

# Macey Center

## Technical Manifest

revised 06/21/19 (by Ronna)

### Venue Information

#### Business Office:

Mailing Address: 801 Leroy Place  
Socorro, NM 87801

Physical Address: 09 Olive Lane  
Socorro, NM 87801

Telephone Number: 575-835-5342  
Fax Number: 575-835-6518

#### Key Personnel:

**Erin Kendall, Theater Manager, Macey Center** 575-835-5795 / 505-377-8702  
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**Ronna Kalish, Director, Performing Art Series** 575-835-5688 / 575-418-8949  
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**Gloria Gutierrez-Anaya, Manager, Macey Center** 575-835-5342 / 575-404-9157  
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### Directions to Macey Center, Socorro, New Mexico

#### From North of Socorro (Albuquerque Area):

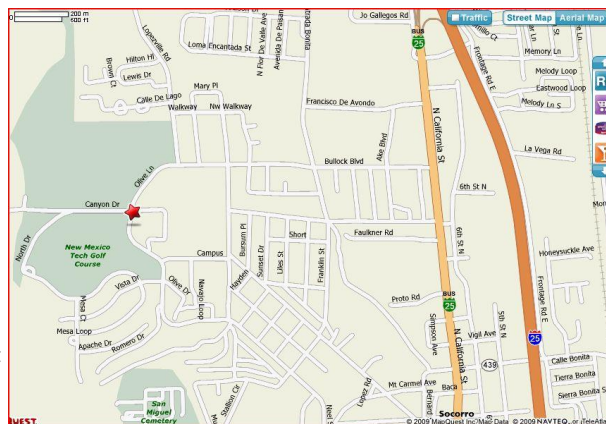
Take Interstate 25 South 75 miles to Socorro, Exit #150;

#### From South of Socorro (Las Cruces/EI Paso Area):

Take Interstate 25 North to Socorro, Exit #150;

#### From Exit #150 in Socorro

- Exit ramp will place you on California St. in Socorro
- Take California St. (south) to Bullock Ave. (2<sup>nd</sup> traffic light)
- Turn right (west) at Bullock Ave.
- Proceed through three stop signs
- After third stop sign (Bullock Ave and Lopezville Rd), street curves to the left
- Just after that curve, Macey Center is on the right (west side)
- Loading dock is located on the south side of the building



# House Information

# Stage Information

## Theatre

- Indoor Proscenium Theatre
  - with adjustable height hydraulic orchestra pit
- Outdoor Natural Amphitheatre
  - shares rear of stage via large rolling doors
- Seating Capacity
  - Fixed Seats on a 7 Degree Rake..... 615
  - Expanded Seating ..... 135
  - Total Capacity..... 750
- Non-Union House
  - Labor force is comprised of full time Technical Director, theatre staff, students & volunteers.
- Security
  - Stage is equipped with safety alarm that immediately alerts Campus Police if triggered.

## Loading Dock

- Dock is Stage Level. Single Bay
    - located at street level,, south side of facility
  - Additional Loading
    - Rear amphitheatre doors may be used for loading directly onto stage floor
    - Scene shop doors may be used for loading onto to stage left
- |                             |         |
|-----------------------------|---------|
| Dock Height.....            | 3' 4"   |
| Dock Door Width.....        | 7' 10"  |
| Stage Door Width (SR).....  | 6' 10"  |
| Stage Door Height (SR)..... | 6' 6"   |
| Rear Door Width .....       | 35' 8"  |
| Rear Door Height.....       | 13'     |
| Shop Door Width (SL).....   | 7' 10"  |
| Shop Door Height (SL).....  | 11' 10" |
| Shop to Stage Width.....    | 18'     |
| Shop to Stage Height.....   | 15'     |

## Dressing Rooms

- Two (2) separate dressing rooms adjacent to stage
  - 10 Person Occupancy
  - Mirrors with makeup lighting
  - Couches, chairs, dressing counters
  - 2 sinks per room
  - 1 separate shower per room with hot water
  - 1 separate commode per room
  - Also available: costume racks, iron with board & concessions
- Additional space available for Production Office, Meals, Extra Dressing, etc. (Advanced Booking Required)

## Booth Space

- Light and Sound Booths; located at center rear of house, audience Level, open air
- Spot Booths; located in elevated, enclosed rooms directly above light & sound booths
- Additional Booth; fully enclosed elevated booth may be used for Production/Direction with phone & data connections

