This document contains technical specifications and stage use policies. Please see the comprehensive Handbook of Policies and Procedures for further information.
Table of Contents

Table of Contents 2
General Information 3
Stage Policies & Procedures 4 - 5
Technical Information Packet 6 - 12
General Information

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Downriver Campus
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Time Zone – Eastern

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Stage Policies and Procedures

1. No tape or thumbtacks or other adhesives are to be used on the walls or other surfaces anywhere within the EPAC. Gaff, spike and glow tape may be used on the stage floor. Blue “painters tape” may be used in most areas.

2. Nothing is to be pinned or affixed to the draperies in any way in the EPAC.

3. The Theatre Operations Dean will supervise all technical operations for the EPAC. The Theatre Operations Dean should be notified of any activity scheduled in the EPAC.

4. All technical staff is under the supervision of the Theatre Operations Dean for any use of the EPAC.

5. No unauthorized or unaccompanied persons are allowed onstage, backstage, fly gallery, dimmer room, coves, catwalks, or booths.

6. No props, costumes or makeup or other item will be taken or used without permission.

7. No EPAC equipment will be taken out of the building without written permission of the Theatre Operations Dean. Such equipment includes music stands, tables, chairs, stand lights, platforms, and risers as well as any stage equipment.

8. Any group using the EPAC is responsible for returning the area to “house condition” (i.e. the condition it was in originally) following its use, unless previous arrangements have been made. This includes the greenroom, the dressing rooms, classrooms, restrooms, the stage itself, lighting plot and the loading areas.

9. No one will be allowed to operate or use stage equipment without the knowledge and permission of the Theatre Operations Dean. A technical staff is available to assist with the requirements of performances.

10. All technicians and volunteers are responsible for learning the emergency procedures and being able to implement them should the need arise. All users will follow safety instructions given by the District staff.

11. There will be no food, drinks or smoking allowed in the booths, on stage or in the loading areas at any time.

12. No scenic construction may take place inside the Theatre or onstage or in the Studio. Scenery must be constructed elsewhere before assembly in the performing space. This is to prevent the contamination of draperies and lighting or sound equipment due to dust and floating debris produced during construction. The use of power saws, handsaws, drills, sanders or any other tool which would produce sawdust, is not permitted in the EPAC.

13. Spray painting is not permitted inside the EPAC. Touch-up painting with water-based paint is permitted, with brushes and rollers only: no air guns or other painting techniques which produce overspray or splattering of paint are to be used anywhere in the EPAC.

14. Props or set pieces or set decorations which may present a substantial fire hazard are not permitted in the EPAC. All scenic elements must be properly and thoroughly
flame-proofed beforehand. This includes dried plants, papers or fabrics in large concentrations and/or “piles.” Flats must be properly flame-proofed according to standard fire codes. The use of loose sand, dirt, grass, rocks, wood chips or other such material, even for a set design is prohibited in the EPAC. BEFORE YOU LOAD IN YOU MUST PROVIDE A VALID CERTIFICATE OF FLAMEPROOFING FOR ANY AND ALL SCENERY, DROPS, BANNERS AND DRAPERIES. NO UNFLAMEPROOFED MATERIALS WILL BE ALLOWED INSIDE THE EPAC.

15. No one under the age of 18 may operate any hazardous tools (circular, skill or jigsaws, power sanders, routers, etc.) on the premises. This includes personal power tools.

16. Proper clothing and appropriate Personal Protective Equipment (protective eyewear, earplugs, kneepads, gloves, etc.) are to be worn at any time assembly of scenery or use of tools is taking place. Long pants, enclosed shoes (no open toes) and shirts qualify as proper clothing. Jewelry should be kept to a minimum. Jewelry and hair should be worn in a manner that would avoid potential safety hazards. Fall protection harness shall be worn as required.

17. Because of the potential fire hazard, and in keeping with fire laws and risk of damage nothing but the existing rigging may be hung on the Theatre grid.

18. All maximum occupancy designations for EPAC rooms will be strictly enforced.

19. Storage space is extremely limited and only available during your contracted time in the space. Please discuss your storage needs well in advance of your arrival. Please note that extra costs may be incurred for the storage of any materials related to your event outside of your contracted time.

20. For aesthetic reasons, as well as fire codes, users of the EPAC may not leave debris, set pieces or other equipment outside the building and doors. The District is not able to dispose of large set pieces, props, furniture, costumes or other items related to your event. Anything brought with you must be taken with you when loading out.

21. If at any time during the mounting of a production the Theatre Operations Dean determines that safety is being jeopardized or safety rules are not being followed, operations may be suspended until such time as the violations are rectified.

