



SANGRE *de* CRISTO  
ALL OF THE ARTS FOR ALL OF SOUTHERN COLORADO  
ARTS *and* CONFERENCE CENTER

**TECHNICAL INFORMATION**

**Sangre de Cristo Arts & Conference Center Theater**

210 N. Santa Fe Ave.

Pueblo, CO 81003-4133

Main Desk: (719) 295-7200

Box Office: (719) 295-7200

Fax: (719) 295-7230

Backstage: (719) 295-7200 Ext. 7223

E-Mail: [mail@sdc-arts.org](mailto:mail@sdc-arts.org)

Web Page: [www.sdc-arts.org](http://www.sdc-arts.org)

## GENERAL INFORMATION

### Technical Services:

Technical Director  
 Timothy F. Gately  
 Office: (719) 295-7200 Ext 7223  
 Fax: (719) 295-7200 Ext 7230  
 E-Mail: tim@sdca-arts.org

### Box Office:

Box Office Coordinator  
 Cheryl Califano  
 Office: (719) 295-7000 Ext 7202  
 Fax: (719) 295-7230  
 E-Mail: cheryl@sdca-arts.org

### Springhill Suites by Marriot

150 S. Santa Fe Ave.  
 Pueblo, CO 81003-4219  
 (719) 546-1234  
 1 block S. of Theater

### Courtyard by Marriot

110 W. 1st Street  
 Pueblo, CO 81003-4259  
 (719) 542-3200  
 1 block S.W. of Theater

### Wingate Inn

4711 N. Elizabeth St.  
 Pueblo, CO 81008-2055  
 (719) 586-9000  
 4.15 miles N. of Theater

### Restaurants

#### Carl's Jr

Fast Food  
 (719) 544-9618  
 102 S. Santa Fe Avenue  
 Open 6 am–midnight, 24 hour drive thru

#### Do Drop Inn

Italian & Pizza  
 (719) 542-0818  
 1201 S Santa Fe Avenue  
 Open Mon-Sat, 6 am–10 pm; Sunday 6 am–9 pm

#### Franco's Bistro

(719) 295-7200 Ext 6216  
 Italian, salads, sandwiches, soups  
 Located on site in the Buell Children's Museum  
 Open Tuesday thru Saturday, 9 am–7 pm

#### Nacho's Restaurant

Mexican food.  
 (719) 544-0733  
 409 N. Santa Fe Avenue  
 (Open Mon-Fri: 11 am–8 pm; Sat/Sun 11 am–9 pm)

#### Paul's Great American Hero

Sandwiches, soups, salads  
 (719) 696-9066  
 612 N. Main Street  
 Open Mon-Friday, 8 am–4pm

#### Shamrock Brewing Co.

Irish pub, brewery and restaurant  
 (719) 542-9974  
 108 W. 3<sup>rd</sup> Street  
 Open 11 am-midnight, Sun brunch 10 am–2 pm

#### Solar Roast Coffee

(719) 555-2008  
 226 N. Main Street  
 Open Monday-Friday, 6:30 am–6 pm, Sat 8 am–pm

#### Suehiro Japanese Restaurant

(719) 583-8035  
 631 N. Main Street  
 Open Monday-Friday, 11am–2pm; 5 pm–9 pm  
 Saturday 4 pm–9 pm, Sunday by reservation only

### Handicapped Access:

There are 6 slots for wheel chairs, one each located at the ends of the top rows of the center section and the sections house left of center and house right of center.

### Emergency Numbers: ALL EMERGENCIES – 911

**Fire:** (719) 553-2830, 1551 Bonforte Boulevard, Pueblo, CO 81001

**Police:** (719) 553-2538, 230 Central Main, Pueblo, CO 81003

**Ambulance:** (719) 545-9631, 922 S Santa Fe Avenue, Pueblo, CO 81003

**Parkview Medical Center Emergency Room:** (719) 584-4500, 400 W 16<sup>th</sup> Street, Pueblo, CO 81003

**Parking:**

Available in a lot to the south of the Arts Center complex.

