

## THEATRE TECH MANUAL

## **Location and Mailing Address:**

Irving Arts Center 3333 North MacArthur Suite 300 Irving, Texas 75062

## **Telephone Numbers:**

(972) 252-7558 Administrative Offices

(972) 252-ARTS (2787) Box Office (Tickets and information)

(214) 878-5601 Security

### **Facilities Managed by:**

Irving Arts Center,
City of Irving Department of Arts and Culture

#### **Architect:**

F&S Partners, Inc.

### **Rental Fees:**

For more information, visit www.irvingartscenter.com

## For Theater Booking and Technical Information:

PH (972)252-7558, Ext.1262. Iris Tovar, Booking Coordinator - itovar@cityofirving.org

### **CONTENTS**

Section One - Carpenter Hall Specs	page 2
Section Two - Dupree Theater Specs	page 7
Section Three- Shared Equipment & Facilities	page 12
Section Four - Ground Plans	page 16-17

## **SECTION ONE: CARPENTER HALL SPECIFICATIONS**

#### HOUSE

## **Seating Capacity**

**Total seating** 711

> 637 Main floor 40 **Balcony**

28 Box seats (7 per box)

Wheel chair seating main floor: 4 back of house, 2 HL 6

Farthest seat from plaster 74' 4" 55' 8" Farthest seat from pit 21'9" **Nearest seat from plaster** 4' 1" Nearest seat from pit

#### STAGE

#### Proscenium

30' high X 60' wide

Depth: Proscenium to back wall 49' 1" Depth: Front of stage to back wall 53' 0"

### Centerline

44' 4" To stage right wall To stage left wall 44' 4"

Wing Space

7' 0" To SR Arbor cage To SL wall 11' 6"

#### **Stage Floor**

Tempered Masonite over plywood over wood sleepers. Floor is painted flat black. Stage screws and self-tapping screws are acceptable. NO NAILS PLEASE. Floors may be painted by user with only LATEX based paint (NO oil or enamel based paint). However, it will be the responsibility of the USER to restore it to black IMMEDIATELY after strike (Paint to be specified by Theatre Operations). Dance companies are advised to supply a dance floor. Use of rosin may incur an additional cleaning charge.

#### **SOFT GOODS INVENTORY**

Main curtain and valence, burgundy velour

Main - 2 panels, 32'H X 37'W with vertical rise from fly floor located stage right.

Traveler opens from stage floor located stage right.

Valence - 10H x 68'W, adjustable trim

Material	Туре	Qty	Size	Color
Velour	Main curtain	1(2 panels)	32'H X 37'W	Burgundy
Velour	Valence	1	10'H X 68'W	Burgundy
Velour	Border	1	14'H X 102'W	Black
Velour	Border	3	10'H X 102'W	Black
Velour	Legs	1 pair	38'H X 15'W	Black
Velour	Legs	3 pair	32'H X 15'W	Black
Velour	Traveler	2(2panels ea)	32'H X 30'W	Black
Muslin	Сус	1	30'H X 60'W	Natural

### **FLYING**

Fly System - Single purchase counterweight system with 36 line sets as follows:

House goods 17

5 **Electrics** 

14 **Empty** 67' 10" Grid height

Fly floor 11' 10" from stage left floor

First available Line Set from plaster 3' 7" (line 4) Last available Line Set from Plaster 35' 2" (line 36)

37' 4" from plaster Cyclorama

Cyc is constructed of seamless bleached muslin measuring 30' high X 60' wide

### **LIGHTING**

#### **Road Box:**

Stage left plug-in

One 600A 3-phase, 5 wire disconnect box With Cam Loc (SL)

One 100A 3-phase, 5 wire disconnect box (distributed for lighting or audio)

One lighting transfer box (can interface with circuits 1-44, 20A, booth, catwalk, & side)

## **Light Console** (Located HL at rear of house)

ETC EOS Ti with 10 fader motorized wing

Computerized patch provides for the assignment of any combination of dimmers to a desired control channel.