22. Indoor Pyrotechnics, Smoke, Haze, Fog and other special effects shall only be allowed with prior permission from the EPAC. Fire effects of any kind, including the smoking of a cigarette onstage must have special permission granted by EPAC, WCCCD and the Fire Department of the City of Taylor.

23. Helium balloons are not permitted in the theatre. The use of glitter, confetti, sparkle spray, glitter hair and body sprays, hay or straw, fake snow and any other confetti or glitter-like substance is prohibited in the EPAC.

24. No doors may be propped open.
Technical Information Packet

**Loading Dock**
There is an electronic Dock Leveler adjustable from 2’ – 4’. Loading Dock is level with the stage floor. There is space for one truck/trailer at the loading dock. Arrangements must be made for parking trucks/trailers on site for the duration. Trucks may not be left running in the loading dock area.
There is no forklift available.
Passage from loading dock to stage is through the following (3) three doors:
- Loading Dock Rolling Door to workshop dimensions are 12’ w. x 10’ h.
- Workshop to Corridor Door dimensions: 10’ w. x 15’ 4” h.
- Corridor to Stage Door dimensions are: 9’ 8” w. x 15’ h.
So…maximum height from truck to stage is 10’, maximum width is 9’ 8”.

**House**
Main Floor: 570 fixed seats/8 Barrier Free locations, total 578
Balcony: 230 fixed seats/4 Barrier Free locations, 234 total
Total Seating: 800 fixed seats/12 Barrier Free locations

**Production Office**
Available by arrangement.

**Stage**
The EPAC has a proscenium stage. Elevation is equal to first floor and dock height.

Stage Floor construction: Center playing area, approx. 55’ w. x 35’d. is painted masonite over plywood, felt and 2x6 lumber spaced 16” o/c over reinforced concrete. Wing space is painted reinforced concrete. All painted black.
There is no trap room and the floor is not trapped.
Nails, screws, lag bolts, etc. may not be used in the floor without special permission from Theatre Operations Dean.

Orchestra Pit has a manually installed deck with (3) playing heights:
- Pit level is stage minus 9’ 2”.
- Seating level is stage minus 3’ 4” (level with seating area)
- Stage level is…level with stage.
Proscenium width: 40’ 0”
Proscenium Height: 24’ 0”
Proscenium thickness: 1’ 8”
Stage Width: SL locking rail to SR wall: 78’ ½”
Wing Space SR: proscenium to wall: 20’ 4”
Wing Space SL: proscenium to locking rail: 17’ 8 ½”
There is a spiral stair to the loading gallery in the UL corner.
Stage Width: SR (CL to wall): 40’ 4”
Stage Width: SL (CL to locking rail) 37’ 8 ½”
Stage Depth: DS edge of proscenium to back wall (US) 40’ 4”
DS edge of orchestra pit to back wall @ centerline: approx. 53’
DS edge of orchestra pit to DS edge of proscenium @ centerline: 13’
US edge of Proscenium to back wall: 38’ 8”
House curtain to back wall: 39’
House curtain to apron at CL: 3’
Crossover: via 5’ wide corridor behind US wall – SR to USL
**Rigging**

Counterweight system is single purchase 1:1 ratio
Top of grid is 61’ 0” above stage floor
Loading Gallery is SL at elevation 50’ 10”, access via spiral stair, UL
Bottom of grid is **approx. 60’** above stage floor
Locking rail is SL
Batten length is: **62’**
Batten travel is: **50’**
Batten low trim is **5’**
Batten high trim is **55’**
Electric Batten travel is: **48’**
Electric Batten low trim is **5’**
Electric Batten high trim is **53’**
Batten is 1 ½” I.D. Schedule 80 Pipe
Batten has **7** lift lines
Pipe weight is: **approx. 225lbs.**
Arbor capacities of: general batten: **1795 lbs** lbs.
Electric batten: **2309 lbs**.

**Orchestra Shell Ceiling:** None

**Fire Curtain:** @ plasterline.

Main Act curtain: lineset #1 @ 1’3” from Plaster (see hanging plot)
Operation is Guillotine with Center split or Traveler
Fullness = 50% box pleated. KM Fabric, Inc. Navy #1118

Teaser: lineset #2 @ 1’11” (see hanging plot)
Tormentor: Lineset #3 @ 2’ 7”
Part of fire protection? No
Teaser and Tormentor are not “working” battens. Cannot be cleared.

No scenery, lights. Etc. may be attached to batten of valance or tormentor panels.

No scenery or equipment may be placed across curtain line which might prevent fire curtain from reaching stage floor.