**Laundry:**

Lady Fair Coin Laundry #2, (719) 542-0928, 700 W. 4th St, Pueblo, CO 81003

Stoehr Cleaners, (719) 543-3360, 116 W. 7th St, Pueblo, CO 81003 (Open Monday–Friday 7:00am–6:00pm, Saturday 8:00am–5:00pm).

**Travel Directions:** The Arts Center is located in downtown Pueblo next to I-25. If traveling from the west on US 50 Merge onto I-25 South. If traveling from the east on US 50 Merge onto I-25 South. From I-25 take exit 98-B, City Center Dr. exit, then drive west one block to Santa Fe Ave., turn right, north, onto Santa Fe Ave. and drive one block to 2nd Street. Turn right, east, onto Mahlon T. White Cir. To get to the theater loading doors continue along Mahlon T. White Cir past the turnaround island and to the left you will see a large concrete wall covered with a green, blue, and red sign. Just beyond the wall is the drive that leads to the loading doors.

**Time Zone:** (GMT–07:00) Mountain Time (US & Canada)

**Map:** See Attachment A.

## MANAGEMENT

**Production Room:** Technical directors office located behind back wall of stage.

One phone line available, Internet Access through wired network hub. Unsecured Wi-Fi access available in theater. FAX and Copier located in administration building, only available 9:00 AM-5:00 PM Monday through Friday

**Green Room:** 20 ft.3 in. × 23 ft. (6.17 m × 7.01 m) located Off Right, Up Stage. There is also a kitchenette SR near the green room that has a sink, counter space, and cupboards.

**Stage Manager's Console:** There is no stage manager's console, audio monitor, or video monitor, 1 channel Telex production communication system

**Rehearsal Room:** There is no rehearsal room

**Crews:** Paid non-union professional. Available only by prior arrangement.

**Handicapped Access:** Wheelchair access to dressing rooms is through the lower lobby on ground level. No ramps from dressing rooms to stage level, stairs only. Wheelchairs must be rolled outside to loading doors to reach stage level. One handicapped restroom in same hallway as dressing rooms.

**Policies:** House opens 1/2 hour prior to curtain. Normal curtain is 7:30 pm.

Food and drink are not permitted in the house. Alcohol use is not permitted within the theater.

State law prohibits smoking in any public building.

## LOAD-IN AREA

Loading is from a driveway accessed from stage left. There is no loading dock. One truck can be accommodated at a time. Due to the nature of the drive, the drive slopes up to the doors and the asphalt is not level, tractor-trailers and buses cannot back into the space and other large vehicles have difficulty with positioning for loading.

Tractor-trailers and buses usually park on the adjacent street and cases are rolled, or carried, to the stage. The loading door is 5 ft. 11 in. wide × 6 ft. 11 in. high (1.8 m × 2.1 m).

## CARPENTRY

**Seating:** The auditorium is divided into five sections in a semi-circular classical arena configuration around the three edges of the thrust. Each row is stepped up from the first row to the last, thus creating a raked configuration. 492 seats, with 6 wheel chair accessible. Seating Chart: See attachment C

### **Stage Dimensions:**

The stage is a combination of a traditional box stage, up stage of the proscenium, and a thrust stage, down stage of the proscenium. Movable steps that lead into the house are placed along the three edges of the thrust.

**Proscenium height:** 17 ft. 11 in. (5.46 m)

**Proscenium width:** 38 ft. (11.58 m)

**Plaster line to back wall:** 22 ft. (6.7 m)

**Plaster line to D.S. lip of thrust:** 20 ft. 3 in. (6.17 m)

The thrust narrows to 17 ft. (5.18 m) across the D.S. lip. The left and right edges of the thrust are 21 ft. 5 in. (6.52 m) long, thus forming a trapezoid.

**Center line to stage left wall:** 42 ft. (12.8 m)

**Center line to stage right wall:** 31 ft. 6 in. (9.6 m)

**Grid height:** From deck to top of grid surface is 26 ft. 6 in. (8.07 m)

**Orchestra pit:** Located between the DS lip of the thrust and the first row of the house.

The US edge along the lip of the thrust is 17 ft. (5.18 m) long. The left and right edges are 6 ft. 5 in. (1.95 m) long and at a 150° angle from the DS lip of the thrust. The edge toward the house describes an arc. At the center line the pit is 12 ft. 1 ½ in. (3.69 m) long from the DS lip to the house edge. The floor of the pit is 3 ft. 7 ½ in. (1.1 m) below the stage floor and 2 ft. 4 in. (.71 m) below the lowest level of the house.

