

## Technical Specifications

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# Courtyard Theater

## Technical Specifications

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***The information provided in this document is subject to change***

# Courtyard Theater

## Technical Specifications

### GENERAL INFORMATION

Plano Stages is comprised of the Courtyard Theater, Cox Playhouse, McCall Plaza and The Amphitheater at Oak Point Park.



The Courtyard Theater is located near the Historic Downtown District of Plano, TX. Originally called the Cox Gymnasium, the structure was built in 1938 as part of the Works Progress Administration project. It was converted into a theater space in 2001 and its design exemplifies the cultural and social heritage of Plano.

### CONTACT INFORMATION –

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### **TRUCK LOADING DOCK/STAGING AREA INFORMATION**

The **Courtyard Theater**, address is:

1509 H Avenue  
Plano TX, 75074

The loading dock is located off of Ave G. Between 15<sup>th</sup> St. and 16<sup>th</sup> St. The truck dock is 22" high with a door opening of 10' High x 7' 7" Wide. The bay doors separating the stage from the loading dock are 11'10 High x 7'-8 ½" Wide

- No parking is permitted in the loading dock unless previously arranged with the Production Coordinator.
- Dock doors will be closed immediately upon completion of pick-up or delivery. If extended periods of the doors being open are required, Plano Stages personnel must be notified.
- Reasonable and easy access pathways through the dock are to be maintained at all times.
- Furniture dollies and = hand trucks that belong to Plano Stages must be returned after use, unless previously arranged with Plano Stages staff. Use is subject to availability.
- Any trash or construction debris in the loading dock and stage area is the responsibility of the client and should be removed daily - including sawdust, metal shavings, food and other trash.

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### **RULES AND REGULATIONS FOR PRODUCTION FACILITIES**

These rules are provided for Plano Stages user groups, which utilize any stage, backstage or related production areas. Additional policies and rules may be adopted and enforced as necessary.

- The Presenter will not permit smoking in any theater or in control rooms at any time. Smoking on stage is only permitted as part of a performance, and only when management approval and a valid fire permit have been obtained in advance. Smoking is permitted in designated areas only.
- The house opens no less than thirty (30) minutes prior to scheduled show time. All set-up and sound checks must be completed by this time. Plano Stages personnel will assist the visiting company in opening the house on time.
- The management reserves the right to determine the maximum sound level for any event in Plano Stages venues.
- All pre-production coordination between the visiting company and Plano Stages will be coordinated by Plano Stages Management. The presenter will make every effort to provide all paperwork regarding the technical needs of the event, a basic timeline and expectations of the house at least two weeks prior to the scheduled date.
- The lessee shall follow all fire code regulations regarding public performances, including the use of flame resistant materials for scenic or design purposes as well as keeping the area clear around fire doors. Certificates of fire retardancy may be requested.
- Plano Stages staff must approve any use of atmospheric effects (i.e. Smoke, Haze, Fog, Cracked oil). Plano Stages reserves the right to ban Confetti, rice and glitter from the premises at any time. Additional fees will be applied if not adhered to.
- Seat kills for production control equipment must be approved in advance by Plano Stages Management.
- Any damaged equipment must immediately be brought to the attention of Plano Stages staff.
- Access to the house tools is limited to members of the Plano Stages staff. It is the responsibility of the presenter to bring all required tools for the event. Plano Stages staff may loan tools at their discretion.
- The visiting company will not make holes; drive nails, tacks, stage screws or similar articles in any part of the premises without approval by Plano Stages Management.
- Any changes to house rigging, lighting, audio or other equipment must be approved in advance by Plano Stages Management.
- Tying in power must be performed by qualified personnel and must be arranged in advance.
- All Access to catwalks & dimmer rooms may be monitored or approved by Plano Stages staff.
- The use of man lifts, scissor lifts or forklifts to be operated by qualified personnel.
- Plano Stages must be notified if hot work is to take place a minimum of 48 hours in advance of work being performed.

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### STAGE SPECIFICATIONS

#### Stage Floor

Renewable Resources Polyboard on top of Staging Concepts (sc90) platforms. The floor may not be lagged into or painted. Approved tape (Spike, Gaff, and Glow) may be used but must be removed at the end of each event.

