of Elk will be re-stripped and cross walks painted

Whatever, USA

*Alternate Community
Activities*

Family/Kid Activities Plan

WUSA Kid Plan

Note: All CB Park and Recreation Teams will be out of town with possibly on girls soccer team on bye for that weekend. All CBCS Titan Middle / High School Sports Teams (soccer/volleyball) will also be out of the town for Saturday games.

Friday 9/5/14:

6:30-9:00 p.m. Kid/Family Movie Night (FREE) 6 year olds and up

Crested Butte Library – War Games with gaming sessions in library to follow

6:30-8:30 a.m. Kid/Family Movie Night (FREE) 1-5 year olds

Stepping Stones – Move TBD with baby sitting (FREE)

6:30 to Kid/Family Movie Night (FREE)

Majestic Theater – 2 movie screens with one G rated movie and one PG-13 movie with complimentary popcorn, candy and soda
waiting on cost estimates this week

Family/Kid Activities Plan

Saturday 9/6/14:

11:00 a.m. - 4:00 p.m. – Town Park

Mini Carnival with Jump houses

Free food and beverage (tbd)

Cost estimate of \$2,000.00+

11:00 a.m. – 4:00 p.m.

Guided CBMR Downhill Biking with free bike rentals
and free gear rentals

Frisbee on hill

Food and beverage

And/or

Mt. Biking tour lead by Gravity Groms out to Gunsight
Pass with food and beverage waiting.

Timing and Pricing on hold – will know if CBMR is
option 8/13/14 meeting with CBMR and Fusion

Whatever, USA
Alternate Delivery Plan

Alternate Delivery Plan

WUSA Alternative Delivery Plan

Working in conjunction with the street closure plan, alternative delivery routes and drop locations will be needed.

The following companies have been notified of possible street closure timing and location to ensure the delivery of mail and other items continue.

Food and Beverage:

Shamrock

Sysco

Unfi (Clark's and Mountain Earth)

Coke

Pepsi

Others (related to specific businesses)

Services:

Paper Clip

Simply Office Supplies

Rac

AlSCO

Alternate Delivery Plan

Mail/Parcel:

USPS

UPS

FedEx

A special drop off location for larger items delivered to businesses such as Studio West via large trucks will be provided a drop off location on the south side of the True Value building. Smaller trucks, and vehicles will be utilized from this location to businesses.

Bubble Wrap will serve as additional drop off location for non-time sensitive packages on 9/6.

Prior to Thursday Night Fence installation, alleys on the north and south sides of Elk Avenue will be utilized for back door deliveries from 4th Street to 1st Streets.

Side streets on Southside 2nd, 3rd and 4th will be utilized for Friday deliveries. Production team will provide staffing to assist delivery to delivery locations on Elk Avenue.

Whatever, USA

Sales Tax Plan

Sales Tax Plan

- The Town of Crested Butte sales tax is 4% which is paid directly to the Town. Total sales tax on transactions is 8.5% of which 4% is the Town's and the remaining 4.5% is made up of 2.9% state, 1% county and 0.6% RTA
- Town of Crested Butte's 4% should be paid directly to the Town, the other 4.5% goes to the state and they will disburse to the appropriate entity.
- Local vendors (Crested Butte businesses) should report it on their September sales tax returns which are due by October 20, 2014. It should be separately broken out on their September sales tax report with a notation of the amount coming from the special event so we can track it.

Whatever, USA

Relocation Plan

Relocation Plan

WUSA Relocation plan

Two locations have been identified by the Town of Crested Butte:

Main Street Stage

(located on the West side of Kochevar's building on Elk Avenue)

In anticipation of increased event traffic and noise levels near this potential marque event location the Town will be approaching residents that fall within a 250-foot radius of the noise source within this venue areas.

(refer to WUSA Elk Ave stage-home map & WUSA Residential address spreadsheet)

Relocation Plan

WUSA Relocation plan

Big Mine Arena (Ice Rink)

In anticipation of increased noise levels and requested scheduled hours near this potential marquee event location the Town will be approaching residents that fall within a 250-foot radius of the noise source within this venue areas.

(refer to WUSA home & rink perimeter map
& WUSA Residential address spreadsheet)

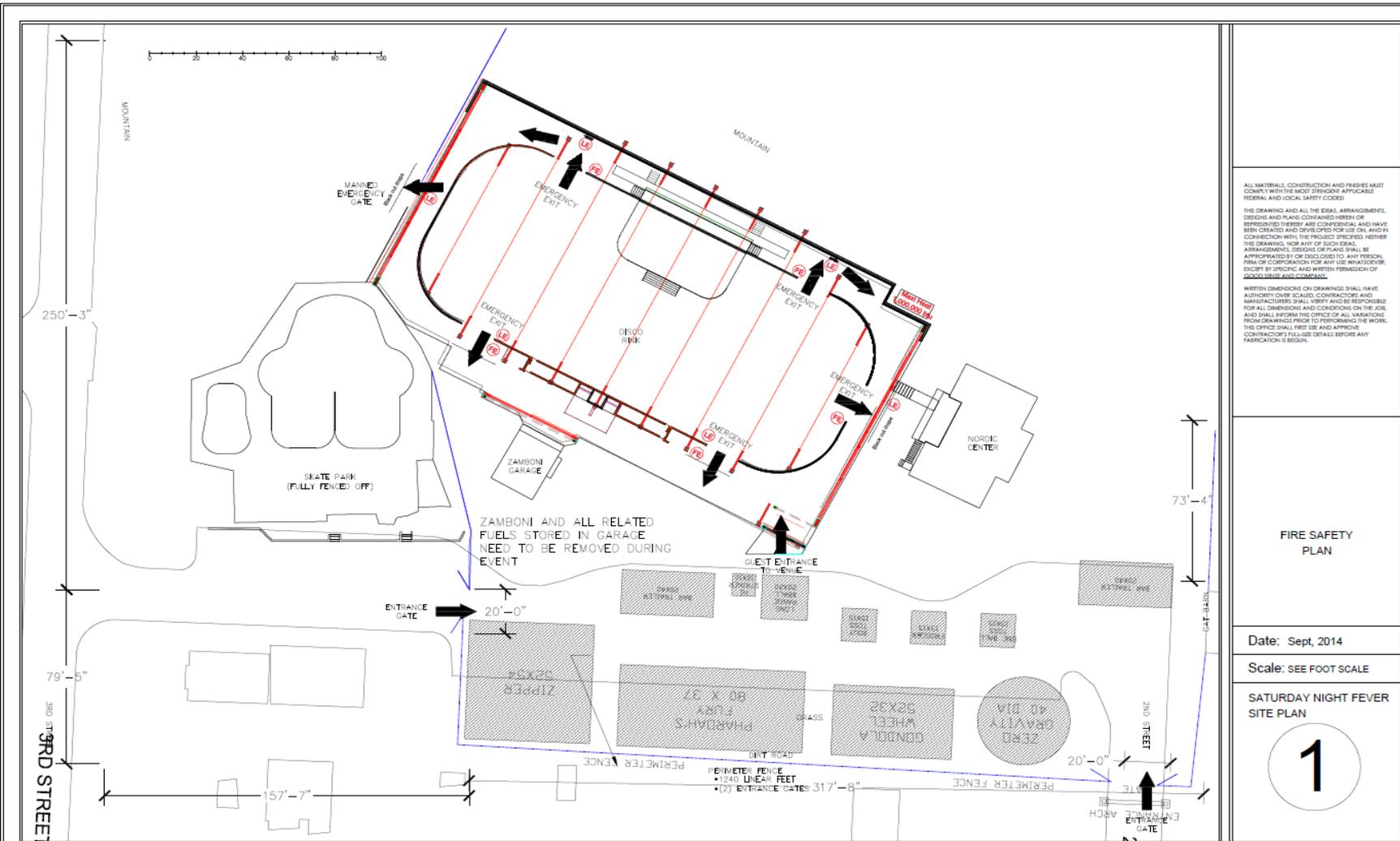
Residents affected by proximity to marquee areas will be offered a “get out of town” weekend get-away option to those residences that fall within the 250-foot radius.

Two locations have been identified as potential two-night (September 5 and 6) weekend get away destinations; in close proximity to Crested Butte

Whatever, USA

Big Mine Arena - Life Safety Plan

Fire Safety & Evac Site Plan



ALL MATERIAL, CONSTRUCTION AND FINISHES MUST COMPLY WITH THE MOST STRINGENT APPLICABLE FEDERAL AND LOCAL SAFETY CODES.

THIS DRAWING AND ALL THE IDEAS, ARRANGEMENTS, DESIGNS AND PLANS CONTAINED THEREIN OR REFERENCED THEREIN ARE CONFIDENTIAL AND HAVE BEEN CREATED AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE PROJECT SPECIFIED. NEITHER THE DRAWING, NOR ANY OF SUCH IDEAS, ARRANGEMENTS, DESIGNS OR PLANS SHALL BE REPRODUCED OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY USE WHATSOEVER, WITHOUT THE WRITTEN PERMISSION OF GOODRICH AND COMPANY.

WRITTEN DIMENSIONS ON DRAWINGS SHALL HAVE AUTHORITY OVER SCALES. CONTRACTORS AND MANUFACTURERS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND SHALL INFORM THE OFFICE OF ALL VARIATIONS FROM DRAWINGS PRIOR TO PERFORMING THE WORK. THIS OFFICE SHALL FIRST SEE AND APPROVE CONTRACTOR'S FULL-SIZE DETAILS BEFORE ANY FABRICATION BEGINS.

FIRE SAFETY PLAN

Date: Sept, 2014

Scale: SEE FOOT SCALE

SATURDAY NIGHT FEVER SITE PLAN

1

**** See actual Colorado Fire Engineer Stamped CAD; to be approved by Fire District****

Fire Safety & Evac Site Plan

CODE REVIEW

PROJECT NAME AND LOCATION
 ICE SKATE CENTER
 1615 WEST 14TH AVENUE, USA
 DENVER, CO 80202

PROJECT DESCRIPTION
 SKATE EVENT AT THE ICE RINK AND
 SURROUNDING AREAS AT THE VENUE

APPLICABLE CODES
 NFPA LIFE SAFETY BUILDINGS CODE 2009
 NFPA LIFE SAFETY CODE 2009
 ADAMS 2015

BUILDING USE AND CONSTRUCTION CLASSIFICATION
 EXISTING STRUCTURE: A-2 ASSEMBLY
 USE GROUP: A-2 ASSEMBLY 303.1

PROPOSED EVENT
 USE GROUP: A-2 ASSEMBLY 303.1

BUILDING AREA
 27,285 S.F. TOTAL COVERED AREA
 24,460 S.F. ASSEMBLY AREA - UNCONCENTRATED - PUBLIC ACCESS (15 NET SFOCCUPANT)
 2,825 S.F. ASSEMBLY AREA - STAGES AND PLATFORMS - NO PUBLIC ACCESS (15 NET SFOCCUPANT)

OCCUPANCY LOADS AND EGRESS REQUIREMENTS

LOADS CALCULATED	AREA IN S.F.	S.F. PER PERSON	OCCUPANT LOAD	EGRESS WIDTH REQ'D	EGRESS WIDTH PROVIDED	NO. OF EXITS	NO. OF EXITS REQUIRED	NO. OF EXITS PROVIDED
ASSEMBLY AREA - ICE RINK	24,460	S.F./30	3630 OCC.	306 IN	864 IN	4	5	5
STAGE AREA	2,825	S.F./15	371 OCC.	52 IN	384 IN	2	5	5

TRAVEL DISTANCE TO EXITS
 MAXIMUM LENGTH OF TRAVEL IN AN UNFURNISHED BUILDING
 IBC CODE 1016.1 FIVE CODE 200 OTHER 1016.1

EGRESS WIDTH
 Egress width at doors: 270CC (TABLE 1105.1) 270CC (TABLE 7.3.3.1)
 Egress width at doors: 1570CC (TABLE 1005.1) 270CC (TABLE and doors 7.3.3.1)

NUMBER OF REMOTE EXITS REQUIRED
 Rooms with 49 Occupants or Less: 1 Exit (1015.1) N/A
 Rooms with More Than 49 Occupants: 2 Exits (1015.1) N/A

Assembly Occupancies
 Class B 50-5000 OCC: 2 Exits (TABLE 1021.1) 2 Exits 7.4.1.1
 Class B 501-1000 OCC: 3 Exits (TABLE 1021.1) 3 Exits 7.4.1.2
 Class A More than 1,000 OCC: 4 Exits (TABLE 1021.1) 4 Exits 7.4.1.2

ADDITIONAL CODE INFORMATION
 ALL TEMPORARY STAGE PLATFORMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 410.4.1
 EGRESS ILLUMINATION SHALL COMPLY WITH 1006.1
 TEMPORARY EXIT SIGNS SHALL COMPLY WITH 1011.1

IN ACCORDANCE WITH SECTION 1002.2, THE MAIN EXIT ENTRANCE FOR THE EVENT SHALL BE OF 90% TO 100% OF THE OCCUPANT LOAD. THE REQUIRED WIDTH OF THE MAIN ENTRANCE SHALL BE 10% OF THE PROPOSED WIDTH (S.F./30) SHOULD THE MAIN ENTRANCE WIDTH CHANGE DURING DESIGN OR BUILD OUT, THEN THE EXCEPTION TO 1002.2 WOULD APPLY TO THE VENUE.