Dimmers: 276 2.4K 20A Stage pin circuit

50A Stage pin circuit 1 6K

## **Lighting Positions**

On Stage:

	1st Electric(line 5)	48	2.4K	20A Circuits	D <sup>1</sup>
	2nd Elecric(line 15)	44	2.4K	20A Circuits	D1
	3rd Electric(line 23)	40	2.4K	20A Circuit	D1
	4th Electric(line 29)	36	2.4K	20A Circuits	D <sup>1</sup>
	5th Electric(line 37)	12	2.4K	20A Circuits	D <sup>1</sup>
	4 Floor pockets each side	4	2.4K	20A Circuits (each)	D3
	4 Drop boxes each side	4	2.4K	20A Circuits (each)	D3
	Proscenium wall			20A Circuits	
	Upstage wall		2.4K	20A Circuits	D4
	•	1	6K	50A Circuits	<sub>D</sub> 5
	Orchestra pit	3	2.4K	20A Circuits	D6
	·	1	6K	50A Circuits	D6
Hou					
	Spot Booth	8	2.4K	20A Circuits	
	Catwalk	24	2.4K	20A Circuits	D <sup>1</sup>
		1	6K	<b>50A Circuits</b>	<sub>D</sub> 5
	Side fills	12	2.4K	20A Circuits	<sub>D</sub> 4

#### Distribution:

- $D^1$ Circuits duplicated left and right of centerline
- $D^2$ Circuits evenly distributed
- D3 Circuits in floor pockets are duplicated by drop boxes directly above
- <sub>D</sub>4 each side
- <sub>D</sub>5 All listed 6K. **50A Circuits** are a distribution of ONE dimmer
- Circuits duplicated in basement D6

Followspots: Two (2) - - 2K Zenon - Lycian 1290 XLT's located inside the control booth.

### **AUDIO**

## Sound Board: (Located rear of house @ center)

Yamaha CL5 Digital Console - Patching through Dante Controller

64 Digital mono inputs, 8 analog mono inputs

8 Stereo inputs

24 Mix buses

8 Matrix channels

16 DCAs

Virtual effects and EQ rack: up to 8 simultaneous multi-effect processors; up to 16 simultaneous graphic EQ's.

Dual power, internal and external supplies, with a battery backup.

4 On-stage monitor sends from sound board.

32 on-stage microphone inputs with an optional (up to) 32 more portable inputs via spare Yamaha Ri0 Stagebox.

Portable Yamaha Ri8/Ro8 IO combo.

Mac computer loaded with O-Lab.

Tascam CD/multimedia player/recorder.

Marantz CD/multimedia player/recorder.

Soundweb London Blu-806DA digital speaker processor.

**QSC** Amps for house and monitors

- 2 Cerwin-Vega Prostax speakers for the house. Dual 15" 3-way Full Range 700 watts each.
- 2 Cerwin-Vega Prostax sub-woofers for the house. Ported 15" Subs 500 watts each.
- 6 Stacked JBL Vertec VT4887A (Bi-Amp) center array speakers 4000/900 watts each, with
- 1 VT4881A (passive) subwoofer 2000 watts flown above.

Powered hot spots downstage left and downstage right for program monitoring.

Video from FOH to stage left and stage right video monitors.

20 channels Shure ULXD wireless UHF microphones (stick or pack) in - G50 & H50 Bands

Clear-Com system with wired units at each station as well as 5 wireless units

### **BACKSTAGE COMMUNICATIONS**

Stage manager's console operates from stage left. It provides intercom communication from console to dressing rooms, rehearsal hall, greenroom, wardrobe room, and technical director's office. Headset communications link the control booth, fly rail, followspot positions, and the director/designer stations in house. There are 24 locations in all and 5 wireless available.

#### **DRESSING FACILITIES**

All dressing facilities are located in the basement, one flight down via stage left stairway or backstage elevator.

Two Chorus dressing rooms accommodate approximately 33 each.

Four private dressing rooms are scheduled upon availability.

All dressing rooms include mirrors, make-up lights, overhead lighting, chairs, sinks, overhead cabinets, stage monitors, toilets, and showers.

Rolling wardrobe racks are available upon request.

Wardrobe room located in basement is equipped with washer, dryer, utility sink, and storage cabinets (shared by Dupree theater)

Carpenter greenroom is located in the basement with couches, chairs, adjustable lighting, and stage monitors.

#### **ORCHESTRA FACILITIES**

Orchestra pit measures 55' wide X 13' 6" deep

Programmed stops at 3' 6", 7' 0", & 12' 0" below stage level

Accommodates up to 60 musicians depending on instrumentation

Music stands, clip-on lights, and orchestra chairs are available as needed.

### **FRONT OF HOUSE**

Lobby with concession area, benches, chairs, and box office.