#### Dimensions

##### Proscenium opening (no header)

Height: 16'-2" from stage floor to Main Curtain track

Width: 36'

#### Stage Width

Full Stage Width: 51'-8"

Playable Stage space: 36' with soft goods in rep hang

#### Stage Depth

Total (Plaster line to Cyc): 28' 8"

#### Elevations

Rigging steel Height: 20'-4" (Stage Deck to bottom of I-Beam)

Catwalk Height: 16'-9 ½" (Stage Deck to walkable steel)

#### Lighting Positions

Catwalk Hanging Position Height: 18'-7" (Stage Deck to bottom of Pipe)

Balcony Rail Position Height: 8'-8 ½" (Stage Deck to bottom of Pipe; Note-only 1 ½" OD Pipe)

Grid Heights: (*Upstage to downstage pipes*): 19'-6" From stage floor to bottom of pipe

(*Stage left to Stage right pipes*): 19'-4" From stage floor to bottom of pipe

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### RIGGING SPECIFICATIONS

#### Available Rigging System

*(Due to the historic nature of the building NO FLY SYSTEM AVAILABLE)*

Fixed grid is comprised of 2" Schedule 40 Pipe

#### Miscellaneous Rigging Hardware/Equipment

Sandbags (25lb Saddlebag style)

6' & 3' Tuflex Spansets

5/8" Shackles

*Building Load capacity & full rigging inventory available upon request*

### SOFT GOOD INVENTORY

Quantity	Description	Height	Width
2	Black Velour Borders - Flat	5'	8'8"
2	Black Velour Borders - Flat	5'	15'-10"
4	Black Velour Legs	18'-6"	10'
6	Black Velour Legs	19'-6"	13'
1	Black Traveler (made up of 4 Legs)	18'-6"	40'
1	Main Curtain (Made up of 2 Curtains)	15'-9"	27' each
1	White Seamless Natural Muslin	30'	63'

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### LIGHTING SYSTEM

The Courtyard Theater has a repertory light plot which will accommodate most basic lighting needs. It is comprised of 15 areas (5 areas across, 3 rows deep). Each area is comprised of a front wash (Warm and Cool), Blue Back, Amber Back, and Open White down. There are also Vari-lite automated fixtures to allow for more flexibility. Alterations to the rep plot must be coordinated with the Production Coordinator.

*See Appendix B- Rep Light plot, for more information*

### Lighting Control Equipment:

Main Consoles: ETC Ion

ETC Unison Architectural Control system

3 ETC Sensor 96 Dimmer Racks

*See Appendix C- Lighting Inventory, for more information*

### AVAILABLE CIRCUITS

<u>LOCATION</u>	<u>TYPE</u>	<u>AVAILABLE CIRCUITS</u>
Catwalk 1	20A	24
Catwalk 2	20A	24
Catwalk 3	20A	12
Over Balcony HL	20A	24
Over Balcony HR	20A	24
Balcony Rail	20A	24
Grid	20A	108
Stage	20A	40
House (Rear Balcony)	20A	2
<b>Total</b>		<b>282</b>

*Note Courtyard Theater only has 255 available dimmer packs; Plano Stages Staff may need to move dimmer packs to desired circuits.*



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### **POWER DISTRIBUTION COMPANY SWITCHES**

<b>Type</b>	<b>Location</b>	<b>Size</b>
240v Three Phase w/ Isolated Ground	Mid Stage Left	100A
240v Three Phase	Up Stage Right	100A
240v Three Phase	SL Catwalk	30A
600v Three Phase	Back Hall	200A

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## Technical Specifications

### **AUDIO/COMMUNICATION SYSTEM**

#### **AUDIO**

##### Console

Allen and Heath i-Live T-112 Digital Console

##### Main Loudspeakers

3 x EAW VFR159i Main C

4 x EAW VFR129i Main L/R

3 x EAW JF80z Balcony Delays

6 x EAW UB12Si Under Balcony Fills

3 x SLS 2403 Front Fill Speakers

2 X EAW SB180R Subwoofers

##### Auxiliary Loudspeakers

4 x EAW SM200iH Monitor Wedges

2 x EAW JF290 Stage Fold back

##### Outboard Equipment

1 x DENON DN-D4500MK Dual disk Professional CD Player

##### Hearing Assist

Williams Sound PPA T35 Personal PA FM Transmitter

##### Wireless Mics

5 x Shure UR-2 Wireless SM58

6 x Shure UR-1 Wireless belt packs

Full inventory of equipment including mics, cables, and other assorted equipment available upon request.