ALL TEMPORARY HEATING SHALL BE IN ACCORDANCE WITH OSMA REGULATION (STAGEWAYS 20) STANDARD NUMBER 1028.154 TITLED TEMPORARY HEATING DEVICES

ALL TEMPORARY FLEX HEATING DUCT NOT TO IMPED OR ANY EMERGENCY EXIT.

EVENT MANAGEMENT WILL PROVIDE A MINIMUM (2) FIRE WATCH PERSONNEL AND (2) CROWD CONTROL PERSONNEL AT EACH ENTRANCE TO THE GROUNDS AND FACILITY. THESE WILL CONTRIBUTE TO THE ORDERLY EVACUATION OF THE FACILITY IN THE EVENT IT IS NECESSARY PER SECTION 403 OF THE INTERNATIONAL FIRE CODE. THE EVENT MANAGEMENT WILL REQUEST EMS SERVICES TO BE STANDING BY AT A LOCATION NEARBY FOR THE DURATION OF THE EVENT

ALL FLAME RESISTANCE CERTIFICATES WILL BE PROVIDED FOR MATERIALS BEING ADDED TO THE BUILDING SUCH AS STAGING AND EGRESS AND WILL BE AVAILABLE ON SITE FOR INSPECTION.

THE EXTERIOR CHARGE LINES WILL NOT EXTEND HIGHER THAN THE LOWER BEAM ON THE SIDES OF THE BUILDING TO ALLOW FOR SMOKE VENTILATION IN THE EVENT OF A FIRE.

EVENT MANAGEMENT WILL TEMPORARILY BLOCK OUT ANY EXISTING EXIT SIGNAGE THAT DO NOT DIRECT PEOPLE TO A STAGING EXIT (I)

LE = LIGHTED EXIT SIGNS
 FE = PORTABLE FIRE EXTINGUISHERS



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 THE DRAWING AND ALL THE SERIAL ARRANGEMENTS, DETAILS AND PLANS CONSIDERED HEREIN ARE REPRESENTED THEREBY AND CONFIDENTIAL AND HAVE BEEN CREATED AND DEVELOPED FOR DESIGN AND IN CONNECTION WITH THE PROJECT TYPE HEREIN. THESE DRAWINGS, SERIALS AND/OR SERIALS ARE ARRANGEMENTS, DETAILS OR PLANS SHALL BE APPROVED BY OR ASSESSED BY ANY PERSON, FIRM OR CORPORATION THAT ANY OF THE ABOVE IS A MEMBER OF THE I.C.A. AND WRITTEN PERMISSION OF I.C.A. SHALL BE OBTAINED.

WHEN DRAWINGS OR DRAWINGS BEING MADE BY ARCHITECT OR ARCHITECTS CONTRACTORS AND ARCHITECTS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND SHALL VERIFY THE USE OF ALL MATERIALS FROM DRAWINGS PRIOR TO PERFORMING THE WORK. THE OWNER SHALL VERIFY AND APPROVE CONTRACTOR'S BILLING BEFORE ANY WORK IS PERFORMED ON THE JOB.



Thomas R. Chamberlain
ARCHITECT
 14401 6215 Road
 Montrose, Colorado 81401
 970-240-7995 (Phone & Fax)

FIRE SAFETY PLAN
 CODE REVIEW

Date: Sept, 2014
 Scale: SEE FOOT SCALE

SATURDAY NIGHT FEVER SITE PLAN

2

checked by TRC 8-21-14 Z+Z

**** See actual Colorado Fire Engineer Stamped CAD; to be approved by Fire District****
***** Document states that temporary heating is approved/will meet code requirements*****

Flame Certificates

Whatever, USA—Life Safety Plan Big Mine Ice Arena - Colorado Fire Engineer Certification Letter



Thomas R. Chamberlain * ARCHITECT

14401 62.15 Rd * Montrose, Colorado 81403 * (970)240-7995

08/22/14

To: The Crested Butte Building Department

Re: The Fire & Life Safety Plan for the Temporary use, of the Big Mine Ice Arena in Crested Butte Colorado, for a Concert Event.

This letter is to certify that, to the best of my knowledge, the project plans described on the drawings titled "Saturday Night Fever Site Plan" and dated 8-21-14, meet the intent of the 2009 IBC and other codes in the jurisdiction.

I believe it is within the authority of the local fire chief and local building official to accept a Fire Watch plan in lieu of an automatic sprinkler system for this event at this facility, and I recommend they do so.

Furthermore, I have inspected the site, the building, and the exit plan. I find the situation to be ideal for this type of event. Taking into account the construction of the enclosure (concrete and steel), only fire retardant materials being used, the plans submitted to provide excellent exit visibility and access, and a Fire Watch Plan with on-site personnel, I find the overall life safety situation to be outstanding.

I will be conducting an on-site inspection of the temporary modifications to the building on September 4th to verify the final conditions and to sign-off on their completion.

Sincerely,
Thomas R Chamberlain
ARCHITECT



Note: Final installation will be signed off by Colorado Fire Engineer, prior to use

Life Safety Plan

Whatever, USA—Life Safety Plan
Big Mine Ice Arena
PRELIMINARY DRAFT

I. INTRODUCTION AND CAPACITY

This Fire/ Life Safety Plan is designed to provide occupant safety in the event of a fire, to provide effective utilization of fire safety features, and to minimize the possibility of fires for the use of the Big Mine Ice Arena for the Bud Light Whatever, USA event. Please see the attached floor plans with emergency exit information, capacity notes, and fire prevention locations.

The capacity for this event is 1,200 – this is in accordance with 2009 IBC 1004.1.1 – Areas Without Fixed Seating. In Table 1004.1.1 the Maximum Floor Allowance per occupant for an assembly without fixed seating for Concentrated (tables and chairs) is 15 sq ft per person. The space within the building (taking out the space being utilized by the stage and backstage area) is 24,460, allowing for 1,630 – the event attendance of 1200 is well within that code. It is our opinion that the venue will never reach the 1200 person capacity due to the positioning of the bars, tables, and entertainment outside the building in the surrounding grounds.

II. EMERGENCY PERSONNEL

The Event Management will provide at the minimum: (2) Fire Watch Personnel and (2) crowd control personnel at each entrance/exit to the grounds and facility. These will contribute to the orderly evacuation of the facility in the event it is necessary. The Event Management will request EMS services be standing by at a location nearby for the duration of the event.

III. FIRE SUPPRESSION RESOURCES

There will be (8) fire extinguishers located in the arena, their locations prominently marked. This is (1) per 3,000 sq feet, in regulation with the 2009 IBD, section 906.3. See the table below for more information.

Life Safety Plan

TABLE 906.3(1) FIRE EXTINGUISHERS FOR CLASS A FIRE HAZARDS [F]

	LIGHT (Low) HAZARD OCCUPANCY	ORDINARY (Moderate) HAZARD OCCUPANCY	EXTRA (High) HAZARD OCCUPANCY
Minimum Rated Single Extinguisher	2-A ^c	2-A	4-A ^a
Maximum Floor Area Per Unit of A	3,000 square feet	1,500 square feet	1,000 square feet
Maximum Floor Area for Extinguisher	11,250 square feet	11,250 square feet	11,250 square feet
Maximum Travel Distance to Extinguisher	75 feet	75 feet	75 feet

IV. EXITS

Please note the position of all exits from within the rink as well as those to the exterior of the building. All emergency exits will have lighted exit signs. The draped sides of the building will have the ability to tie back to allow more room for emergency egress. We have indicated the removal of several end boards in order to facilitate a minimum of (6) exits from within the boards. In compliance with the 2009 IBC, the egress points will be the minimum required width of 3'-4" (the occupant for each egress multiplied by 0.2 inches). All points of egress will be supplied with illumination on emergency back-up power.

V. MATERIALS USED

All Flame Resistance certificates will be provided for materials being added to the building such as staging & drape.

VI. OTHER CONSIDERATIONS

The exterior drape lines will not extend higher than the lower beam on the sides of the building, to allow for smoke ventilation in the event of a fire. A wireless, portable fire detection system will be put in place that will be able to help sound an alert as well as notify help.

Flame Certificates

Whatever, USA—Life Safety Plan Big Mine Ice Arena



Rose Brand East:
4 Emerson Lane Secaucus NJ 07094
800-923-1624 901-809-1730 Fax 901-809-1850

Rose Brand West:
10016 Lennik Street Sun Valley CA 91359
800-360-5056 818-505-6290 Fax 818-505-6293

Certificate of Flame Resistance

Rose Brand is in business in New York, New York with headquarters in Secaucus, New Jersey and offices also in Sun Valley, California.

This FR fabric described below has been treated with a flame retardant chemical such that the fabric meets the minimum requirements of flame resistance established by the following tests:

- NFPA 701-2010, TM #1
- Calif. Title 19, test # 1237.1, small scale
- British BS 5867: Part 2:1980

The material listed below was treated with a fire retardant chemical approved by and registered with the California State Fire Marshall. This chemical is approved for use on the material listed below:

CSFM Approval No.: GA-0358.01



The flame retardancy has a minimum lifetime of at least one (1) year, but is likely to be effective for much longer. The flame retardancy will withstand up to three (3) dry cleanings or non-water washing processes. The flame retardant chemical **WILL** be removed by water washing. Wide fluctuations in atmospheric humidity as well as accumulations of airborne dust and oils will diminish the endurance and effectiveness of the flame retardant chemical.

Rose Brand recommends annual testing of this fabric using NFPA 705, Field Test Method for Textiles.

Owner/Purchaser Name: Hargrove Inc
Purchaser PO#: 13090579
Purchaser Project/Event Name:
Rose Brand Order: 39195
Sales Order Date: 9/26/2013

Fabric Used: 400.000 Yards Duvetyn 54 in FR 8 oz White

For Rose Brand Textile Fabrics
Customer Service Representative

Special New York City Certificate
Available Upon Request

Flame Certificates

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Big Mine Ice Arena

SINTRA® GATOR® FOME-COR® DIBOND®



TECH TALK

Product: Sintra **Date:** August 25, 2005
Subject: Fire Characteristics **Revision:**
Number: D19 **Pages:** 4

Fire Characteristics of Sintra Material

Sometimes it is necessary to know the fire characteristics of materials that are used in the production of certain signage, graphics, exhibits or displays. These characteristics become important when the materials are used in applications where there may be stringent rules on how the materials behave when exposed to sources of combustion.

The following sections discuss the flame characteristics of Sintra, the standards it has been tested to, and where applicable it's classifications under these standards.

Relative Flammability Comparisons to Other Materials

In addition to its unique balance of performance properties, Sintra material has the following advantages as a fire-retardant material:

1. Self Extinguishing — remove the flame and the burning stops.
2. Relatively High Ignition Resistance—the heat content of Sintra material is 8,600 BTU/LB. Heat produced by a flame from Sintra material is not enough to produce the necessary vapors which combine with atmospheric oxygen to create a combustible mixture. Because of its low heat of combustion, Sintra material will not support combustion.

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3. High Oxygen Index — ASTM D-2863 measures the percent of oxygen in an oxygen/nitrogen mixture which barely supports burning. The oxygen content of the earth's atmosphere is about 21%. Materials with oxygen index values of approximately 26 and above should not continue burning after the flame source is removed because the normal atmospheric oxygen content is insufficient to support combustion. The oxygen index values of Sintra material is 46–49%.
4. No "Flaming Drip" — some burning polymers produce molten flaming drips which contribute to flame spread. Sintra material produces a form-retaining carbonaceous char that does not drip.

UL 1975

Fire Test for Foamed Plastics Used for Decorative Purposes

The test method determines the ability of foamed plastics and products containing foamed plastics used for decorative purposes to resist rapid heat release when subjected to a flaming ignition source. The method is intended to products used for the following decorative purposes:

- Typical open-ceiling, portable exhibit booth constructions incorporating manufactured panels.
- Individual, manufactured decorative objects such as, but not limited to, mannequins, murals, and signs.
- Theater, motion picture, and television stage settings, with or without horizontal projections.

THICKNESS	DENSITY (lbs/ft3)	MAX. INST. RHR (kW)
1 mm	44	38
6 mm	44	42
10 mm	28	80
19 mm	28	62

3A Composites USA Inc.

P.O. Box 507 • 208 W. 5th Street • Benton, KY 42025-0507
800-626-3365 • 270-527-4200 • Fax 270-527-1552
www.3acompositesusa.com

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UL 94 Standard for Flammability of Plastic Materials for Parts in Devices and Appliances

The test method is intended to characterize flame propagation of a material and its tendency to char. The test also indicates the tendency of the material to produce flaming particles which could ignite a cotton indicator located below the sample. It is used to determine a material's tendency either to extinguish or to spread the flame once the specimen has been ignited.

There are various flame classifications specified in UL 94 that are assigned to materials based on the results of these bench top tests. The classifications are used to distinguish a material's burning characteristics.

UL-94 Classification	Sintra Gauges
V-0	1 – 19 mm
5VA	2 – 19 mm
5VB	1 mm

These classifications show that the material was tested in a vertical position and self-extinguished within a specified time after the ignition source was removed. These classifications also indicate that the material dripped no flaming particle that ignited a cotton indicator located below the sample. A material with a 5VA or 5VB classification is subjected to a flame ignition source that is approximately five times more severe than that used in the V-0 classification.