All areas are totally accessible to people with disabilities. These include entrances, seating, restrooms, water fountains, backstage, and basement (via elevator).

Headset receivers, or personal PA receiver systems, are available upon request from the IAC house manager to assist individual audience members with hearing impairments.

#### **LIGHTING INVENTORY**

**NOTE:** House uses 3 pin connectors

INSTRUMENT	Wattage	Quantity
ETC Source 4 10*	750W	6
ETC Source 4 19*	750W	35
ETC Source 4 26*	500W	31
ETC Source 4 36*	500W	36
ETC PAR-NEL	500W	36
ETC Source 4 PAR MFL	500W	12
PAR 64	1000W	66
4 cell CYC lights 4 circuit	1000W	6
Lycian 1290XLT Model 1290		
(2K)	2000W	2

## HANG SCHEDULE

Line #	Use	To Plaster	Notes
FC	Fire Curtain	0' 3"	Pull-Ring Activated
1	Valance	1' 4"	Adjustable
2	House Main	2' 2"	<b>Guillotine or Travels</b>
3	Portal Legs	2' 10"	1/4 Track Pipe (adjustable)
4	<b>Empty Pipe</b>	3' 7"	
5	1st Electric	4' 4"	Truss
7	Shell	6' 7"	
8	Legs	8' 2"	Track adjustable
9	<b>Empty Pipe</b>	8' 10"	
10	Empty Pipe	9' 7"	
11	<b>Empty Pipe</b>	10' 4"	
13	Border	11' 10"	
14	Legs	12' 8"	Track adjustable
15	2nd Electric	13' 5"	Truss
17	Empty Pipe	14' 10"	
18	Shell	17' 2"	
19	Empty Pipe	17' 10"	
21	Border	19' 5"	
22	Traveler	20' 1"	Full Track Pipe
23	3rd Electric	20' 10"	Truss
24	<b>Empty Pipe</b>	22' 4"	
25	<b>Empty Pipe</b>	23' 1"	
26	<b>Empty Pipe</b>	23' 10"	
27	Border	26' 1"	
28	Shell	26' 10"	
29	4th Electric	28' 4"	Ladder
30	Legs	29' 10"	Track adjustable
31	Empty Pipe	30' 7"	
32	Empty Pipe	31' 4"	
33	Empty Pipe	32' 2"	
35	Empty Pipe	34' 4"	
36	Empty Pipe	35' 2"	
37	5th Electric	35' 10"	Ladder
38	Star curtain Martin	37' 4"	
	Fiberlamp FL5200		
39	Traveler	38' 10"	Full Track Pipe
40	Cyclorama	40' 5"	

Note: Standard battens are approximately 68' long.

## ALL FLYING AND LOADING MUST BE PERFORMED BY IAC PERSONNEL.

## **SECTION TWO: DUPREE THEATER SPECIFICATIONS**

#### HOUSE

**Seating Capacity** 

**Total seating** 255

251 Continental seating

Wheel chair seating: 2 each, mid house right and left

Farthest seat from plaster 47' 0" 35' 6" Farthest seat from pit 15' 0" Nearest seat from plaster Nearest seat from pit 3' 0"

#### STAGE

#### Proscenium

25' high X 39' wide

Depth: Proscenium to back wall 40' 6" Depth: Front of stage to back wall 44' 10"

Centerline

To stage right wall 40' 10" To stage left wall 37' 8"

**Wing Space** 

18' 10" To stage right wall To stage left wall 13'8"

### **Stage Floor**

Tempered Masonite over plywood over wood sleepers. Floor is painted flat black. Stage screws and self-tapping screws are acceptable. NO NAILS PLEASE. Floors may be painted. However, it will be the responsibility of the USER to restore it to black IMMEDIATELY after strike (Paint to be specified by Theatre Operations). Dance companies are advised to supply a dance floor. Use of rosin may incur an additional cleaning charge.

#### SOFT GOODS INVENTORY

Main Curtain and valence, grey velour.

Main - 2 panels, 27'H x 29'W with vertical rise from fly floor located stage left. Travels open from stage floor located stage left.