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## Technical Specifications

### **Communication**

Clear-Com MS-702 2ch Main Station

6 x 1ch Clear-Com belt packs

6 x Clear-Com Single muff Headsets

4 x Clear-com BP210 wireless com belt packs w/ single muff headsets

### **Tie Line:**

- Patchable analog XLR dry lines throughout theater

### **Video Patching:**

- Dry Coax Tie-Line video patching from booth to
  - Catwalk 1
  - Catwalk 2
  - Lobby
  - Donors Lounge

### **Projection:**

- 1 x Christie L2k 1500 with a .8 – 1 ratio lens permanently mounted under Catwalk 1 and focused on the cyc. Native resolution is 2K 2048 x 1080
- 1 x Christie LW720 mountable close to the upstage wall. The LW720 is focused to rear project on our automated screen. Screen dimensions are 10'h x 16'w. Native resolution is WXGA 1366 x 800

Inputs are located in the booth and on stage left. Must be routed via Crestron by Plano Stages staff. Available inputs are HDMI, VGA, USB, and 1/8"

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## Technical Specifications

### **BACK OF HOUSE FACILITIES**

Located in back hall behind the stage

(2) Dressing Rooms with makeup area and full bathroom with shower facilities. Suitable for 4-6 people per room with immediate access to Up Stage Right

(1) Greenroom with multiple seating areas with standard refrigerator, sink and microwave

Located on Level 2

(3) Chorus Dressing Rooms with makeup area and full bathroom with shower facilities. Suitable for 8-10 people per room

(1) Costume Maintenance Area with Washer and Dryer

### **Front of House Information**

(1) Box office facility, available for client use upon request

(1) Concession bar

Lobby furniture may not be moved without permission from Plano Stages' Management. All movement of furniture must be completed by Plano Stages' Staff.

*See Appendix D- Seating Chart, for more information*

### **OTHER AUXILLARY EQUIPMENT**

1 x Steinway Model B Piano

1 x Yamaha YPG-625 Portable Grand Piano

8 x Music Stands

8 x 6' Plastic Folding Tables (No linens available)