ASTM E-84 (UL Steiner Tunnel Test) Standard Test Method for Surface Burning Characteristics of Building Materials

The test method uses a sample of material 20-24" wide by 24' long that fits under the roof of a 25' long tunnel forming the ceiling of the tunnel. Gas burners on one end of the tunnel impinge a flame on 7 square feet of the test specimen. The progression of the flame is observed and smoke development is measured by a photometer.

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The flame propagation is plotted as distance vs. time. The photometer data is plotted as percent of absorption vs. time. The flame spread and smoke development indexes are then calculated and reported.

Sintra Material Performance - ASTM E-84

Thickness	Flame Spread	Smoke Development
2mm	20	380
3mm	20	315
4mm	20	425
5mm	20	>450
6mm	20	>450
10mm	25	>450
13mm	>25	>450
19mm	>25	>450

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CERTIFICATE OF FLAME RESISTANCE

Rose Brand is in business in New York, New York, with headquarters in Secaucus, New Jersey and offices also in California.

The FR fabric described below has been treated with a flame retardant chemical such that the fabric meets the minimum requirements of flame resistance established by the following tests:

- NFPA 701 (1989 ed.), small scale
- NFPA 701 (2004 ed.), test method #1
- California Administrative Code Title 19, Section 1237
- BS 5867- test 2 (part B)-1980 British Standard Specifications for Fabrics for Curtains and Draperies



The Fire Marshal of the State of California has registered this fabric as #F-54505. The flame retardance has an expected lifetime of at least one (1) year, but is likely to be effective for much longer. The flame retardance will withstand up to three (3) dry cleanings or non-water washing processes. The flame retardant chemical WILL be removed by water washing. Wide fluctuations in atmospheric humidity as well as accumulations of airborne dust and oils will diminish the endurance and effectiveness of the flame retardant chemical.

Rose Brand recommends annual testing of this fabric using the NFPA 705 (1997 or later) Field Test Method for Textiles.

Purchaser's Name: Lincoln Maynard PRG Scenic Technologies LV

Rose Brand Order #: 98281

Dated: 8/14/14

Fabric used: 100% cotton, White heavy weight Muslin
(3) 10ft – 0inches high x 155 feet – 0inches wide. Top, webbing grommets & ties 12inches on center. Black grommets and ties. Bottom, pipe hem lined 5inches with pipe access slits 10"0" O/C on rear. Stage right, cable hem lined 2inches with line sewn in. Stage left, cable hem lined 2 inches with line sewn in.
(2) 10ft – 0inches high x 60ft – 0inches wide. Top, webbing grommets & ties 12inches on center. Black grommets & ties. Bottom, pipe hem lined 5 inches with pipe access slits 10"0" O/C on rear. Stage right, cable hem lined 2inches with line sewn in. Stage left, cable hem lined 2inches wit line sewn in.

For Rose Brand Textile Fabrics
Customer Service Representative

**SPECIAL NEW YORK CITY CERTIFICATE
AVAILABLE UPON REQUEST**

Corporate Headquarters & Warehouse 4 Emerson Lane, Secaucus, NJ 07094 800.223.1624
West Coast Sales & Warehouse 10616 Lanak Street, Sun Valley, CA 91352 800.360.5056
Canadian Representative Technically Yours, Inc., #103-7 Lebart Ave., Toronto ON M5A 1Z1 416.361.9390
RoseBrand.com

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WT-102 PRODUCT DATA SHEET FLAME RETARDANT LATEX BASED COATING

COLOR:	ITEM NO.
Black:	WT-102B
White:	WT-102W
Tint Base:	WT-102CB

WT-102 Flame Retardant Coating is a Class A (Class 1) Non-Hazardous, Non-Toxic, Interior, Latex-Based Flame Retardant Intumescent Coating For Application Over Raw Wood And Other Surfaces.

TECHNICAL DATA:

- Apply one coat of WT-102 at the rate of 135 square feet per gallon. Appearance - consistency of paint.
- Available in white, black and color-base for mixing of custom colors. Use water-soluble dispersible tint. Tinting Guidelines are available.
- Weight - 5-gallon pails weigh 60 lbs.
- Storage - do not allow to freeze. Store between 40°F and 80°F.
- Shelf life is one year if container is unopened.
- Do not add water or change chemical composition in any way.
- Closed containers exposed to heat may rupture due to pressure build-up.

APPROVALS:

California State Fire Marshal Approval #C-10000, ASTM E84 on Wood and Fabric, Meets ANS No. 2.5, NFPA 255, UL No. 723, UBC No. 42-1 fire retardancy requirements with a Class A flame spread, British Standard 5867: Part 2:1980 & British Standard 476:Part 7:1987. Previously Approved by ICBO Report #3656 and City of Los Angeles Research Report #RR 24303.

APPLICATION INSTRUCTIONS:

- Before using, user must determine suitability of this product for its intended use.
- Prepare substrate by sanding and removing any silicone or oil based coatings that may already be on wood. WT-102 will not adhere to a surface that has not been properly prepared.
 - Applicator must wear paint, mask and gloves suitable for latex coatings.
 - WT-102 must be mixed extremely well. Minimize contact with air as product dries fast.
 - Coverage is 1 gallon per 130 square feet, applied in one coat. Apply with an airless sprayer, brush or roller. Cover entire exposed area.
 - Certification for the State of California may require application by a California State Certified Applicator to comply with requirements of the California State Fire Marshal.

CLEAN-UP:

Flush sprayer and/or equipment with water and wash hands with soap and water.

CAUTION:

Keep out of reach of children. Do not ingest. Call physician if swallowed. Clean with soap and water all contacted areas.

WARRANTY AND DISCLAIMER

Use only as directed. Sellers and Manufacturers only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or inability to use the product. Before using, user must determine the suitability of the product for its intended use. The user assumes all risk and liability whatsoever in connection therewith. Any statement or recommendation not contained herein shall have no force or effect unless contained in an agreement signed by officers of seller and manufacturer. Deterioration of coatings applied to interior finishes can occur due to ambient conditions and repeated cleaning of the surface or painting over applied coatings. Fire Retardants shall possess the desired degree of permanency and shall be maintained so as to retain the effectiveness of the treatment under the service conditions encountered in actual use. Periodic testing and inspection is recommended.

07/14

28298 Constellation Rd. Valencia, CA 91355 (661) 295-Fire (3473) Fax (661) 295-3880

Flame Certificates

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Material Safety Data Sheet		 US Department of Labor		
May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.		Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072		
IDENTITY: WT-102 Flame Retardant Coating With Adhesion Abilities				
Section I –Product Identification				
Manufacturer's Name FireTect®		Emergency Telephone Number: (661) 295-Fire (3473)		
Address: 28298 Constellation Rd. Valencia, CA 91355		Telephone Number for Information: FAX (661) 295-3880		
		Date Prepared: 01-10-95 Reviewed: 01-2014		
Section II - Hazardous Ingredients				
Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
FireTect PC201 Flame retardant coating Non-Hazardous coating water based latex VOC: 47 Grams per liter NON-HAZARDOUS, NON FLAMMABLE NFPA: Hazardous 0, Flammability 0 Reactivity 0	None	None	None	
			21.8% Inorganic Phosphates 18.4 % modified polyvinylidene chloride copolymer 3.4% sodium salt aromatic sulfonate 41.9% liquid vehicle	
Section III – Physical Data/Chemical Characteristics				
Boiling Point	212° f	Specific Gravity (H ₂ O = 1)	1.08	
Vapor Pressure (mm Hg.)	None	Melting Point	None	
Vapor Density (AIR = 1)	Equal to water	Evaporation Rate (Butyl Acetate = 1)	Less than water	
Solubility in Water: Complete - dilutable in water.				
Appearance and Odor: Off white, black, or grey liquid or special requested color.				
Section IV - Fire and Explosion Hazard Data				
Flash Point (Method Used): None	Flammable Limit: None	LEL: None	UEL: None	
Extinguishing Media: For dry solids use water foam CO ₂ or dry chemical fire fighting apparatus.				
Special Fire Fighting Procedures: Closed container exposed to heat may rupture due to pressure build up.				
Unusual Fire and Explosion Hazards:				

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Section V - Reactivity Data

Stability	Stable	<input checked="" type="checkbox"/>	Conditions to Avoid: None
Incompatibility (<i>Materials to Avoid</i>): None			
Hazardous Decomposition or Byproducts:			
Hazardous Polymerization	Will Not Occur	<input checked="" type="checkbox"/>	Conditions to Avoid: None

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation Yes	<input type="checkbox"/>	Skin Yes	<input type="checkbox"/>	Ingestion Unlikely	<input type="checkbox"/>
Health Hazards (<i>Acute and Chronic</i>): <u>Inhalation</u> : Overexposure may cause irritation. If not breathing give artificial respiration seek medical attention. <u>Skin Contact</u> : cleanse affected areas with mild soap and water. If irritation develops, seek medical attention. <u>Ingestion</u> : if drowsy or unconscious, place victim on left side with head down. Do not give anything by mouth; seek medical attention.						
Carcinogenicity: none according to Ames Test						
NTP? <input type="checkbox"/> IARC Monographs? <input type="checkbox"/> OSHA Regulated? <input type="checkbox"/>						
Signs and Symptoms of Exposure: Local Irritation.						
Medical Conditions Generally aggravated by Exposure: If irritation or redness develops from exposure move victim away from source and into fresh air. Seek medical attention.						
Emergency and First Aid Procedures: If swallowed, induce vomiting, seek medical attention. In case of eye contact, flush with running water for at least 15 minutes. If irritation persists, seek advice of a physician.						

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Flush spilled material into suitable retaining areas or containers with large quantities of water. Small amounts may be absorbed into appropriate absorbent.
Waste Disposal Method: Dispose of product in accordance with applicable local, county, state and federal regulation.
Precautions to Be taken in Handling and Storing: Keep containers in cool, dry area. Use and store with adequate ventilation.
Other Precautions: Storage should not exceed 80° f or fall below 40° f. Do not allow to freeze. Once opened, contents should be used completely.

Section VIII - Control Measure

Respiratory Protection (<i>Specify Type</i>): Not mandatory.		
Ventilation	Local Exhaust:	Special
	Mechanical (<i>General</i>)	Other
Protective Gloves: use of gloves that are impermeable to product is advised.	Eye Protection: approved eye protection to protect against eye contact or irritation is recommended	
Other Protective Clothing or Equipment		
Work/Hygienic Practices: Wash hand with mild soap & water; it is recommended that clean water be available for flushing eyes and skin.		

WT102 MSDS page 2

Flame Certificates

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 Sew What? Inc. It's not a question. It's the answer.™



CERTIFICATE OF FLAME RETARDANCY

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•

a) The manufacturer has certified that the fabric listed below has been treated with a flame retardant chemical and has been tested and complies with NFPA 701 (1996 version), Small Scale. The fabric is NOT registered as flame retardant with the State of California or New York City unless a CA Reg. No. or NYC Reg. No. is noted below

CA Reg. No.:
NYC Reg. No.:

The Flame Retardant Process Used WILL Be Removed By Washing. Accumulation of dust or repeated dry cleaning may also adversely affect the flame resistance of this fabric. Annual testing using the NFPA 705 Field Test is recommended.

b) The manufacturer has certified that the fabric listed below has been manufactured using an inherently flame retardant fiber or durable flame retardant process and, therefore, is inherently or durably flame retardant for the life of the fabric and has been tested and complies with NFPA 701 (1996 version), Small Scale. The fabric is NOT registered as flame retardant with the State of California or New York City unless a CA Reg. No. or NYC Reg. No. is noted below:

Trade name for flame resistant fabric: Polyester
CA Reg. No.: F-521.01
NYC Reg. No.:

The Flame Retardant Process Used WILL NOT Be Removed By A Single Washing, but may degrade over repeated cleanings. Accumulation of dust may adversely affect the flame resistance of this fabric. Annual testing using the NFPA 705 Field Test is recommended.

• Purchaser's Name: Rent What
Sew What? OC#: 2014
• Date: 11/02/09
• Material: 15oz Encore Velour
• Color: Black
• Yards: 48.00
• Notes: (if any)

30X20ENCBLK; Masking Drape, 30' h x 20' w

ANNUAL TESTING STATEMENT. The fabric listed above was field-tested on 02/08/14 by California Registered Applicator GA-1391.01, according to testing procedures set forth in NFPA 705, Match Field Test. The fabric described above has passed the field test.


By Lynda Vaughn.
Sew What? Inc

1978 Gladwick Street, Rancho Dominguez, CA 90280, USA • 310 639-6000 Fax: 310 639-6036 • www.sewwhatinc.com

Flame Certificates

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Sew What? Inc. It's not a question. It's the answer.™



CERTIFICATE OF FLAME RETARDANCY

Certification is hereby made that: (only "a" or "b" as checked below applies)

- a) The manufacturer has certified that the fabric listed below has been treated with a flame retardant chemical and has been tested and complies with NFPA 701 (1996 version), Small Scale. The fabric is NOT registered as flame retardant with the State of California or New York City unless a CA Reg. No. or NYC Reg. No. is noted below.
CA Reg. No.:
NYC Reg. No.:
The Flame Retardant Process Used WILL Be Removed By Washing. Accumulation of dust or repeated dry cleaning may also adversely affect the flame resistance of this fabric. Annual testing using the NFPA 705 Field Test is recommended.