**House Goods**

<table>
<thead>
<tr>
<th>Item</th>
<th>color</th>
<th>material</th>
<th>fullness</th>
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<tbody>
<tr>
<td>Main Rag</td>
<td>TBD</td>
<td>velour</td>
<td>50%</td>
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<tr>
<td>Teaser</td>
<td>black</td>
<td>velour</td>
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<tr>
<td>Tormentor</td>
<td>black</td>
<td>velour</td>
<td>0%</td>
</tr>
<tr>
<td>Legs</td>
<td>black</td>
<td>velour</td>
<td>0%</td>
</tr>
<tr>
<td>Borders</td>
<td>black</td>
<td>velour</td>
<td>0%</td>
</tr>
<tr>
<td>Travelers</td>
<td>black</td>
<td>velour</td>
<td>50%</td>
</tr>
<tr>
<td>Cyclorama</td>
<td>white</td>
<td>muslin</td>
<td>0%</td>
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<tr>
<td>Scrim</td>
<td>black</td>
<td>sharkstooth</td>
<td>0%</td>
</tr>
<tr>
<td>Rear Projection Screen</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*seven sets (incl. tormentor)*
*five sets (incl. teaser)*
*mid and rear*
**Dressing Rooms**

All Dressing Rooms are on stage level:

1. Green Room 10’ x 20’ with 4 mirror stations.
   - (1) private dressing room with private toilet, lav & shower. Note: access is through Green Room – if used as Green Room, unavailable as dressing room.
   - (2) Men’s dressing rooms, (4) mirror stations ea. (total 8) which share toilet/shower facilities.
   - (2) Women’s dressing rooms, (4) mirror stations ea. (total 8) which share toilet/shower facilities

**Laundry Room**

Washer and Dryer located in loading bay area.

**Rehearsal Studio**

The Studio is suitable as a rehearsal room. It is directly behind the stage on the first level and is available by arrangement.

Size: 63’w. x 31’ 7” d. and is enclosed by folding partition walls from the lobby extension.

**Electrical**

**Company Switch**

400A 3P company switch with Posi-Lock connecters @ USR – Presenter must provide their own connectors, feeder and distro.

There is no isolated company switch scheduled for audio

**Dimmers**

(4) ETC SR48+ dimmer racks (up to 384 circuits)

**Lighting Control**

ETC ION Console may be located in Lighting Control Booth, Mid House or Onstage SM.

<table>
<thead>
<tr>
<th>FOH</th>
<th>Hang Height from Stage</th>
<th>Aprox. Throw to stage</th>
<th># Circuits</th>
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<tbody>
<tr>
<td>Catwalk #1</td>
<td>35’</td>
<td>43’</td>
<td>36</td>
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<tr>
<td>Catwalk #2</td>
<td>35’</td>
<td>51’</td>
<td>44</td>
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<tr>
<td>Catwalk #3</td>
<td>35’</td>
<td>69’</td>
<td>24</td>
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<tr>
<td>SL Box Boom</td>
<td>9’</td>
<td></td>
<td>8</td>
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<tr>
<td>SR Box Boom</td>
<td>9’</td>
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<td>8</td>
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<tr>
<td>Balcony Rail</td>
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<table>
<thead>
<tr>
<th>Stage</th>
<th>US from Plaster</th>
<th># Circuits</th>
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<tbody>
<tr>
<td>ELX 1</td>
<td>3’ 3”</td>
<td>24</td>
</tr>
<tr>
<td>ELX 2</td>
<td>5’ 3”</td>
<td>24</td>
</tr>
<tr>
<td>ELX 3</td>
<td>8’ 7”</td>
<td>24</td>
</tr>
<tr>
<td>ELX 4</td>
<td>10’ 7”</td>
<td>24</td>
</tr>
<tr>
<td>ELX 5</td>
<td>17’ 11”</td>
<td>24</td>
</tr>
<tr>
<td>ELX 6</td>
<td>23’ 3”</td>
<td>18</td>
</tr>
<tr>
<td>ELX 7</td>
<td>29’ 11”</td>
<td>12</td>
</tr>
</tbody>
</table>
Electrical Cont’d

Lighting Inventory all with 20A three-pin stage connectors
(8) Source 4  5° w/ HPL750/115 lamp
(20) Source 4  10° w/ HPL750/115 lamp
(36) Source 4  14° w/ HPL750/115 lamp
(16) Source 4  15° - 30° Zoom with w/ HPL750/115 lamp
(38) Source 4  19° w/ HPL750/115 lamp
(48) Source 4  26° w/ HPL750/115 lamp
(30) Source 4  36° w/ HPL750/115 lamp
(24) Source 4  50° w/ HPL750/115 lamp
(36) Source 4 PARnel w/ HPL750/115 lamp
(8) Altman 7’ 6” 3-circuit R40 Borderlight with 300 watt R40 Flood lamp