20 x Black Plastic Chairs

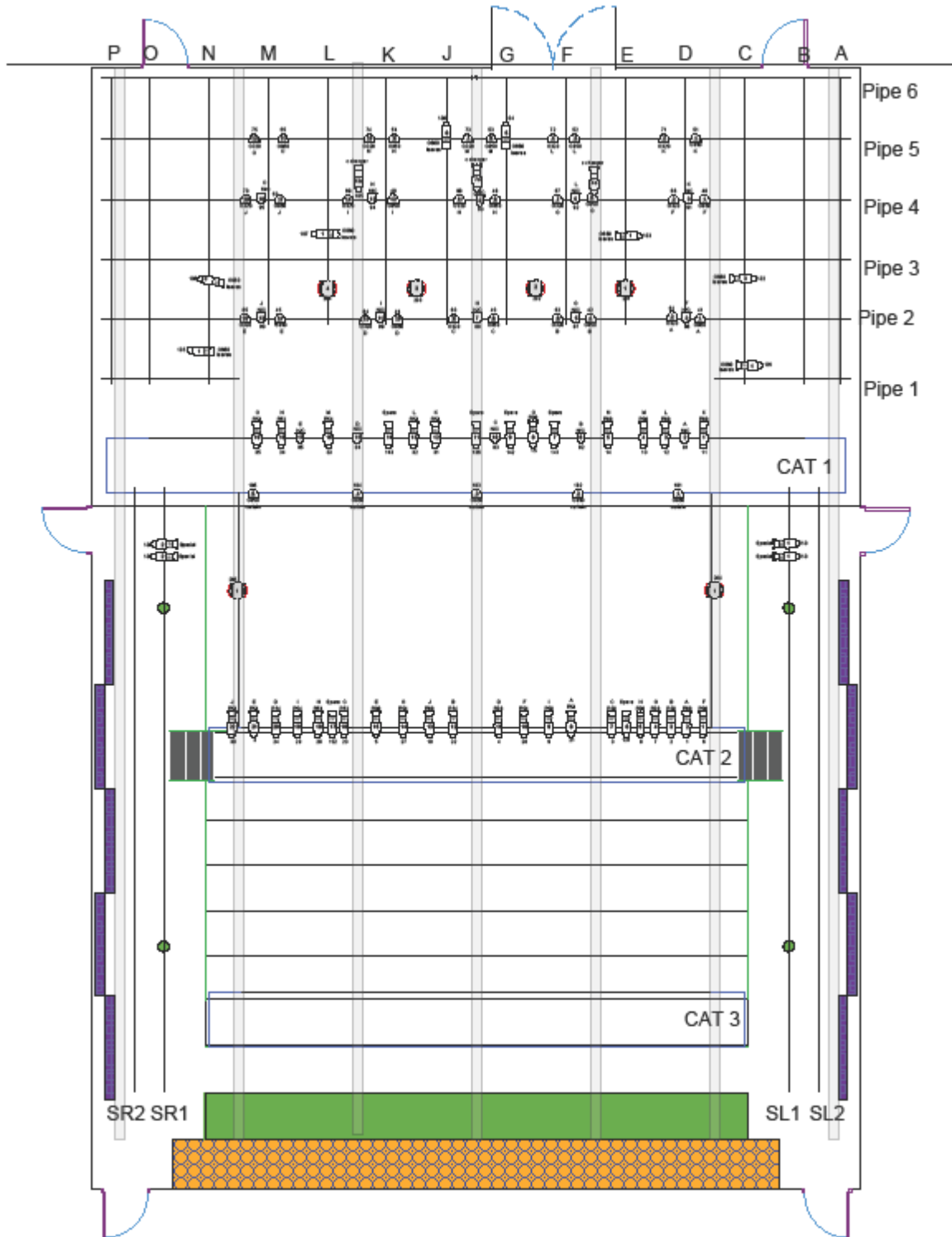
4 x Rolls of Marley 6' 7" W x 30' L (Black or Grey)

1 x JLG 15MSP man lift

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## Technical Specifications

### Appendix B- Rep Light Plot (Not to scale)



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### APPENDIX C- LIGHTING INVENTORY (subject to availability)

Lighting Fixtures	Quantity (in Rep Plot)	Quantity (In Storage)	Gel Cut Size
Source Four Elips 19deg 575w	2	10	6.25" x 6.25"
Source Four Elips 26deg 575w	10	15	6.25" x 6.25"
Source Four Elips 36deg 575w	29	6	6.25" x 6.25"
Source Four Elips 50deg 575w	6	5	6.25" x 6.25"
Source Four Elips 90deg 750w (Designated to Cyc)	4	0	7.5" x 7.5"
Colortran 6" Fresnel 500w	0	8	7.5" x 7.5"
Source Four PAR 575w (Not Including House Lights)	50	0	7.5" x 7.5"
MBT LED PAR64	4	10	N/A
8', 4-circ MR16 Strip Lights w/ Hardware 75w	4	0	N/A
Lycian Midget 2 Follow Spot 750w	0	2	N/A

Lighting Accessories Specs			
12" Sidearms	0	14	
24" Sidearms	2	11	
Source Four Tophats	0	50	
Source Four PAR Tophats	0	20	
Gam Twin Spin II	3	4	
Various Booms	0	4	

Lighting Incidentals Specs			
Chroma-Q Color Scroller	0	6	
Chroma-Q Color Scroller Power Supply	0	1	
Vari*Lite VL1000 TS ERS	2	0	
Vari*Lite VL2500 Spot	4	0	
Ocean Optics Sea changer Extreme Green	4	0	
Le Maître Radiance Hazer	1	0	