- b) The manufacturer has certified that the fabric listed below has been manufactured using an inherently flame retardant fiber or durable flame retardant process and, therefore, is inherently or durably flame retardant for the life of the fabric and has been tested and complies with NFPA 701 (1996 version), Small Scale. The fabric is NOT registered as flame retardant with the State of California or New York City unless a CA Reg. No. or NYC Reg. No. is noted below:
Trade name for flame resistant fabric: Polyester
CA Reg. No.: F-521.01
NYC Reg. No.:
The Flame Retardant Process Used WILL NOT Be Removed By A Single Washing, but may degrade over repeated cleanings. Accumulation of dust may adversely affect the flame resistance of this fabric. Annual testing using the NFPA 705 Field Test is recommended.

- Purchaser's Name: Rent What
- Sew What? OC#: 2014
- Date: 10/04/09
- Material: 15oz Encore Velour
- Color: Black
- Yards: 36.00
- Notes: (if any)
30X15ENCBLK; Masking Drape, 30' h x 15' w

ANNUAL TESTING STATEMENT. The fabric listed above was field-tested on 02/08/14 by California Registered Applicator GA-1391.01, according to testing procedures set forth in NFPA 705, Match Field Test. The fabric described above has passed the field test.


By Lynda Vaughn.
Sew What? Inc

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CERTIFICATE OF FLAME RETARDANCY

Certification is hereby made that: (only "a" or "b" as checked below applies)

a) The manufacturer has certified that the fabric listed below has been treated with a flame retardant chemical and has been tested and complies with NFPA 701 (1996 version), Small Scale. The fabric is NOT registered as flame retardant with the State of California or New York City unless a CA Reg. No. or NYC Reg. No. is noted below

CA Reg. No.:
NYC Reg. No.:

The Flame Retardant Process Used WILL Be Removed By Washing. Accumulation of dust or repeated dry cleaning may also adversely affect the flame resistance of this fabric. Annual testing using the NFPA 705 Field Test is recommended.

b) The manufacturer has certified that the fabric listed below has been manufactured using an inherently flame retardant fiber or durable flame retardant process and, therefore, is inherently or durably flame retardant for the life of the fabric and has been tested and complies with NFPA 701 (1996 version), Small Scale. The fabric is NOT registered as flame retardant with the State of California or New York City unless a CA Reg. No. or NYC Reg. No. is noted below:

Trade name for flame resistant fabric: Polyester
CA Reg. No.: F-521.01
NYC Reg. No.:

The Flame Retardant Process Used WILL NOT Be Removed By A Single Washing, but may degrade over repeated cleanings. Accumulation of dust may adversely affect the flame resistance of this fabric. Annual testing using the NFPA 705 Field Test is recommended.

Purchaser's Name: Rent What
Sew What? OC#: 2014
Date: 07/21/10
Material: 15oz Encore Velour
Color: Black
Yards: 62.00
Notes: (if any)

30X30ENCBLK: Masking Drapes, 30' h x 30' w

ANNUAL TESTING STATEMENT. The fabric listed above was field-tested on 04/17/14 by California Registered Applicator GA-1391.01, according to testing procedures set forth in NFPA 705, Match Field Test. The fabric described above has passed the field test.


By Lynda Vaughn.
Sew What? Inc

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Whatever, USA

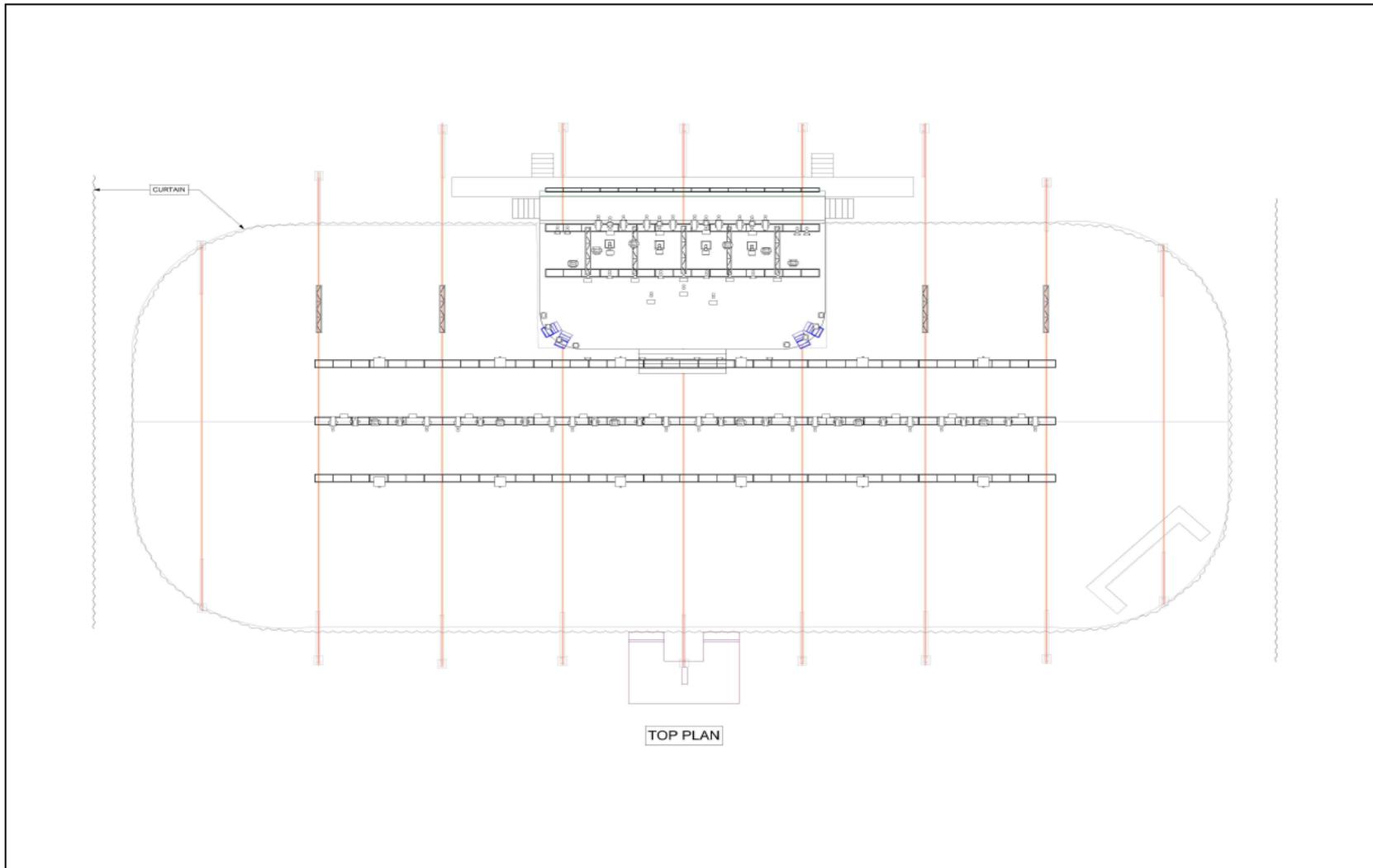
Structural CAD's

Signage & Architectural Plan

Structural Build Approvals/Engineered Stamped

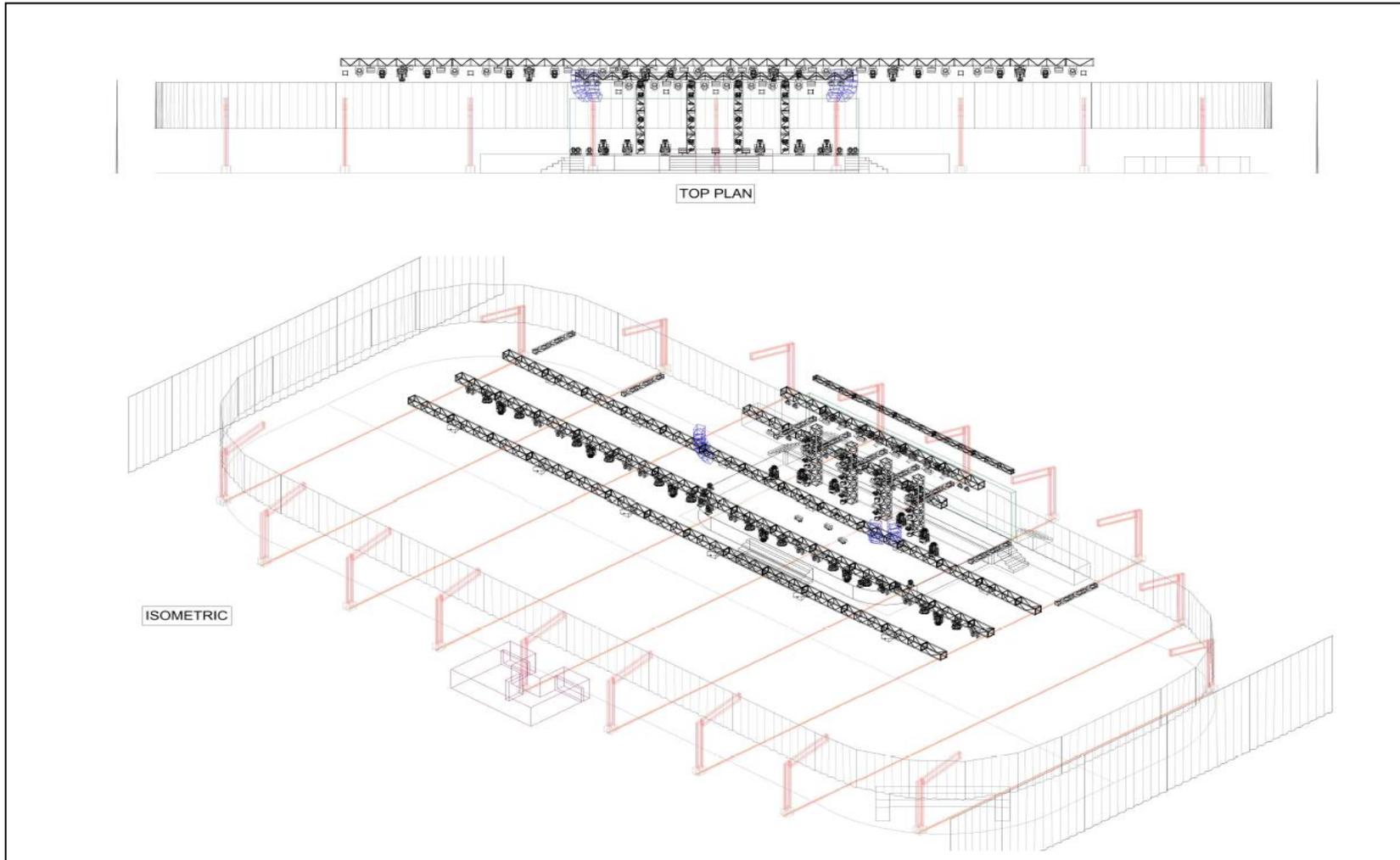
- All structures constructed from stamped by engineering firm, *Clark & Reader.*, *registered Colorado engineer*
- *Engineer representing the firm will be present during the build and placement of all structure to ensure all plans/codes/requirements are meet and satisfactory*
- *Final inspection report will be provided to town*

Overhead view



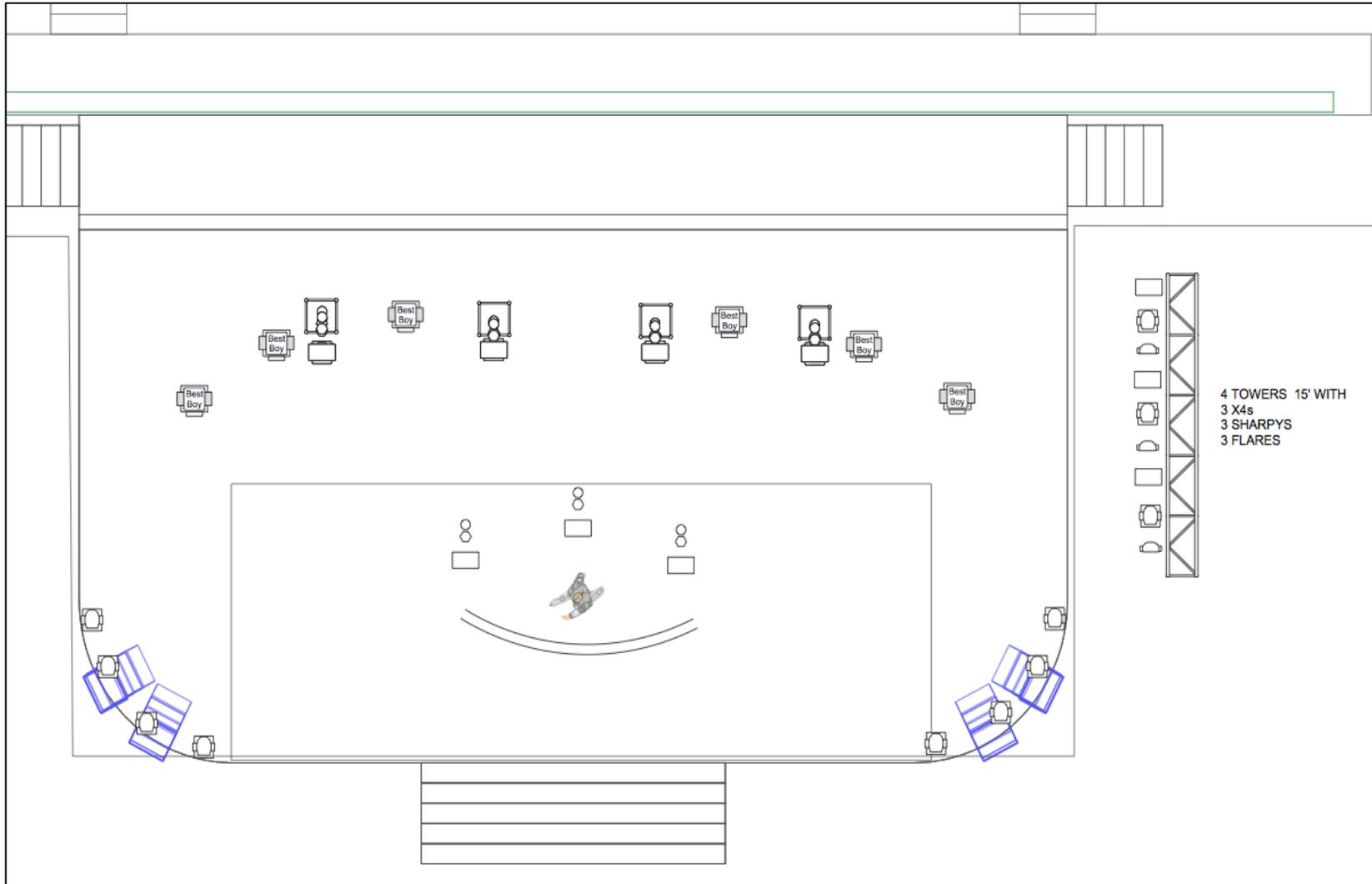
**** See actual master CAD for details****