(4) City Theatricals Source 4 Iris #2180
(2) City Theatricals Follow Spot Handle #1360
(16) 5” top hats for Source 4 15° - 30° Zoom fixtures
(48) 5” top hats for Source 4 19° - 50° fixtures
(36) 4-way Barndoors for ETC Source 4 PARnels
(24) Standard Pattern Holders for Source 4’s
(12) Glass Pattern Holders for Source 4’s
(120) 5 5/8” 50° Roundels for Altman 7” 6” 3 circuit R40 Border Lights

(24) Two-fers 36”
(20) 12/3 SO Extension Cable 5’
(20) 12/3 SO Extension Cable 10’
(20) 12/3 SO Extension Cable 25’
(20) 12/3 SO Extension Cable 50’

(42) 12” sidearm w/tee
(8) 50lb. Boom Base w/ 10’ schedule #40 1.5” I.D. pipe
(4) City Theatrical 10-inch Floor Boom Base
(8) City Theatrical Boom tie off

Follow Spots: (2) Canto 1200

Projection
  (1) Epson PowerLite Pro G5950NL – Middle Throw Lens #1 or 2, located atop the balcony audio booth. Integrated CPU and patched to Yamaha board.

Lighting Control Booth
Dimensions and location: on main floor, access from back row through 3’ door and three stairs.
Distance from control booth to proscenium front: 67’ @ elevation of 4’ 8”
Audio

The EPAC Theatre Operations Dean has the ultimate authority and final say in all matters relating to sound limits for all events.

Our house audio system is appropriate for many types of events. It may, however, be necessary for you to augment our system or rent an independent system. Please review the following information carefully and have a detailed discussion with our technical director regarding your needs.

Audio control Booth
Located in Balcony.
Distance to Proscenium front: 54’ 9” @ elevation of 17’ 2”
Optional FOH mix position on center section Main Floor rows Q/R

House Sound
Mixer: Yamaha IM8-32

Main cluster: (2) NAV 4800 Graphic Equalizer
(3) QSC CX 702 power amps
(5) JBL AM 6212 (three @ proscenium L/R/C and one ea. Effects L/R)
(2) SBA 760 Powered Subwoofers.

Stage Monitor: (1) QSC CX302 Power Amp
(2) EV Sx 100+

Pit Monitor: (1) QSC CX302 Power Amp
(2) EV Sx 100
(2) 25’ NL4 cable
(2) 50’ NL 4 cable
(1) 75’ NL 4 cable

Microphones: (3) Shure SM87A vocal mics
(3) Crown PCC-160 floor mics.
(1) Shure SM58
(1) Shure SM57

Wireless: (2) Handheld AKG WMS400HTD 880
(2) lavalier-type lapel mics AKG WMS400PT 407B

Playback: Denon DN-T625 dual cassette/cd
We can patch in your MP3 or load your audio files on our PC

Assistive Listening: Soundmate ST-300, (4) receivers
mic cables, Canon XLR connectors
(1) 150’ 32/8 audio snake
(6) Atlas MS-11C Mic Stands
(6) 16” tripod boom stands
(6) 36” tripod boom stands
(10) Audiocomm Headsets – wall plates throughout. 2-channel
**Backline and Pianos**
The EPAC does not own any standard backline equipment or pianos. A variety of vendors are available.

(4) Direct DI boxes

**Properties/Equipment (available by prior arrangement)**
(5) 4’ x 8’ Stage Right PolyTrac/gray carpet Decks, 18” – 24” Z-HD legs, skirting
(10) Chrome Stanchions w/ (9) 6’ blue velour ropes
(1) ea. A-Frame stepladders: 6’, 8’ & 12’
(7) Powerfirst 50’ extension cords
(1) Genie Lift Model AWP-30S
(6) Z-leg Garment Racks
(1) Set Standard US & State of Michigan flags/stands
(12) Motorola Wireless 2-way Radios
(6) Rubbermaid 55gal. rolling trash bins
(5) 55’ rolls Adagio black Marley
<table>
<thead>
<tr>
<th>Lineset #</th>
<th>Distance from plaster</th>
<th>House Goods</th>
<th>Info &amp; Notes</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>0&quot;</td>
<td>Fire Curtain</td>
<td>dashpot SL</td>
</tr>
<tr>
<td>2</td>
<td>1' 3&quot;</td>
<td>Main Act Curtain</td>
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<tr>
<td>3</td>
<td>1' 11&quot;</td>
<td>Teaser</td>
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<td>4</td>
<td>2' 7&quot;</td>
<td>Tormentor Panel</td>
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<td>5</td>
<td>3' 3&quot;</td>
<td>Electric 1</td>
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<td>6</td>
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<td>8</td>
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<td>21' 11&quot;</td>
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<tr>
<td>35</td>
<td>31' 3&quot;</td>
<td>Rear Traveler</td>
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<tr>
<td></td>
<td>32' 7&quot;</td>
<td>Cyc (sky drop)</td>
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