Valence - 52' wide X 8' high, adjustable trim

Material	Туре	Qty	Size	Color
Velour	Main curtain	1 (2 panels)	27'H X 29'W	Grey
Velour	Valence	1	8'H X 52'W	Grey
Velour	Border	1	14'H X 90'W	Black
Velour	Border	4	8'H X 90'W	Black
Velour	Legs	1 pair	32'H X 18'W	Black
Velour	Legs	2 pair	28'H X 15'W	Black
Velour	Traveler	2 (2 panels)	28'H X 31'6"W	Black
Muslin	Сус	1	30'H X 60'W	Natural

### **FLYING**

Fly System - Single purchase counterweight system with 31 line sets as follows:

11 House goods

4 Electrics

16 Empty

Grid height 60' 0"

Fly floor 11' 5" from stage left floor

First available line set from plaster 3' 7" (line 4)

Last available Line Set from Plaster 31'4" (line 33

34' 4" from plaster Cyclorama

Cyc curtain is constructed of seamless bleached muslin measuring 30' high X 60' wide

### **LIGHTING**

## **Road Box**

200amp 3ph Disconnect (SR)

## **Light Board** (Located in the control booth above rear of house)

ETC EOS Ti with 10 fader motorized wing

206 2.4K 20A Stage pin circuit Dimmers:

1 6K 50A Stage pin circuit

## **Lighting Positions**

On Stage:

1st Electric(line 5) 3:	3 2	2.4K	20A CircuitsD <sup>1</sup>
2nd Electric(line 14) 3:	31 2	2.4K	20A CircuitsD1
3rd Electric(line 22) 2	27 2	2.4K	20A CircuitsD1
4th Electric(line 28) 3	80 2	2.4K	20A CircuitsD <sup>1</sup>
3 Floor pockets each side	4 2	2.4K	20A Circuits (each)D <sup>3</sup>
3 Drop boxes each side	4 2	2.4K	20A Circuits (each)D <sup>3</sup>
Proscenium wall	3 2	2.4K	20A CircuitsD4
Upstage wall	3 2	2.4K	20A CircuitsD4
	1	6K	50A Circuits D <sup>5</sup>
Orchestra pit	3 2	2.4K	20A CircuitsD6
	1	6K	50A Circuits D <sup>6</sup>
House:			
Spot Booth	4 2	2.4K	20A Circuits
Catwalk2	4 2	2.4K	20A CircuitsD1
	1	6K	<b>50A Circuits</b> D <sup>5</sup>
Side fills	6 2	2.4K	20A CircuitsD4

#### Distribution:

- $D^1$ Circuits duplicated left and right of centerline
- $D^2$ Circuits evenly distributed
- D3 Circuits in floor pockets are duplicated by drop boxes directly above
- <sub>D</sub>4 Each side
- <sub>D</sub>5 All listed 6K, **50A Circuits** are a distribution of ONE dimmer
- D6 Circuits duplicated in basement

Followspots: Two Lycian superstar 2.5 1279 located at the rear beam; one on either side of the control booth.

#### **AUDIO**

#### Sound Board (Located in the control booth above rear of house)

Yamaha CL5 Digital Console - Patching through Dante Controller

64 Digital mono inputs, 8 analog mono inputs

8 Stereo inputs

24 Mix buses

8 Matrix channels

16 DCAs

Virtual effects and EQ rack: up to 8 simultaneous multi-effect processors; up to 16 simultaneous graphic EO's.

Dual power, internal and external supplies, with a battery backup.

4 On-stage monitor sends from sound board.

32 on-stage microphone inputs with an optional (up to) 32 more portable inputs via spare Yamaha RiO Stagebox.

Portable Yamaha Ri8/Ro8 IO combo.

Mac computer loaded with Q-Lab.

Tascam CD/multimedia player/recorder.

Marantz CD/multimedia player/recorder.

Soundweb London Blu-806DA digital speaker processor.

QSC Amps for house and monitors.

2 Cerwin-Vega Prostax speakers for the house. Dual 15" 3-way Full Range 700watts each.

Powered hot spots downstage left and downstage right for program monitoring.

Video from FOH to stage left and stage right video monitors.

20 channels Shure ULXD wireless UHF microphones (stick or pack) in - G50 Band

Clear-Com system with wired units at each station as well as 5 wireless units

### **BACKSTAGE COMMUNICATIONS**

Stage manager's console operates from stage right. It provides intercom communication from console to dressing rooms, rehearsal hall, greenroom, wardrobe room, and technical director's office.

Headset communications link the control booth, fly rail, followspot positions, and the director/designer stations in house. There are 24 locations in all with 4 wireless coms.

#### **DRESSING FACILITIES**

All dressing facilities are located in the basement, one flight down via stage left stairway or back stage elevator.