Overhead view



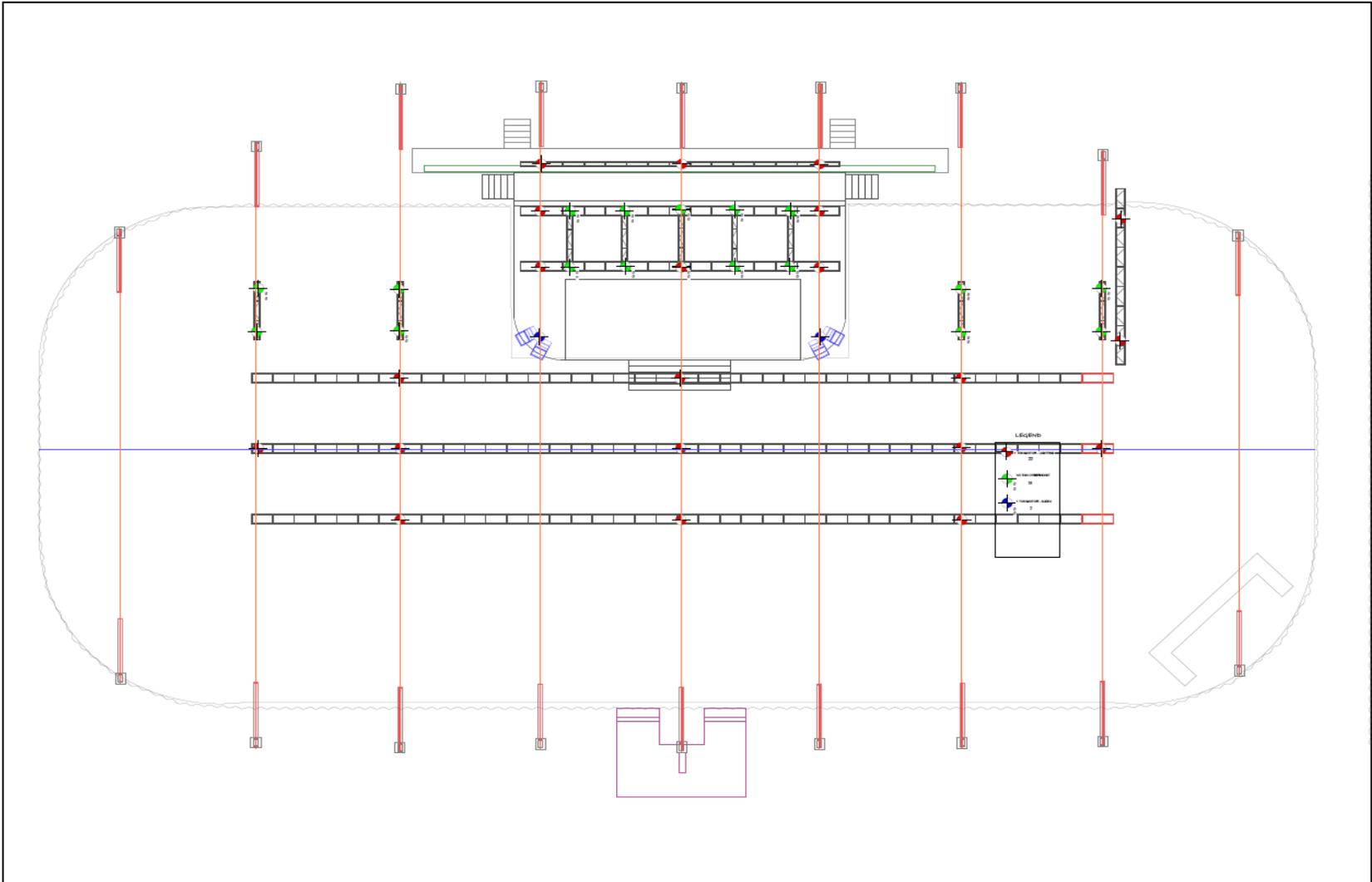
**** See actual master CAD for details****

Floor Lighting



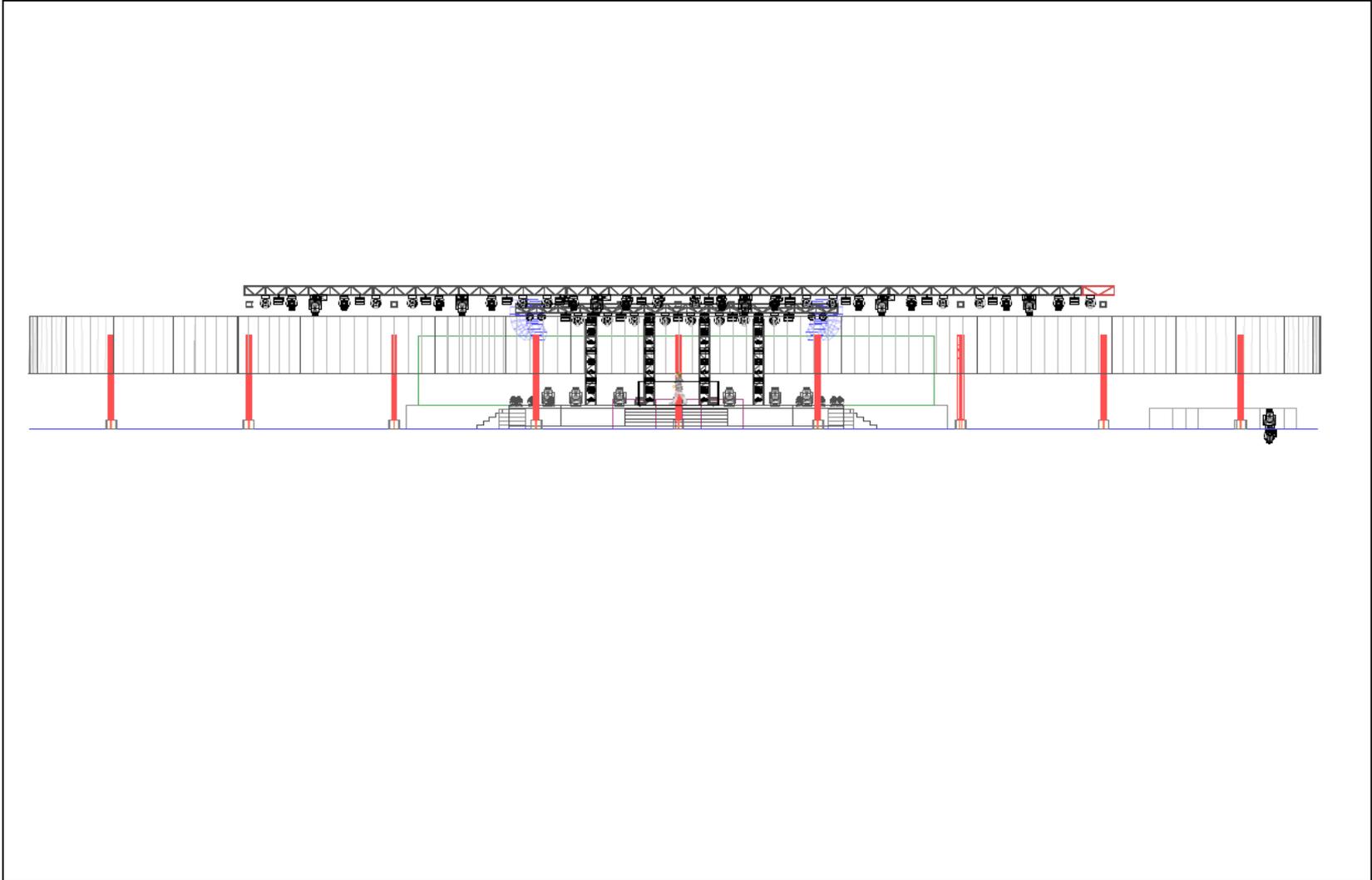
**** See actual master CAD for details****

Rig Plot



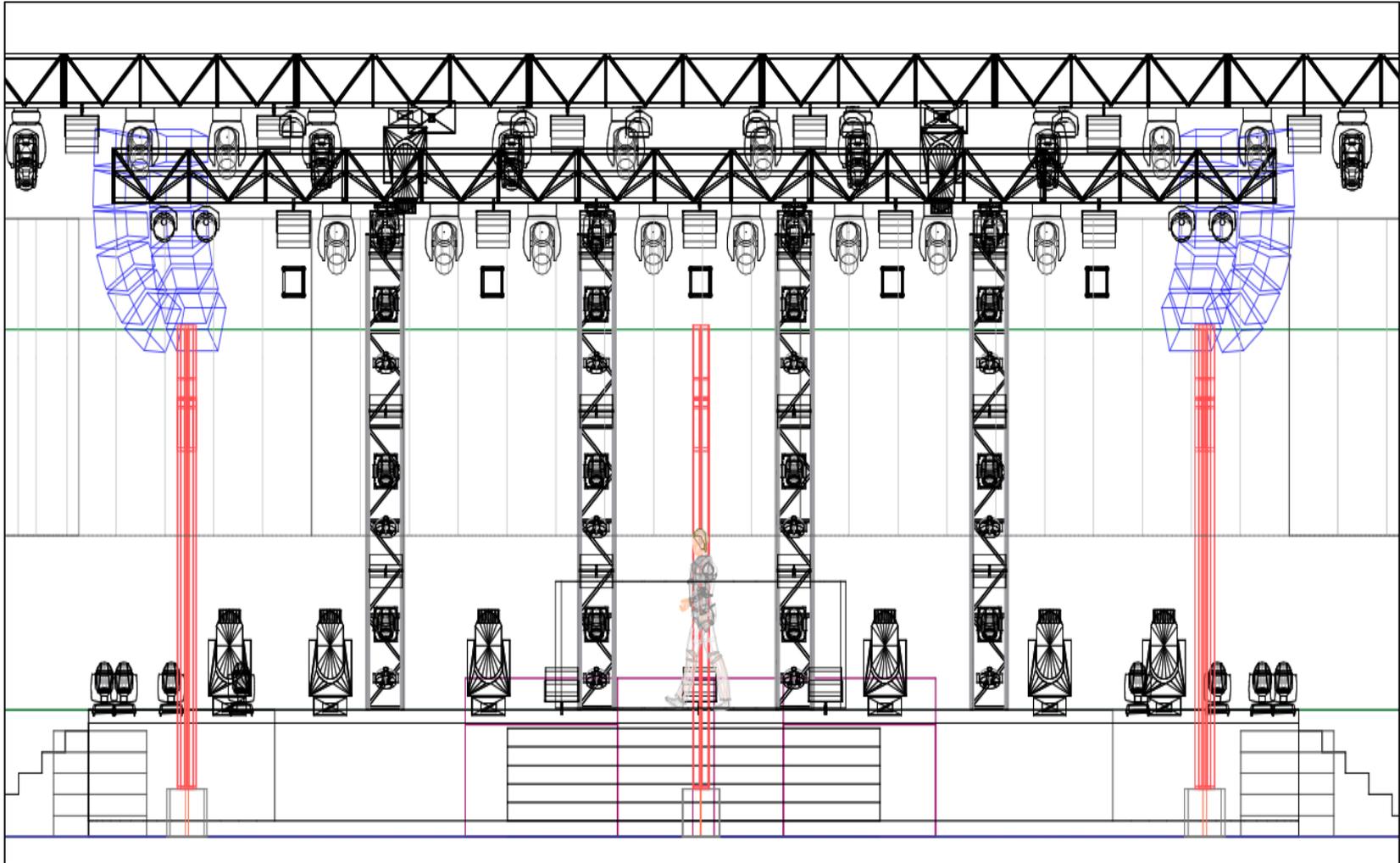
**** See actual master CAD for details****