Steps lead down into the pit from left and right.

When not in use the pit is covered with legged platforms set to the level of the lowest step of the house. This is covered by a carpet, and then steps are placed along the edge of the thrust.

**Stage floor:** The stage floor is a L' Air Pneumatic Suspension Floor System®. This consists of plywood suspended over foam spacers installed on top of the original floor of fir boards. Quarter-inch thick Masonite is laid over the plywood, and is painted flat-black. The floor has excellent resiliency for dance.

Nailing or screwing into the floor is not permitted. There are no traps.

### **House Draperies (Goods):**

**House Curtain:** Motorized traveler running along a track that follows the edge of the thrust and opens or closes in 19 seconds. The drape is a golden yellow in color.

**Legs:** 4 sets, black velour with fullness 8 ft. wide × 22 ft. high (2.43 m × 6.7 m).

**Borders:** 4, black velour with fullness 55 ft. wide × 6 ft. high (16.76 m × 1.82 m).

**Full Stage:** 2, black velour with fullness 44 ft. wide × 22 ft. high (13.41 m × 6.7 m).

**Cyclorama:** 1 sky blue, seamless muslin, 53 ft. wide 22 ft. × high (16.15 m × 6.7 m).

### **Line Set Data:**

There is no fly system. All electrics and soft goods are dead hung. Trim of electrics cannot be adjusted.

### **Line Plot:** See attachment B.

**Projection screen:** Located DS of the proscenium arch is a motorized, rollup, DA-LITE® front projection screen that is 18 ft. wide × 15 ft. 9 in. high overall (5.48 m × 4.8 m). The reflective surface is 17 ft. 8 in. wide × 13 ft. 7 in. high (5.38 m × 4.14 m). When fully lowered the bottom edge of the screen is 2 ft. 9 in. (.83 m) above the stage floor. Raises or lowers in 42 seconds, and can be stopped at any point along its path.

### **Support Areas:**

**Crossover:** Behind cyclorama is 2 ft. 6 in. (.76 m) wide

**Access:** From front of house located house right through exit doorway down stairs that turn left to SL wings. Dressing rooms are located under the house and can be reached from SL or SR, Green room is located Off Right, Up Stage.

**Shop Area:** The theater shop is located behind the back stage wall. The shop is accessed from an outside doorway that is located east of the theater loading doors, 5 ft. 10 in. wide × 5 ft. 11 in. (1.77 m × 1.8 m) high, in the same wall.

**Storage:** Limited storage available in theater shop.

**Notes:** The shop's floor is below stage level and is reached by a set of stairs. There is no wheelchair access.

## LIGHTING

**Power:** 2: 240VAC; 60 Hz, 3 phase, 400A/leg, max hp 125. Connection is with lugs. USL on the back wall.

4 wire, 240VAC; 60 Hz, 3 phase, 200 amp, max hp 50. Connection is with lugs. USL on the back wall.

**Dimmers:** Dimmer per circuit configuration with 74 available @ 2.4 kw. Dimmers are CMX but can be controlled by DMX 512 boards using an available NSI I/F 501 interface unit. 29–Leprecon ULD-360 available @ 0.6 kw, DMX 512. All patching is electronic through the lighting control board.

**Control Board:** ETC, Congo Jr, Cobalt version 7.1.0 software, 2 × DMX512 direct outputs, RDM ready, with Congo Jr Master Playback Wing with 40 faders and master keys. Located in control booth at rear of house.