Two Cast dressing rooms accommodate approximately 12 each.

Four private dressing rooms are scheduled upon availability.

All dressing rooms include mirrors, make-up lights, overhead lighting, chairs, sinks, overhead cabinets, stage monitors, toilets, and showers.

Rolling wardrobe racks are available upon request.

Wardrobe room located in basement is equipped with washer, dryer, utility sink, and storage cabinets (shared by Carpenter Hall)

Dupree greenroom is located in the basement with couches, chairs, adjustable lighting, and a stage monitor/paging system.

#### **ORCHESTRA FACILITIES**

Orchestra pit measures 34' wide X 7' deep

Programmed stops at 3' 6", 7' 0", & 12' 0" below stage level

Accommodates up to 20 musicians dependant on instrumentation

Music stands, clip-on lights and chairs are available upon request.

#### **FRONT OF HOUSE**

Lobby with concession area, benches, chairs, and box office.

All areas are totally accessible to handicapped. These Include entrances, seating, restrooms, water fountains, backstage, and basement (via elevator).

Headset receivers, or personal PA receiver systems, are available upon request from the IAC house manager to aid individual audience members with hearing impairments.

#### LIGHTING INVENTORY

NOTE: House uses 3 pin connectors

INSTURMENT	Wattage	Quantity
ETC Source 4 19*	575W	6
ETC Source 4 26*	575W	44
ETC Source 4 36*	575W	18
ETC PAR-NEL	575W	12
Altman Fresnel 6"	750W	12
PAR 64	1000W	36
Strand 6x12	500W	8
4 cell CYC lights 4 circuit	1000W	4
Lycian SuperStar 2.5 Model		
1279	2500W	2

**NOTE:** Wattage listed is the maximum for the type of lighting instrument

## HANG SCHEDULE

Line #	Use	To Plaster	Notes
FC	Fire Curtain	0' 3"	Pull-Ring Activated
1	Valance	1' 4"	Adjustable
2	House Main	2' 1"	Guillotine or Travels
4	<b>Empty Pipe</b>	3' 7"	
5	1st Electric	4' 4"	Truss
6	Legs	6' 7"	
8	<b>Empty Pipe</b>	8' 1"	
9	<b>Empty Pipe</b>	8' 10"	
10	<b>Empty Pipe</b>	9' 7"	
11	<b>Empty Pipe</b>	10' 4"	
12	Border	11' 1"	
13	Legs	11' 10"	
14	2nd Electric	12' 7"	Truss
15	<b>Empty Pipe</b>	14' 1"	
16	<b>Empty Pipe</b>	14' 10"	
17	<b>Empty Pipe</b>	16' 4"	
18	<b>Empty Pipe</b>	17' 1"	
19	Border	17' 10"	
20	Traveler	18' 7"	Full Track Pipe
22	3rd Electric	20' 1"	Truss
23	<b>Empty Pipe</b>	21' 7"	
24	<b>Empty Pipe</b>	22' 4"	
25	Empty pipe	23' 1"	
26	Border	24' 7"	
27	Legs	25' 4"	
28	4th Electric	26' 1"	Ladder
30	<b>Empty Pipe</b>	28'4"	
31	<b>Empty Pipe</b>	29' 10"	
33	<b>Empty Pipe</b>	31' 4"	
35	Border	32' 10"	
36	Traveler	33' 7"	Full Track Pipe
37	Cyclorama	34' 4"	

Standard battens are approximately 60' long. Note:

ALL FLYING AND LOADING MUST BE PERFORMED BY IAC PERSONNEL.

# **SECTION THREE: SHARED EQUIPMENT & FACILITIES**

#### Rehearsal Hall -

Located at stage level, accessible from backstage or lobbies.

Size: 69' X 39' (approximately). Suitable for orchestra or dance rehearsals.

Equipped with cushioned floor, full length mirrors, dimmable lighting, Sojin upright studio piano, and audio/video stage monitor.

### **Scene Shop**

- Located backstage and easily accessible to both stages via automated WON doors measuring 16' high X 12' wide.
- Modestly equipped with stationary and hand power tools as well as an assortment of manual hand tools and equipment.
- > Scheduling of the scene shop should be made well in advance through the IAC Assistant Technical Director.