## House Backline

- Mason and Hamlin 9' Concert Grand Piano
  - (Rebuilt 6/2004)
- Music Stands

## Projection

- Projector; Panasonic PT-D5600 w/ImageCue
- Screen; 20' x 20' white

## Measurements

Proscenium Width.....	54'
Proscenium Height.....	22'
Apron to Plaster Line.....	11' 3"
Plaster Line to Back Wall.....	41' 6"
Full Stage Width.....	77' 6"
Wing Space- Stage Right.....	8' 6"
Wing Space- Stage Left.....	11' 6"
Orchestra Pit Width.....	44' 9"
Orchestra Pit Clearance.....	6' 4"
Orchestra Pit Depth Max for Performance	10'

(see STAGE LAYOUT DOCUMENT for visual depiction)

## Electrical Hookup

- 200 Amp, 3 Phase Tie-In Service
    - located below Stage Right; 75' cord run minimum
  - 6-20 Amp Distribution,
    - Located Stage Left; Edison Plugs
- (Electrical services requires two weeks advance notice)

## Floor

- Suspended softwood floor; flat black
- Vinyl Dance Floor; 29' 6" x 50' black

## Other Equipment

- Wooden Platforms 4' x 8' x 8" (9 pieces)
- Wenger Series 61 Portable Orchestra Shell 6' x 13' (11 pieces)

## Scene Shop

- Carpentry/Metal Shop; located off of stage left, 30' x 45'
  - Assorted equipment & tools
  - Set & lumber storage
  - Genie AWP 25S 25' personal power lift
  - 12' A-Frame aluminum ladder
  - 6' A-Frame aluminum ladder
  - 6' A-Frame wooden ladder

## Fly System

- Counterweighted Arbor System; located on stage right
  - Manual powered by rope with fly & load galleries
    - 32 Line Sets
    - Battens 56' x 1.5" schedule 40 batten
    - Maximum fly height 41' 6"
    - Crossover 7'
      - (upstage between south wall & line set 28)
    - Brake rail is elevated at 24'
    - Main curtain is operable from Fly Gallery or from floor
    - Dead Hung Bridge
      - (downstage line sets 4a & 4b; used as 1st Electric)

## Drapes

- Main Curtain (1) 56' x 25' 6"
  - 26 oz. synthetic velour (2 piece) guillotine, plum
- Legs (5) 12' x 25' 6"
  - 26 oz. synthetic velour, black
- Borders (5) 60' x 10'
  - 26 oz. synthetic velour, black
- Traveler Curtain (1) 56' x 25' 6"
  - 26 oz. synthetic velour (2 piece), black
- Cyclorama (1) 56' x 25' 6"
  - Natural muslin

## Communications

- Wired in-house
  - Clear Com belt packs 8
  - Clear Com headsets (Single Muff) 8
  - Clear Com CS-200k 2 channel power supply at spot booth

Permanent connections at sound console, light booth, spot booth, stage right, stage left, fly gallery, & concession stand

# Audio

## Sound Mixing Consoles

Soundcraft Vi3000 48x24	1
Soundcraft Vi1 32x8	1

## Sound Processing

DBX 2031 1/3 Octave EQ	1
DBX 2231 Dual 1/3 Octave EQ	6
DBX 266 Comp/Gate	1
DBX 262 Comp Limiter	1
DBX Driverack Venu360 Processor	3
DBX Driverack 260 Processor	2

## Effects

Yamaha Rev 500	1
Alesis Microverb 4	1

## Record/Playback

Denon DN-4500 Dual CD/MP3	1
Toshiba DKR40KU DVD Player	1
Marantz DCR632 CD Recorder	1

## Power Amps

Crown XT12000	4
Crown XT14000	2
Crown XT12002	6
Crown XT14002	8
Crown I-Tech 4x3500HD (array)	2

## Speakers/Monitors

JBL VRX932LA (House 4-C & 4-Fill)	8
JBL SRX728 sub (House: LRC)	3
JBL VT4887A (L6 & R6 flying arrays)	12
JBL SRX835 (House 2L & 2R)	4
JBL SRX828S sub (House 2L & 2R)	4
JBL MPro415 monitor	7
JBL PRX715	2

## Assisted Listening

Sennheiser EW2000 In Ear Monitor	8
Sennheiser Assisted Listening System	1

## Microphones/DI

Shure Beta58	8
Shure Beta57	4
Shure Beta56	4
Shure Beta52	1
Shure SM58	6
Shure SM57	10
Shure SM81	2
AKG C310	2
Sennheiser E865	6
Sennhesier E609	2
Countrymen 85 DI	4
Conquest EDB DI	3
Rapco DB200 Stereo DI	1
Rapco LTI100 Laptop/Mini Stereo DI	1
Crown CM30	3
Shure T4V Diversity Receiver- 2 Channel Lav Wireless	2
Shure Beta 58-ULXP4 Wireless	2
Sennheiser EM2050 Wireless	6