**Houselights:** Control locations are house left, stage right, and in lighting control booth.

**Circuits:** 72–Colortran 192, 2.4 kw dimmers, fixed rack. 29–Leprecon ULD-360, 0.6 kw.

### **Circuit Locations:**

Location	Available 20 amp	Circuit Numbers
Beam	10	3, 5–12, 80
Catwalk	10	13–18, 20–23
1st Electric	10	24–33
2nd Electric	7	34–39, 79
3rd Electric	10	41–43, 45–50
DSL Floor pocket	3	51–53
CL Floor pocket	3	54–56
UCL Floor pocket	3	57–59
USL Floor pocket	3	60–62
USC Floor pocket	3	63–65
DSR Floor pocket	3	66–68
CR Floor pocket	3	69–71
UCR Floor pocket	3	72–74
USR Floor pocket	3	75–77

Location	Available 5 amp	Circuit Numbers
Beam	17	101–107, 109–118
Catwalk	6	119–124
1st Electric	6	125–130

**Front of House Transfer:** None available

**Lighting positions:** Permanent lighting positions are located at a semi-circular FOH beam position, a catwalk that follows the edges of the thrust, a 1st electric located 3 ft. 9 in. (1.14 m) US of the plaster line, a 2nd electric 9 ft. 6 in. (2.89 m). US of the plaster line, and a 3rd electric 16 ft. 4 in. (4.97 m). US of the plaster line.

### **Equipment inventory:**

**Front of House Instruments:** 24–ETC Source 4 19°, 575w, 2P&G. Color cut size is 6¼".

### **Lighting Instrument inventory:**

10–Altman 6×12 ERS, 575w, 2P&G

4–Altman 6×9 ERS, 575w, 2P&G

2–Altman 4½×6 ERS, 575w, 2P&G

6–Century 6×9 ERS, 750w, 2P&G

9–Century-Strand 6×9 ERS, 750w, 2P&G

14–Century 6" Fresnel, 500w, 2P&G

9–Century-Strand 6" Fresnel, 500w, 2P&G

9–Times Square 6" Fresnel, 500w, 2P&G

Color cut size is 7 ½" for all above.

70–ETC Source 4-fixture bodies, 575w, 2P&G

14–ETC Source 4 750-fixture bodies, 575w, 2P&G

1–ETC Source 4 750-fixture body double-clutch, 575w, 2P&G

1–ETC Source 4 5° Lens tube

Color cut size is 14".

5–ETC Source 4 10° Lens tubes

Color cut size is 12".

2–ETC Source 4 14° Lens tubes

Color cut size is 7 ½".

28–ETC Source 4 19° Lens tubes

22–ETC Source 4 26° Lens tubes

30–ETC Source 4 36° Lens tubes

8–ETC Source 4 50° Lens tubes

Color cut size is 6 ¼".

1–ETC Source 4 90° Lens tube

Color cut size is 7 ½".

10–Century Strand 6 ft. 3 color strip lights 4 lamps/color, 150w, 2P&G

Color cut size is 5⅝".

**Accessories:** 7–Source 4 Drop in Irises, 6–Rosco ImagePro.

**Followspot (s):** 2–Lycian 1206 Midget, 1000w FEL lamp. 3" diameter-color cut size. Located on the FOH beam to the left and right of the technical booth.

**Film, Video, And Projection Equipment:** 1–Epson EX100 TFT projector. 3–Kodak Ektagaphic III projectors. 1–AMX wireless projector remote control.

**Hardware:** 4–barn doors. 17–Altman pattern holders, 25–S4 A size pattern holders, 16–S4 B size pattern holders. 6–S4 Top Hats, 8–1' long vertical extension tubes. 8–50 lb. boom bases, 8–10 ft. pipes, 8–15 ft. pipes. 40–single-T side arms.

**Note:** Front of house instruments included in lighting instrument inventory.

## SOUND

**Power:** 120V 1 phase, 5, 20A circuits

**Wiring:** Rapco Snakes–1–24-Channel female XLRs /4-male XLRs Return. 1–8-Channel TSR male to XLR male. Snakes run from booth to SL.

**Control Locations:** Technical booth at rear of house, house mix position is at center of rear aisle behind last row of seats. Removable sliding solid panels and glass panes fit into the opening from the booth to the house.

**Hearing Assist System:** The theater is equipped with a Williams Sound® wide-band FM wireless listening system. The system utilizes the 72.9MHz frequency that broadcasts amplified sound to small receivers into which lightweight headphones are plugged.