### **Loading Dock**

- Access via Coker Street just east of Finley on the northwest corner of the building.
- Dock is equipped with one 50A service outlet, cable bay with pre-run cable to video positions in both theaters, lights, and dock plate.
- > Shore Power available upon request.
- ➤ Loading door measurements 10' high X 12' wide
- Dock height above ground level 3' 8"
- > Distance to Carpenter stage —— 60' 0"

### **COMMON EQUIPMENT**

## **Lighting Equipment**

Socapex cables in assorted lengths 5 pin DMX cable in assorted lengths

INSTRUMENT	Quantity
ETC Source 4 Body (575w)	15
ETC Source 4 Barrel 10*	2
ETC Source 4 Barrel 19*	17
ETC Source 4 Barrel 26*	22
ETC Source 4 Barrel 36*	23
ETC Source 4 Barrel 50*	12
ETC PAR-NEL (575w)	4
Altman Fresnel 6" (750w)	11
Altman Fresnel 10" (1k)	25
PAR 64	21
Strand 4.5x6	14
Strand 6x9	37
Strand 6x12	8
Strand 6x16	5
Strand 6x22	2
Altman 10*	1
6 cell Cyc ground row (3 circuit 1000w each)	4

12 cell strip lights (3 circuit)	6
Lighting Accessories	Quantity
GOBO (Source 4)	36
Glass GOBO (Source 4)	2
Dual ROSCO GOBO rotator	2
IRIS (Source 4)	8
13" gel frame	6
10" gel frame	123
7.5" gel frame	73
6" gel frame	25
7.5" TOP hat	4
10" 4-way Barn door	6
7.5" 4-way Barn door	10
ETC PAR Lens kit	12
10' Lighting boom W/50lbs base	8
12'Lighting boom W/50lbs base	4
5' Lighting ladder with mega clamp	4
8' Lighting ladder with mega clamp	10
Single String Gel scroller Wybron 10"	12
Double string Gel scroller Wybron 10" CXI	12

#### **Miscellaneous Equipment**

- 36 Altman scenery bumpers
- 4 MDG MAX 5000 water based fog generator
- 2 MDG Atmospheres water based haze generator
- 2 Portable ETC Sensor 3 racks with 48 dimmers each
- 8'H x 10'W pipe and drape (260 linear feet available)
- 2 Vinyl Marley dance floors
- 4 Bi-fold quick change walls with mirror
- 2 Lecterns
- 8 4'x8' Risers with skirting (optional 8" or 16" rise OR 3 risers capable of a 24" rise)
- 1 Mitsubishi XD450U digital projector 2600 lumens
- 1 NEC PA550W digital projector 5500 lumens (includes short and long throw lens)
- 1 NEC PA571W Digital Projector 5700 lumens (includes short and long throw lens)
- 1 Vivitek DU9800Z Laser Projector 18000 lumens (includes short and long throw lenses)
- 1 7.5' x 10' projection screen (front/rear projection)
- 1 6' x 6' projection screen on tripod (front projection)
- 2 19' x 12' projection screens (front/rear projection)
- 1 6' x 8' projection screen (front projection)
- 2 60' x 30' white sharks-tooth scrims
- 2 60' x 30' black sharks-tooth scrims
- 8 10'L 12"x12" box truss w/ bases
- 8 CM Lodestar 1/2-ton rigging motors
- 2 Samsung 75" HDTV monitors
- 3 Natural finish wooden stools
- 2 Black wooden stools

#### **Portable Audio Rack**

Allen & Heath SQ5 Digital Console with Dante I/O

48 Input Channels

16 Onboard Preamps

12 Stereo Mixes + L/R

3 Stereo Matrix

8 Stereo FX + Dedicated Returns

32 x 32 USB Audio Interface

24 Channels Shure ULXD wireless microphones (stick or pack) in bands G50 and H50

#### **Monitor Rig**

- Yamaha CL5 Digital Console Patching through Dante Controller
- 64 Digital mono inputs, 8 analog mono inputs
- 8 Stereo inputs
- 24 Mix buses
- 8 Matrix channels
- 16 DCAs
- Virtual effects and EQ rack: up to 8 simultaneous multi-effect processors; up to 16 simultaneous graphic EQ's.
- Up to 16 separate monitor mixes.