## Mic Stands

Round Base Straight Tall	4
Round Base Short Boom	4
Round Base Table Top	7
Tall Tripod Boom	14
Short Tripod Boom	3

## Cabling

### Fixed in House:

- Rapco Split Snake with Ground Lifts  
32x16, 250' with 20' Monitor Fan
- Conquest Sub Snake 8x4 50'

### Portable:

- Whirlwind Split Snake with Isolation Transformers, Ground Lifts,  
24x4, 100' with 20' Monitor Fan
- Conquest Snake in Road Case  
24x4 120'
- Whirlwind Sub Snake  
12 Channel 50'

# Lighting

## Control

ETC Ion 4–uni. w/2 wings Lighting Console	1
ETC Ion Wireless Remote Focus Unit	1
Unison Architectural Control	1

## Dimmers

ETC Sensor3 SR–48 Dimmer Rack	2
2.4Kw Dimmers	192
2.4kw Relay	24
House Light Dedicated Dimmers	12
First FOH Beam Dimmers	20
Second FOH Beam Dimmers	30
First Electric Dimmers	30
Second Electric Dimmers	16
Third Electric Dimmers	16
Fourth Electric Dimmers	16
Fifth Electric Dimmers	16
Dimmers in SL Floor Pockets	15
Dimmers in SR Floor Pockets	15
Non–Dimmer Control Work Lights at SM Position	
Dimmer Control Work Lights on First Electric	

## Fixtures

ETC Source Four 19 Degree—575w	18
ETC Source Four 26 Degree—575w	32
ETC Source Four 36 Degree—575w	27
ETC Parnel–575w	56
ETC Lustr+. Source 4 L.E.D. engine	56
ETC Lustr+ Souce 4 Fresnel L.E.D.	24
Altman Spectra Cyc200 RGBA L.E.D.	10
Martin Quantum Profile L.E.D. mover	6
Martin Rush MH–1 + Profile L.E.D. mover	10

## Spot Lights

Lycian Super Arc 250	2
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## Smoke/Fog

High End Systems F100 DMX Fogger	1
Reel FX DF50 Hazer	1

## Stands

1 ¾" x 12' Pipe	4
1 ¾" x 9' Pipe	4
1 ¾" x 5' Pipe	4
50 lb base 22" threaded	4
50 lb base 24" threaded	4

## Floor Boxes

30 dimmers. 15/per side.

- Located 27' from center
- Located at 3' 13' 23' & 33' from plaster wall
- Pocket at 3' encloses 3 dimmers
- Pockets at 13' 23' & 33' encloses 4 dimmers

## Hanging Positions

	Distance from Plaster Line	Distance from Center	Distance above Stage	Length
First FOH Beam	16'		25'	60'
Second FOH Beam	32'		23'	60'
FOH Side Pipes	10'	30'	25'	6'
First Electric 2 pipes Dead Hung Bridge				
*Line Set 4a	5'		24'	60'
*Line Set 4b	7'		23' 6"	60'
Second - Fifth Electrics 8 drop boxes; 8 circuits each	Adjustable		Adjustable	60'