**Monitor/Paging System:** None available.

**Production Communications:** Telex 1 channel base in control booth, 6 headsets, 2 handsets, 7 beltpacks, stations as needed throughout the space.

### **Equipment Inventory:**

**Mixing Consoles:** 1–PreSonus StudioLive 24.4.2; Fat Channel processing with 4-band fully parametric EQs, compressors, limiters, and expander/gates; DSP effects; 10 aux buses; 4 subgroups; 4 stereo (dual mono), 31-band, 1/3 octave graphic EQs.

**Fixed Speakers:** 2–Yorkville U15P 900W Active Triamp. 2–Yorkville LS801P 1500W Active subwoofer. 2–Yamaha WF115, two way system comprising 15 in. woofer with 2 in. compression driver.

**Portable Speakers:** 5–db Technologies M12-4 Plus 470W RMS bi-amp monitor speakers. 2–EV Tapco Model 100S two way constant directivity speakers. 2–Yorkville Performance Y150 passive 15 in. LF driver, 1 in. HF driver.

### **Microphones:**

- 1–Audio-technica ATM61HE (hypercardioid)
- 2–Audio-technica ATW-T21 lavalier wireless
- 4–Crown PCC-160 (phase coherent cardioid)
- 1–SM58 Microphone w/SLX2 Handheld Transmitter
- 2–Shure SM58 (cardioid), switched
- 5–Shure SM58 (cardioid)
- 5–Shure SM57 (cardioid)
- 1–Shure SM59 (omnidirectional)
- 1–Shure WL93 Subminiature lavalier wireless
- 3–Shure SM137 (cardioid condenser)

### **Microphone Stands:**

- 8–Atlas TL28E Tripod stands, adj. 2ft. 10in.-5ft. 2in. H.
- 4–Atlas DMS-7E, 10in.dia.base, adj. 8in.-13in. H.
- 2–Atlas DS-7 Desk stands, 6in.dia. base, adj. 8in.-13in. H.
- 2–Adam AMS601 Stands, 10in.dia.base, adj. 2ft. 9in.-5ft. H.
- 8 boom attachments.

**Playback:** 2–Stanton C.402 compact disc players.

**Signal Processors:** 1–ART EQ231 dual-channel 31-band 1/3 octave extended, long throw, equalizer.

1–ART EQ300 dual-channel 31-band 1/3 octave equalizer. 1–Yamaha REV100 digital reverberator.

**Amplifiers:** 2–Yamaha P2500, in bridge mode at 700 watts. 1–Yamaha P1500, in stereo mode at 150 watts.

**Cable:** 15–25 ft. (7.6 m) three pin XLR male to female, 3–30 ft. (9.1 m) three pin XLR male to female, 5–50 ft. (15.2 m) three pin XLR male to female, 3–75 ft. (22.86 m) three pin XLR male to female, variety of adapters available.

**Notes:** Mixing console can be moved from booth to house mix position at need.

## **Props**

**Orchestra pit:** Located between the DS lip of the thrust and the first row of the house.

The US edge along the lip of the thrust is 17 ft. (5.18 m) long. The left and right edges are 6 ft. 5 in. (1.95 m) long and at a 150° angle from the DS lip of the thrust. The edge toward the house describes an arc. At the center line the pit is 12 ft. 1 ½ in. (3.69 m) long from the DS lip to the house edge. The floor of the pit is 3 ft. 7 ½ in. (1.1 m) below the stage floor and 2 ft. 4 in. (.71 m) below the lowest level of the house.

Steps lead down into the pit from left and right.

When not in use the pit is covered with legged platforms set to the level of the lowest step of the house. This is covered by a carpet, and then steps are placed along the edge of the thrust.