Rig Front View



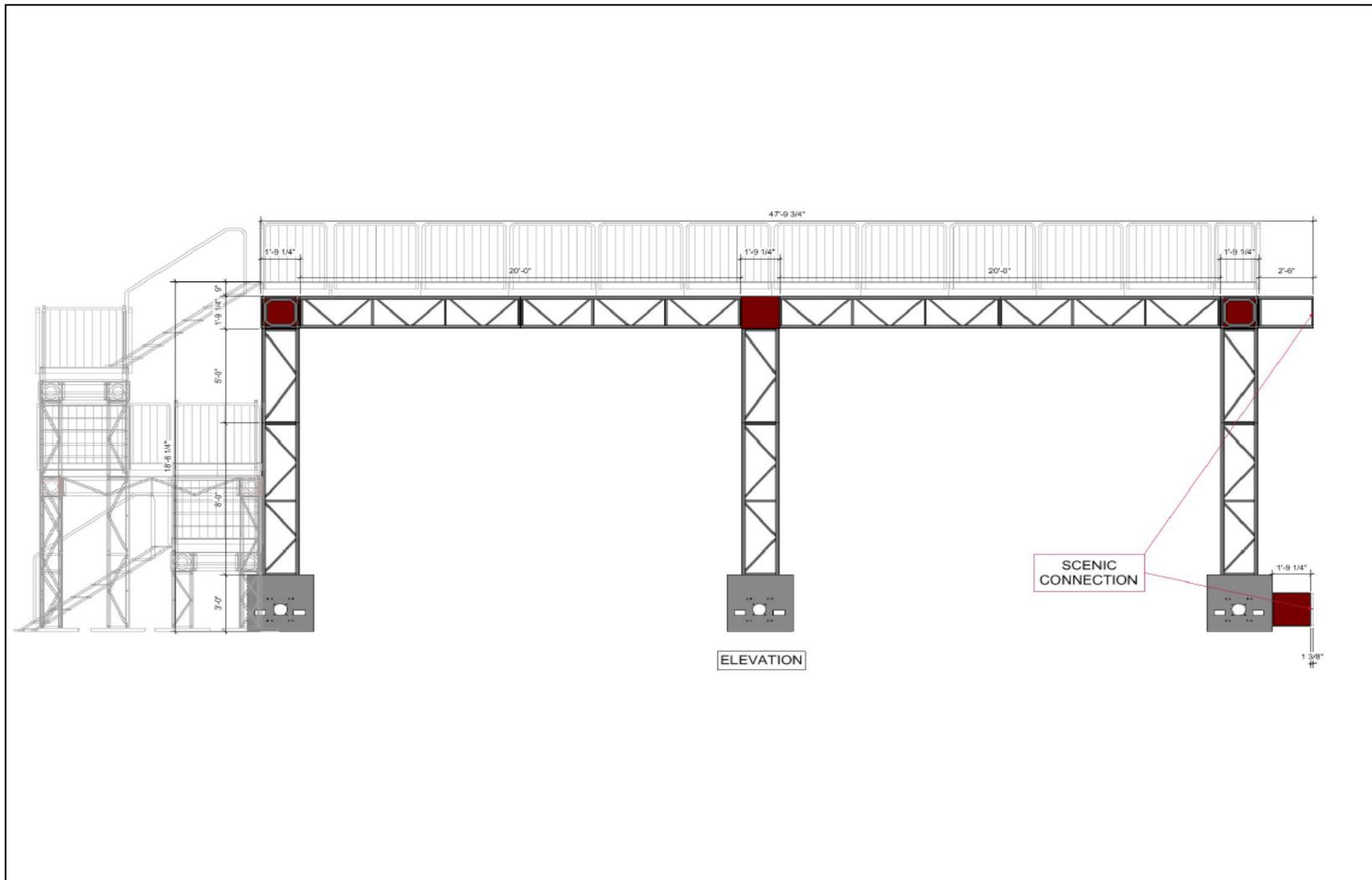
**** See actual master CAD for details****

Stage Front View



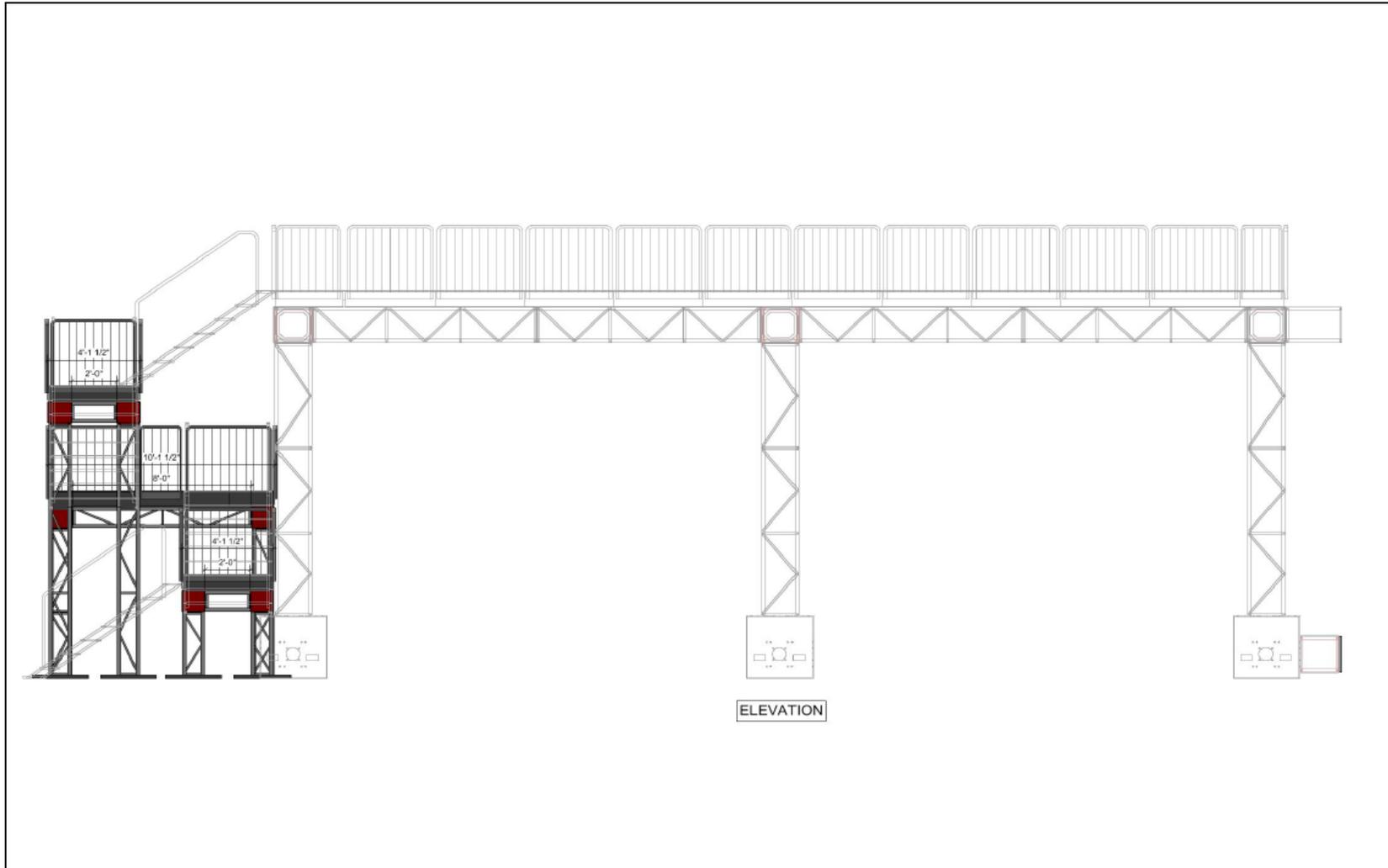
**** See actual master CAD for details****

Entrance Arch - Structure



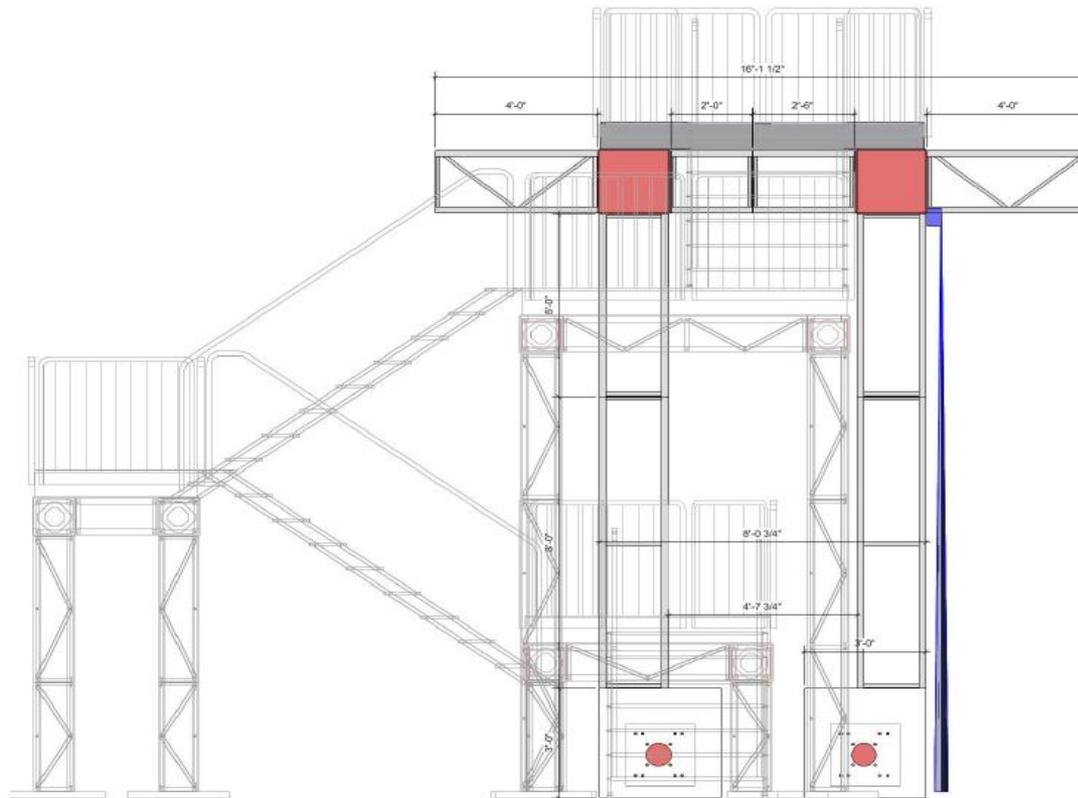
**** See actual master CAD for details****