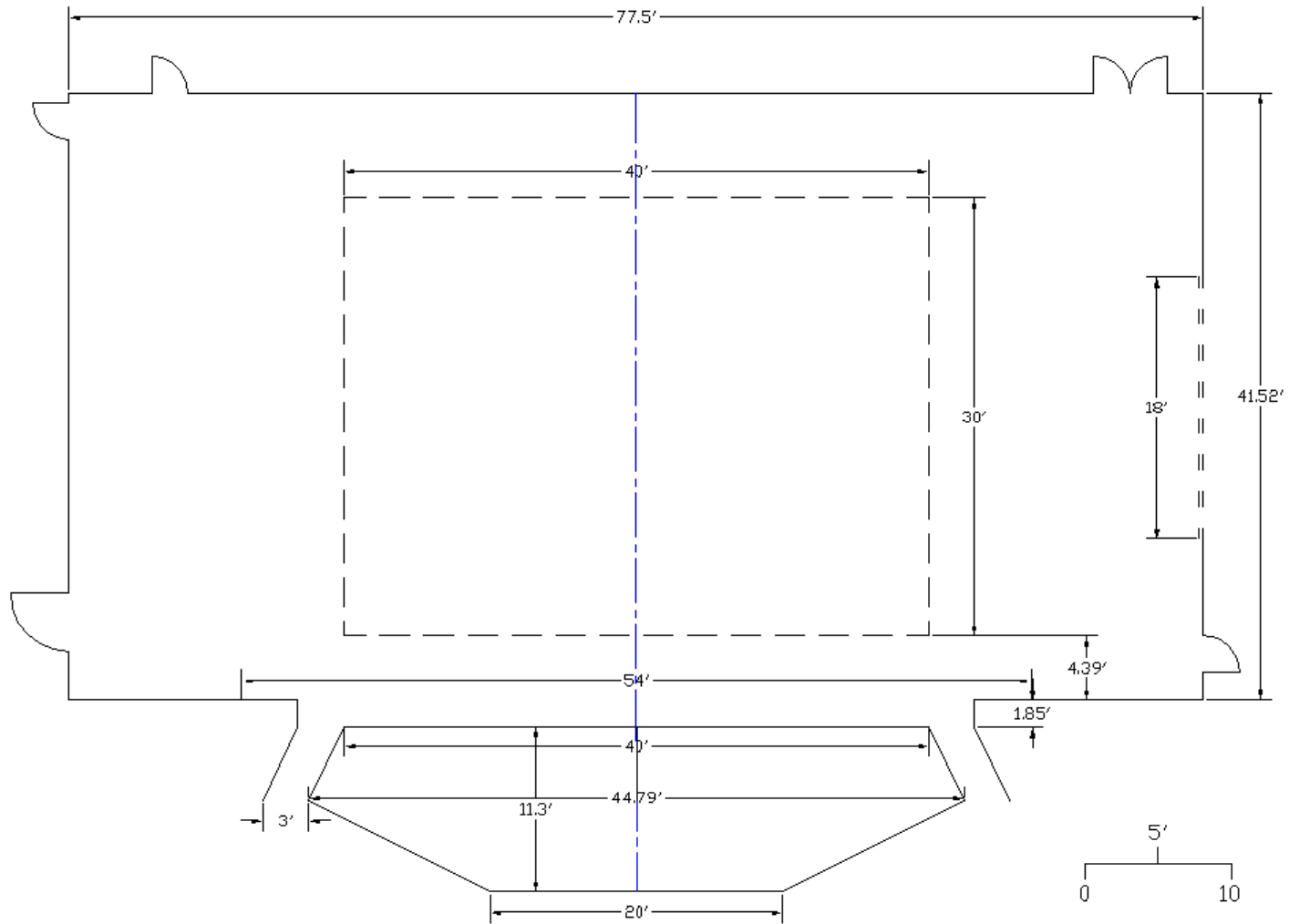
Available inventory subject to change without notice.

Additional lighting documents available:

Line Set Image

Line Set Text

# Macey Center Theater Stage Layout





# Macey Center Theater Line Set Image





## Macey Center Theater Line Set Text

Line #	Location	Use
1	1ft	Main Curtain*
2	1ft 6in	Teaser (1 <sup>st</sup> Border)
3	2ft	Tormentor (1 <sup>st</sup> Legs)
4	2ft 6in	Screen (for stage projection facing upstage)
Bridge	3 ft & 4ft 6in	Dead Hung 1 <sup>st</sup> Electric (not movable)
5	5ft 6in	Screen (for auditorium projection facing house)
6	6ft 6in	Traveler (not movable)
7	8ft 6in	2 <sup>nd</sup> Border
8	9ft 6in	2 <sup>nd</sup> Legs
9	10ft 6in	2 <sup>nd</sup> Electric
10	12ft	Open
11	13ft	Open (tall arbor)
12	14ft	Open (medium arbor)
13	15ft	3 <sup>rd</sup> Border (medium arbor)
14	16ft	3 <sup>rd</sup> Legs
15	17ft	3 <sup>rd</sup> Electric
16	18ft	Open
17	20ft 6in	Open
18	21ft	Open
19	22ft	4 <sup>th</sup> Border
20	23ft	4 <sup>th</sup> Legs
21	24ft	4 <sup>th</sup> Electric
22	25ft	5 <sup>th</sup> Border
23	28ft	5 <sup>th</sup> Legs
24	29ft	Cyc Electric
25	30ft	LCD Projector Mount
26	31ft	6 <sup>th</sup> Legs
27	32ft	Open
28	32ft 6in	Cyclorama
29	33ft	Back Curtain
30	33ft 6in	Open (used for X-over)
31	34ft	Open (used for X-over)
32	34ft 6in	Open (used for X-over)

\*Note: There is actually a fire curtain between Main Curtain & Proscenium  
As a result: Actual measurements start a 4 inches from Plaster Line  
Main curtain actual measurement 1ft 4in., for accuracy add 4 inches to each line  
Arbor Capacity: 500 lb.(17.5 bricks x 29.5 lbs.), Medium-800 lb.& Tall-1,000 lb.