### **Music:**

**Chairs:** Number available as needed, Virco model 8916SB, back and seat covered in brown cloth.

**Stands:** 2–Wenger model 18 black, 6–Manhasset Model 48 black.

**Stand lights:** 8–40w, 120v switched.

**Conductor Podium:** None available.

**Orchestra Shell:** None available.

**Platforms:** 8–4 ft. × 8 ft. (1.21 m × 2.43 m), 2 ft. (.6 m) high removable legs.

**Dance Floor:** A black/gray Harlequin floor is available for use.

**Lecterns:** 2 black painted podiums, 1 with built in light.

### Wardrobe

**Dressing Rooms:** Four dressing rooms are located under the house. Two are chorus sized 12 ft. 6 in. × 14 ft (3.84 m × 4.26 m) and both contain chairs, lighted mirrors, sinks, a shower and a costume rack. Two are private sized 6 ft. 6 in. × 8 ft. 5 in. (1.98 m × 2.56 m) and contain chairs, lighted mirrors, sinks and a costume rack. Access to the stage is by way of a hall that runs under the house from off stage left to off stage right. Restrooms are located near the dressing rooms, down the hall toward the stage right entrance.

**Wardrobe Area:** There is no separate wardrobe area.

**Irons:** 2 steam irons.

**Ironing boards:** 1

**Steamers:** 1–Jiffy J-4000M Steamer.

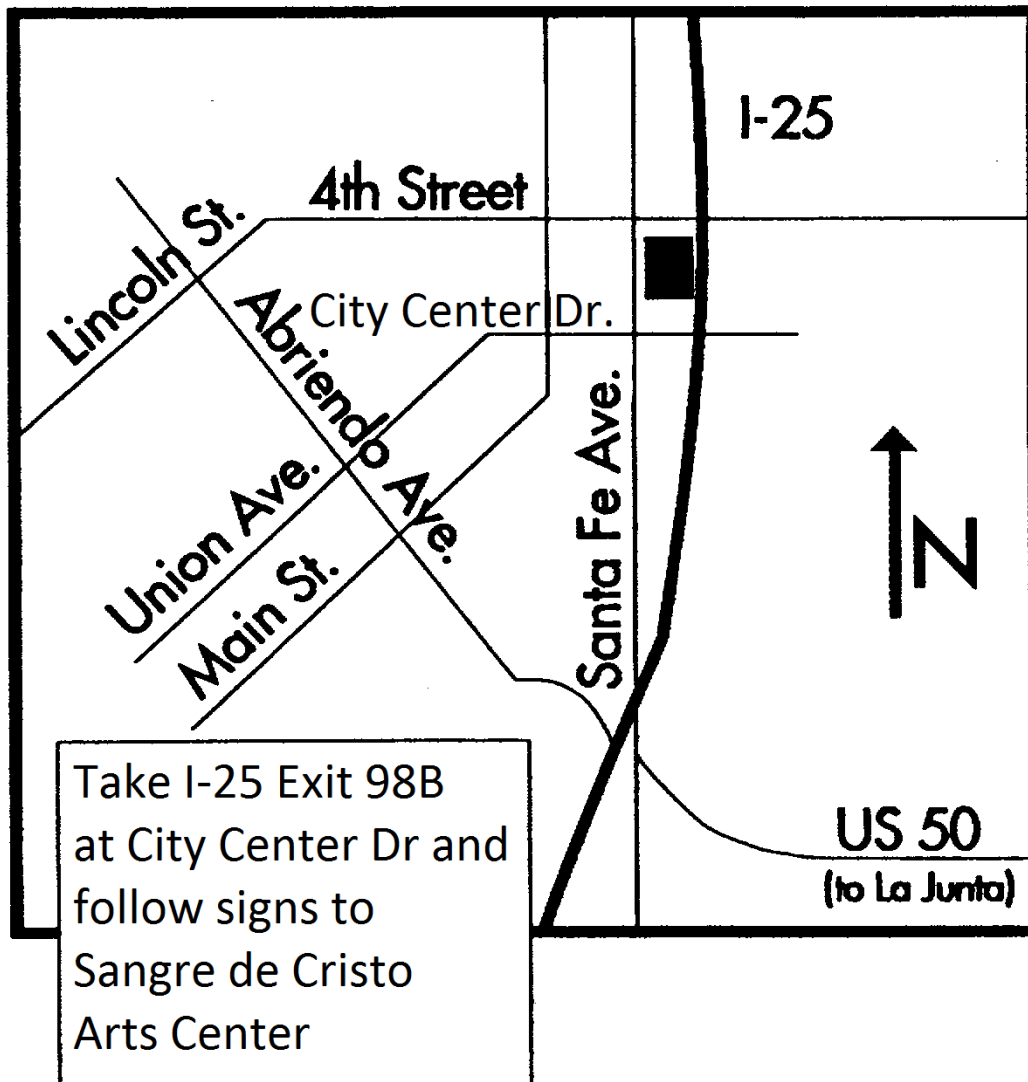
**Washers/dryers:** None available.