Entrance Arch - Structure



**** See actual master CAD for details****

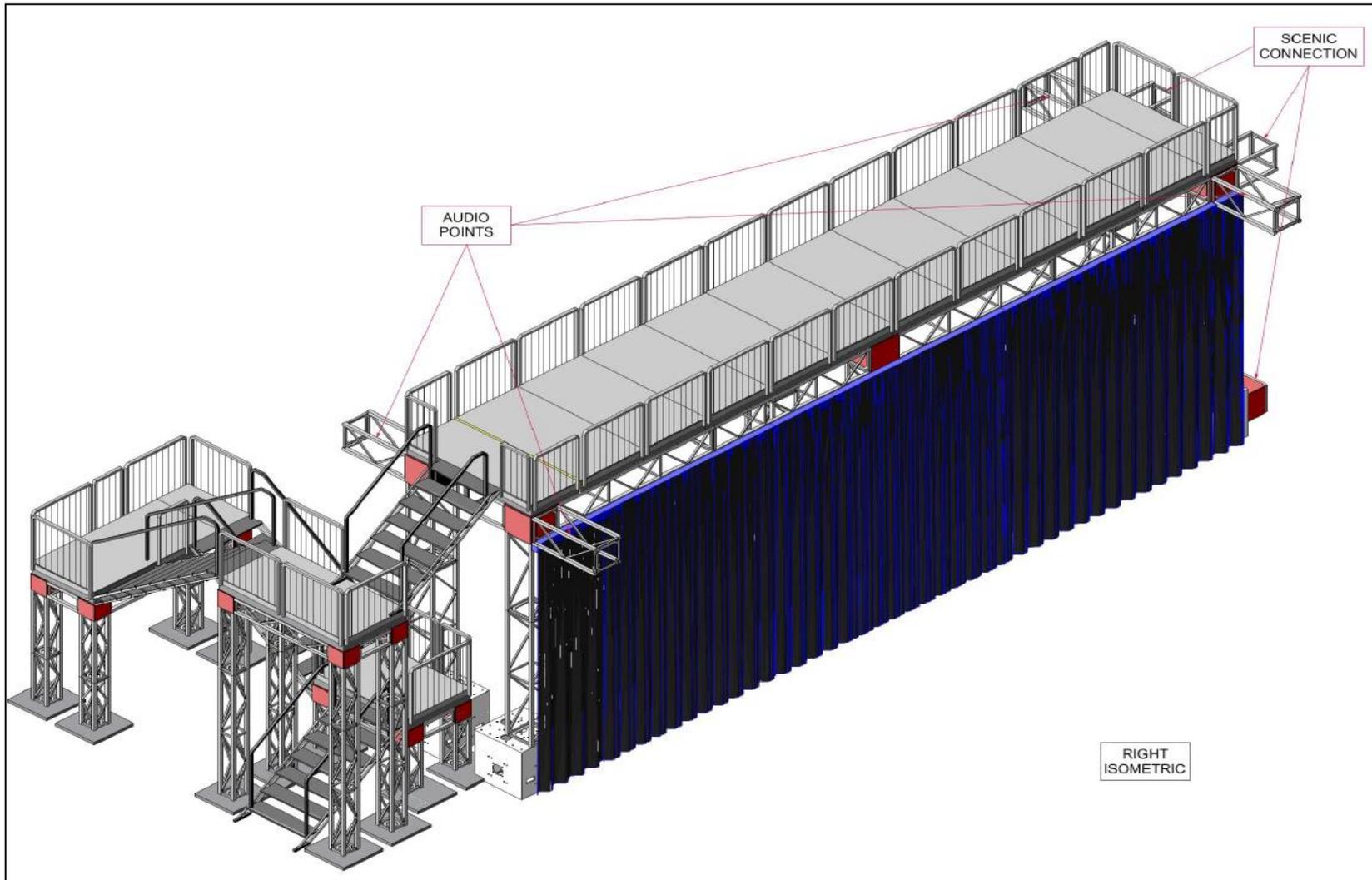
Entrance Arch - Structure



SECTION

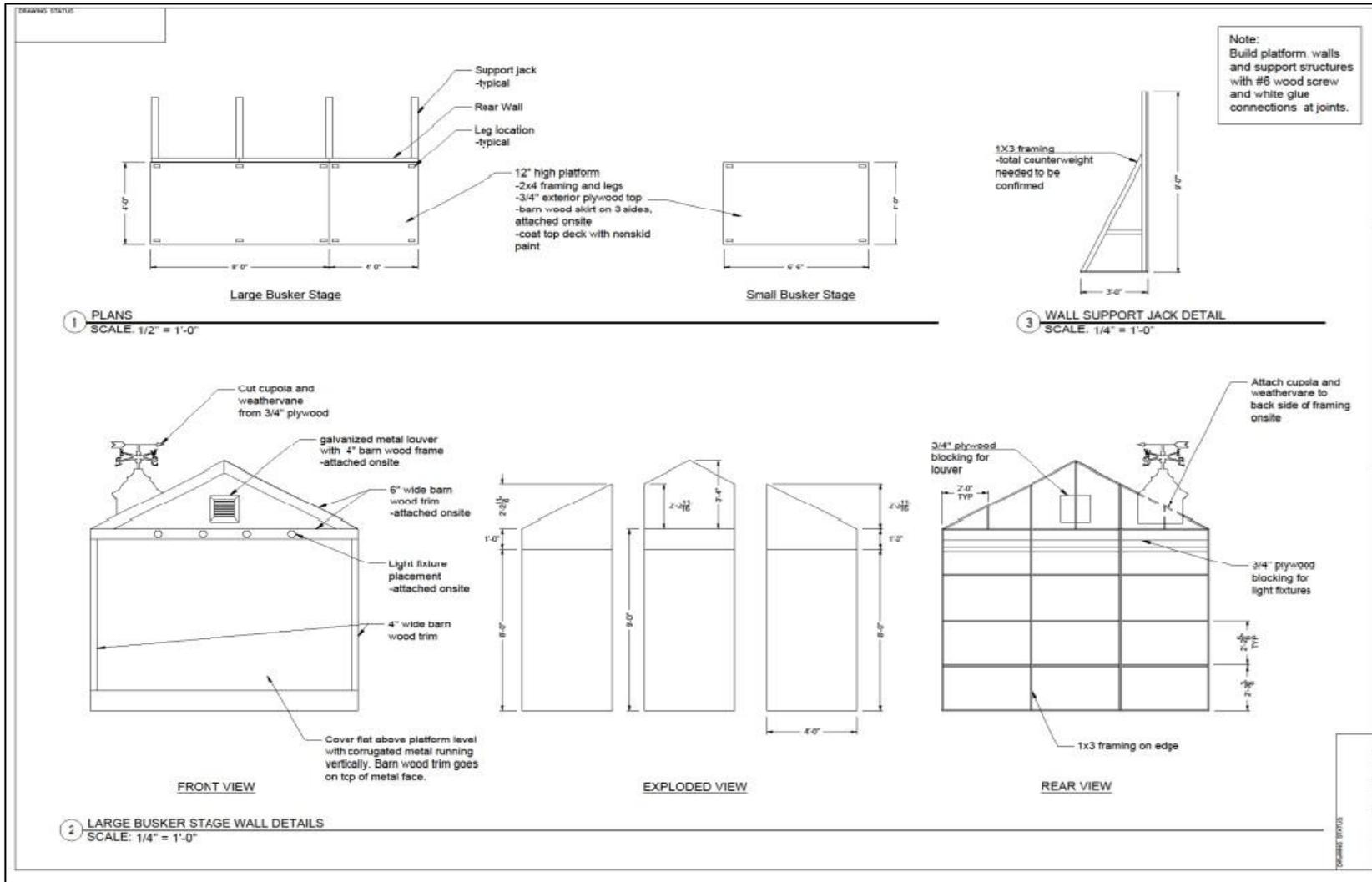
**** See actual master CAD for details****

Entrance Arch - Structure



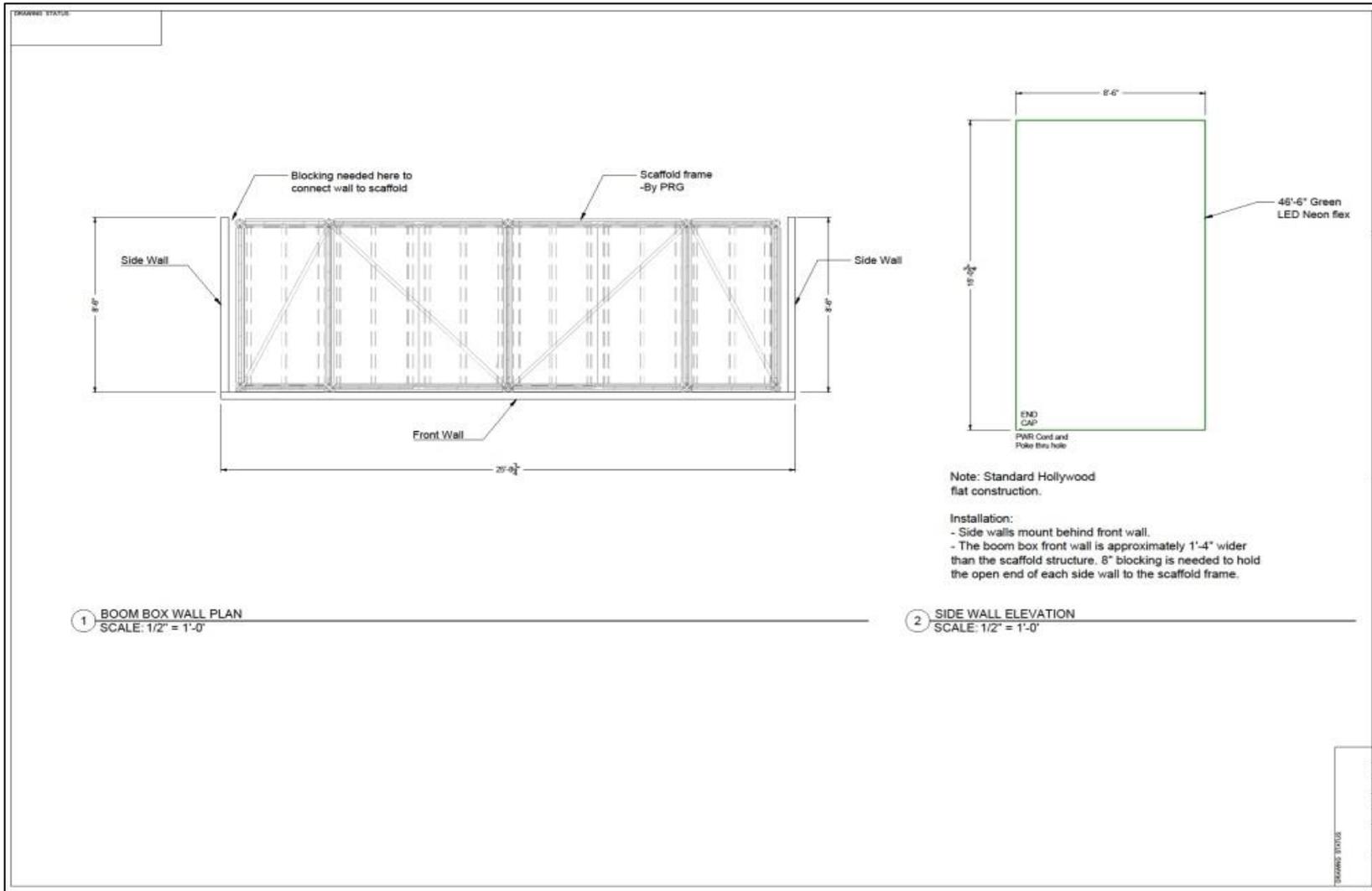
**** See actual master CAD for details****

Busker Stations



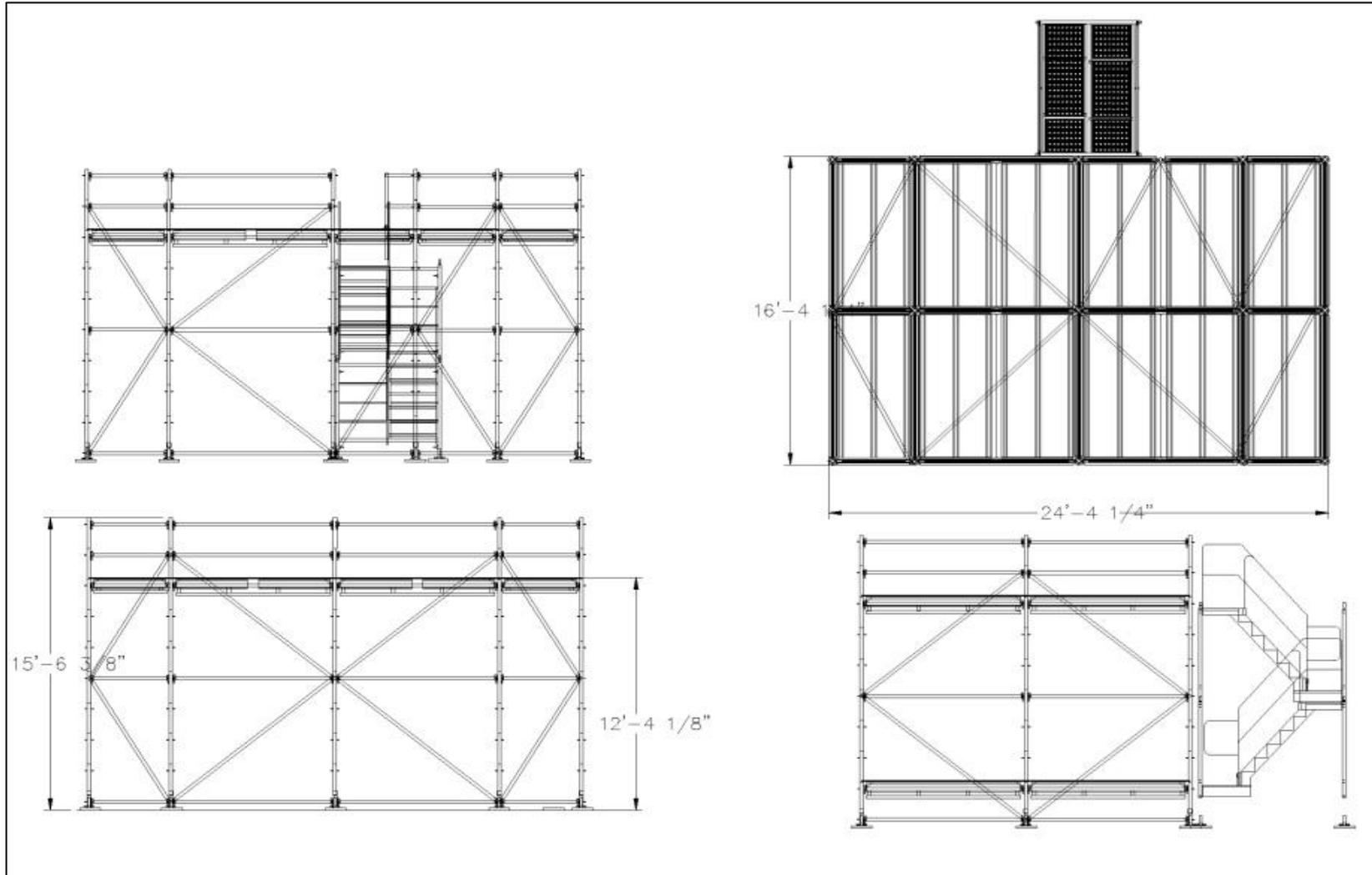
**** See actual master CAD for details****