### **Percussion Equipment**

1ea - Vibraphone

1ea - Xylophone

1ea - Glockenspiel

1ea - Orchestra Bells (Chimes) - Musser

1ea - Orchestra Bells (Chimes) - Degan

2ea - 23" Tympani (Yamaha)

2ea - 26" Tympani (Yamaha)

2ea - 29" Tympani (Yamaha)

2ea - 32" Tympani (Yamaha)

1ea - 36" Bass Drum w/ stand (Pearl)

1ea - 36" Bass Drum w/ stand (Ludwig)

1ea - 36" Tam

1ea - 28" Tam

2pr - 18" Crash Cymbals

### Pianos (tuning fees apply)

9' Steinway Concert Grand Model "D"

7' Baldwin Grand

5'6" Steinway Model "O" (Baby Grand)

**Conover Cable – Upright** 

Sojin - Upright

#### Audio equipment

- 6 Apogee SSM front fill speakers. 2 8" speakers with horn full range (passive 200w each)
- 6 JBL SRX712m monitor wedges (bi-amp/passive 800w each)
- 16 JBL STX812m monitor wedges (bi-amp/passive 800w each)
- 4 OSC CP12 Multipurpose Powered Loudspeakers
- 2 Yamaha BR15m monitor wedges (passive 400w each)
- 8 Whirlwind passive direct boxes
- 8 Behringer active direct boxes
- 4 Galaxy passive hot spots
- 1 Galaxy active hot spot
- 3 Behringer active hot spots
- 1 Earthworks PM-40 dual piano microphone
- 1 CAD drum mic kit
- 2 Shure Beta 52A kick mic
- 9 Shure Beta 98Amp clip on tom mics
- 10 Shure SM 58 dynamic wired microphones
- 10 Shure SM 57 dynamic wired microphones
- 4 Shure Beta 87A condenser vocal microphone

Countryman B3 lavalier microphones (Standard and Low sens) - Beige, Black, Tan and Cocoa available

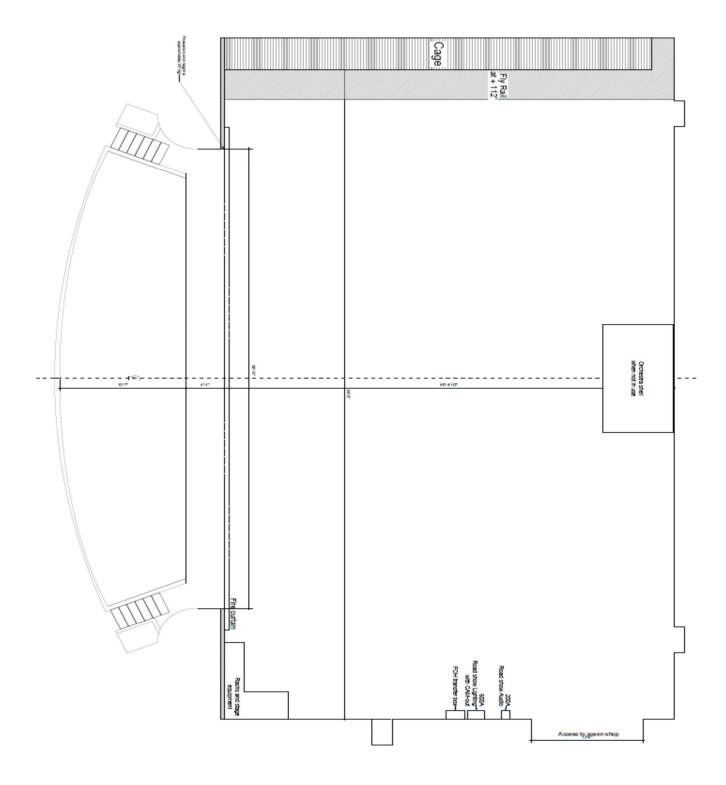
- 10 KSM137 condenser microphones
- 4 Shure Beta 181 condenser microphones (omni, bi-derectional, cardioid, and super-cardioid heads)
- 12 Shure PGA181 condenser microphones
- 4 Sennheiser MD421 II cardioid microphones
- 2 Electrovoice EV RE20 cardioid microphone
- 2 Shure Beta 91A boundary microphones
- 8 Audio Technica U851R boundary microphones
- 4 Audio Technica AT871R boundary microphones
- 3 Crown PCC-160 boundary microphones
- 2 6' drum shields

All equipment is available on a first come-first serve basis and is scheduled through the Event Information Form and the Use Agreement.

# **SECTION FOUR: GROUND PLANS**

**Note:** Scale drawings, house plots, etc. are available upon request.

# **CARPENTER STAGE**



# **DUPREE STAGE**