**Racks and hangers:** None available.

**Quick Change Booths:** As requested

**Notes:** If wardrobe needs to be cleaned it must be taken offsite to a Laundromat.

### Attachment A





## Attachment B: Lineset Schedule

Distance From Plaster Line	Line #	Description of Goods	Center Line	Trim Height	Piece Size	
-17 ft. (-5.18 m)		House Curtain traveler, DS closed position.	C/L			
-3 ft. (-.91 m)	-2	Bare batten.				
-1 ft. 9 in. (-.53 m)	-1	DA-LITE® front projection screen.				
0 ft. (0 m)	0	Plaster Line.				
6 in. (0.1524 m)	1	House Curtain.	C/L			
2 ft. 3 in. (0.68 m)	2	Traveler track Act Curtain. Black Velour with fullness.	C/L	20 ft. 7 in. ( 6.27 m)	22 ft. × 19 ft. 9 in. × 2 (6.7 m × 6.01 m)	
2 ft. 9 in. (0.83 m)	3	False valence. Black Velour with fullness.				
3 ft. 9 in. (1.14 m)	4	1st Electric.		19 ft. 6 in. (5.94 m)		
4 ft. 9 in. (1.44 m)	5	1st Legs. Black Velour with fullness.	24 ft. ( 7.31 m)	Deck	8 ft. × 22 ft. (2.43 m × 6.7 m)	
7 ft. (2.13 m)	6	1st Border. Black Velour with fullness.		17 ft. 2 in. (5.23 m)	55 ft. × 6 ft. (16.76 m × 1.82 m)	
7 ft. 6 in. (2.28 m)	7	Traveler track	C/L			
8 ft. (2.43 m)	8	2nd Legs. Black Velour with fullness.	21 ft. ( 6.4 m)	Deck	8 ft. × 22 ft. (2.43 m × 6.7 m)	
9 ft. 6 in. (2.89 m)	9	2nd Electric.		19 ft. 6 in. (5.94 m)		
11 ft. 4 in. (3.45 m)	10	2nd Border. Black Velour with fullness.		16 ft. 9 in. (5.1 m).		
11 ft. 4 in. (3.45 m)	10	3rd Legs. Black Velour with fullness.	21 ft. ( 6.4 m)	Deck	8 ft. × 22 ft. (2.43 m × 6.7 m)	
14 ft. (4.26 m)	11	3rd Border.		16 ft. 3 in. (4.95 m).		
15 ft. 4 in. (4.67 m)	12	3rd Electric.		19 ft. 6 in. (5.94 m)		
16 ft. 4 in. (4.97 m)	13	Traveler track.	C/L	22 ft. 4 in. ( 6.8 m)		
16 ft. 11 in. (5.15 m)	14	6-Century Strand 6 ft. 3 color strip lights.				
17 ft. 8 in. (5.38 m)	15	4th Legs	22 ft. ( 6.7 m)	Deck	8 ft. × 22 ft. (2.43 m × 6.7 m)	
17 ft. 8 in. (5.38 m)	16	Traveler track Black Velour with fullness	C/L	22 ft. 7 in. ( 6.88 m)	22 ft. × 21 ft. 9 in. × 2 (6.7 m × 6.62 m)	
19 ft. 6 in. (5.94 m)	17	Muslin Sky Drop (Cyclorama).		Deck	53 ft. × 22 ft. (16.15 m × 6.7 m)	

**Grid height:** From deck to top of grid surface is 26 ft. 6 in. (8.07 m)

**Note:** There is no fly system. All electrics and soft goods are dead hung using chain.

# Attachment C