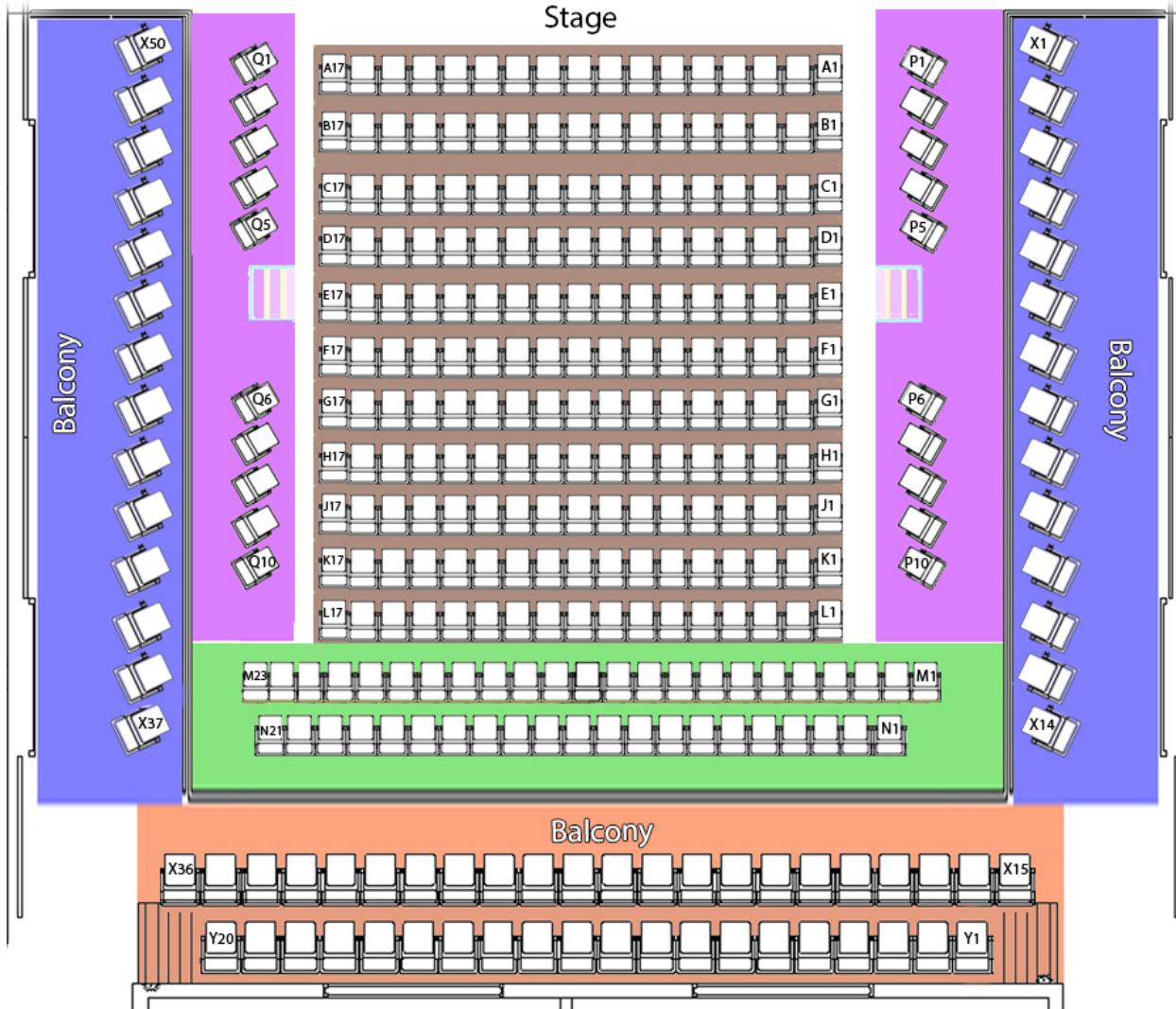
6 x Programmable 2-Port Pathport DMX nodes available upon request. A written layout of what universes nodes should be programed should be given to Production Coordinator 48hrs in advance of use

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### APPENDIX D- SEATING CHART

Seating for 321



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### REVISIONS

**Version (4/5/2016)**

- Updated contact information.
- Updated lighting inventory.

**Version (2/5/2016)**

- Update to new lighting plot. Corrected inventory adjustments. Added McCall Plaza to “Plano Stages Venues”

**Version (5/11/2015)**

- Updated seating chart to match increased capacity. Removed area-specific seating section page.

**Version (11/13/2014)**

- Major updates to reflect new audio and video renovations

**Version (8/19/2013)**

- Edited grammatical errors
- Minor Corrections

**Version (5/21/2013)**

- Edited grammatical errors
- Added Appendices

**Version (7/26/2012)**

- Updated incomplete data

**Version (5/15/2012)**

- First Draft