Boom Box



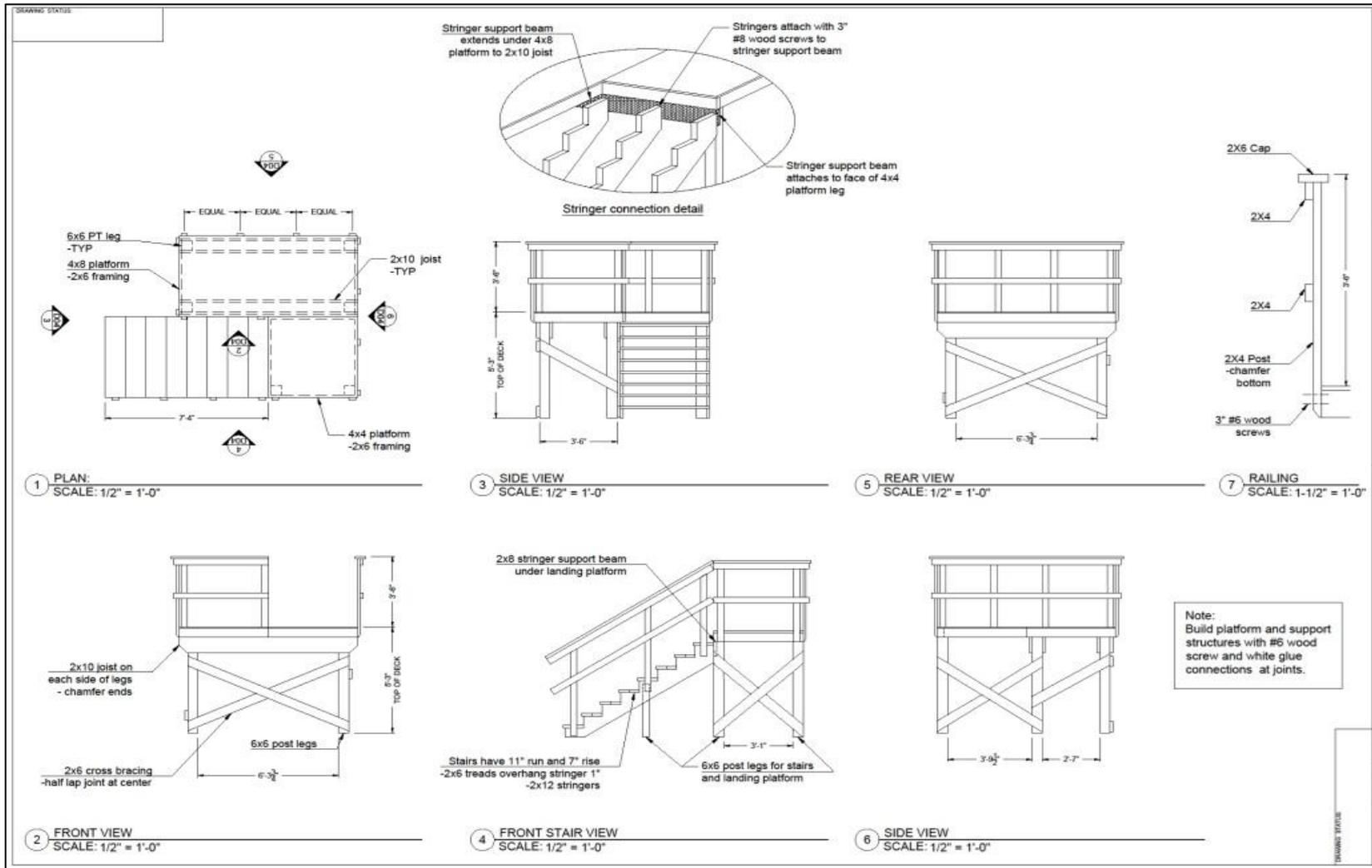
**** See actual master CAD for details****

Boom Box



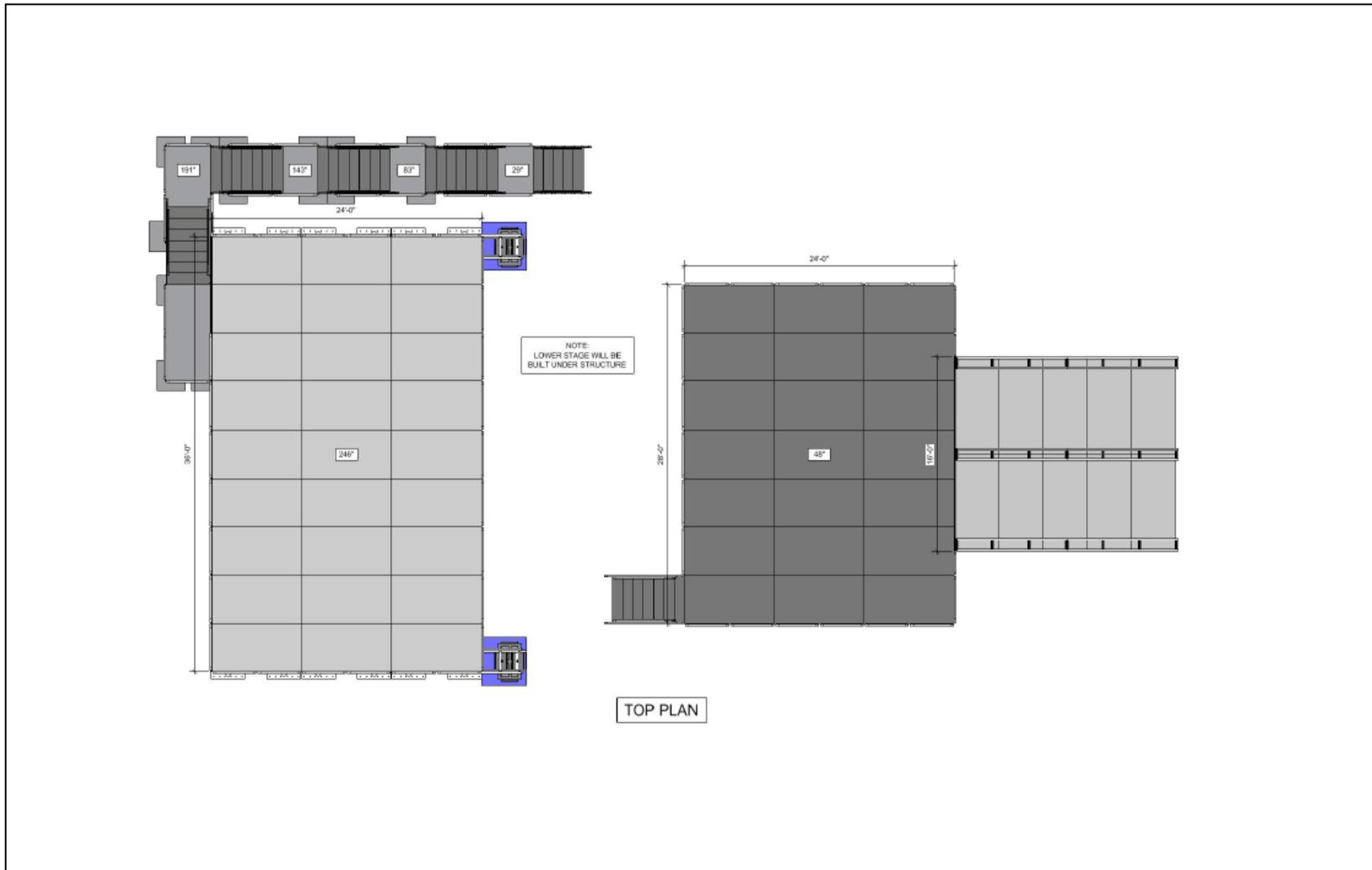
**** See actual master CAD for details****

Lifeguard Stand



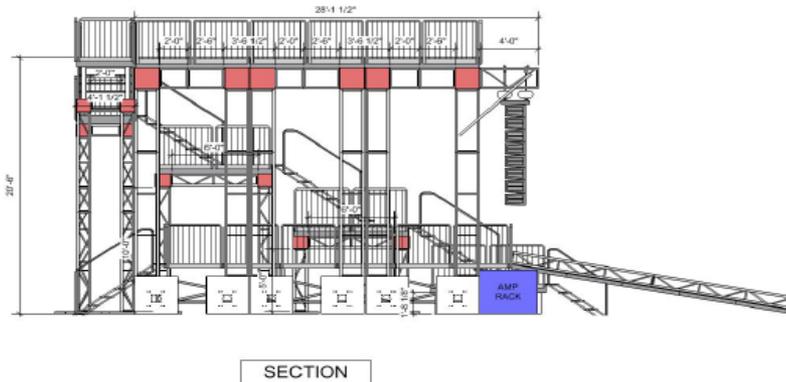
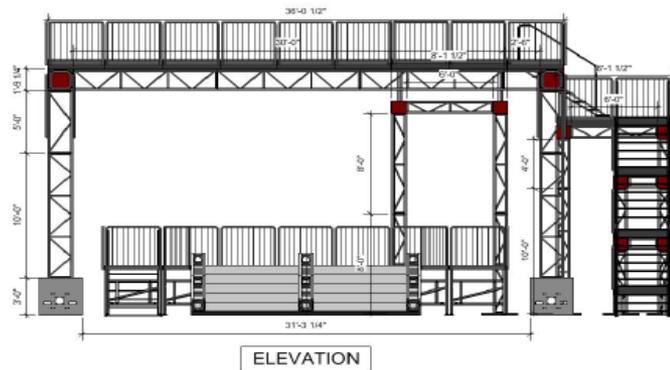
**** See actual master CAD for details****

Elk Main Stage



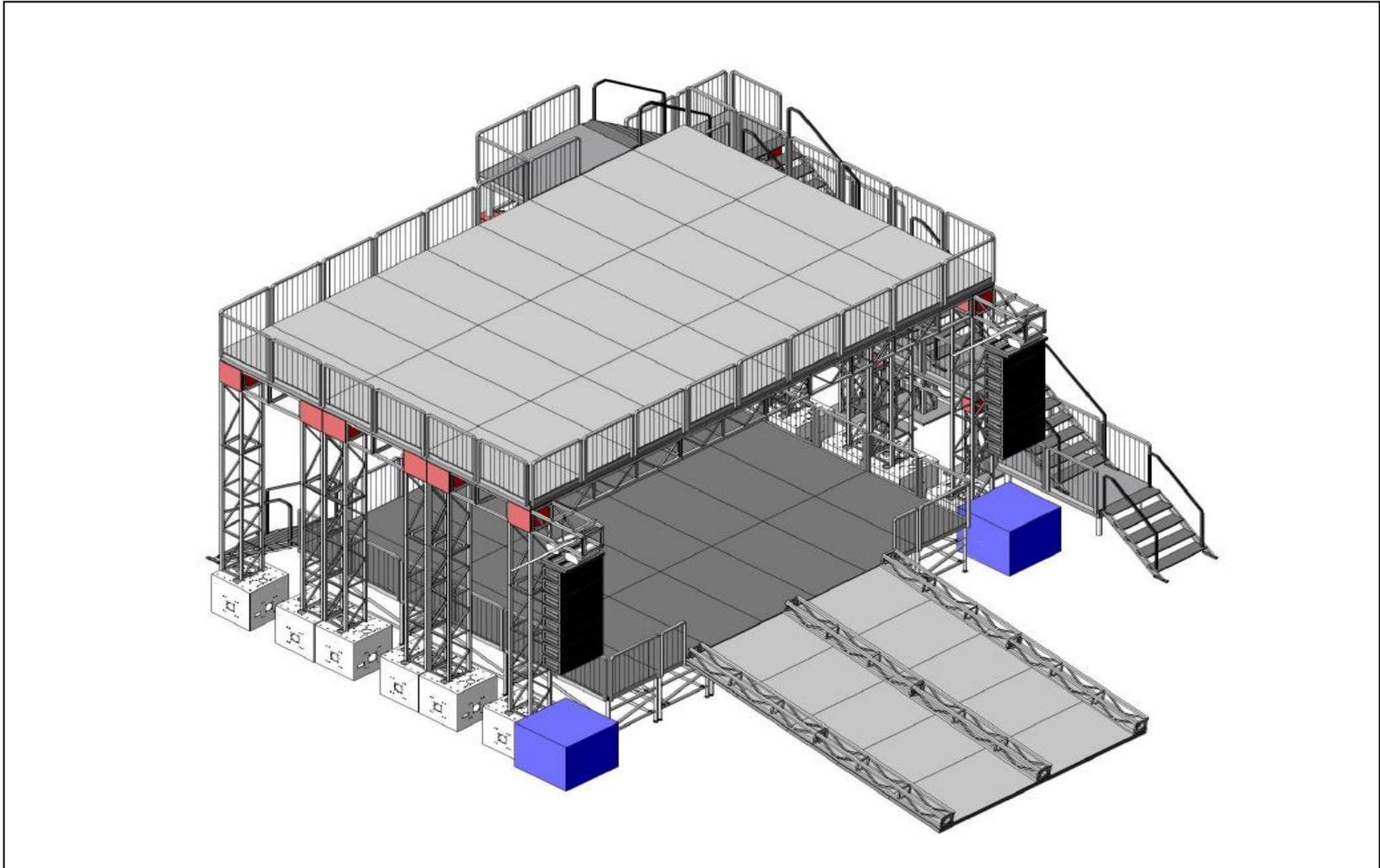
**** See actual master CAD for details****

Elk Main Stage



**** See actual master CAD for details****

Elk Main Stage



**** See actual master CAD for details****

Whatever, USA

Strike & Restoration Plan

Strike & Restoration Plan

Town of Crested Butte

- Detailed plan will be provided after approval of event plan and permit
- Logistics and timing will follow a reopening as part of the street closure plan
- Will included Elk Ave., Big Mine Arena and Public Works
- Final restoration will be signed off on by Event Director and Town Manager

