

ZOELLNER

ARTS CENTER • LEHIGH UNIVERSITY

420 East Packer Avenue, Bethlehem, PA 18015-3179

Diamond Theater Technical Information Package



Facility Description: Zoellner Arts Center, a division of Lehigh University’s College of Arts and Sciences, is a 23-year-old arts center housing four resident departments: Lehigh University Art Galleries, the Departments of Music and Theatre, and Administration. All building resources are shared among these four departments. There are three performance spaces: Baker Hall, a 940 seat multi-purpose stage; Diamond Theatre, a 3/4 thrust stage seating 307; and the Fowler Black Box Theatre, a small multi-configuration space.

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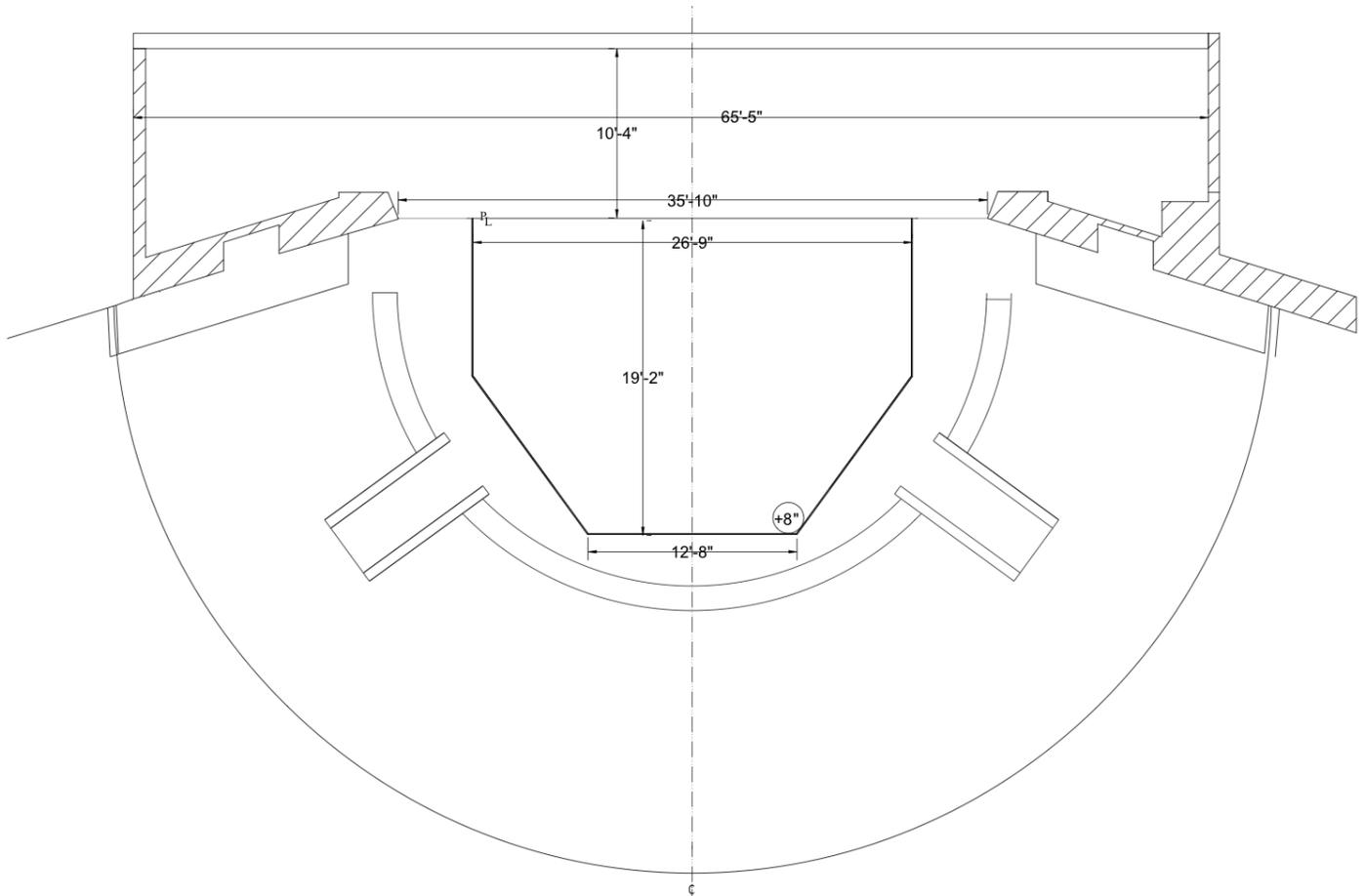
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1. Contacts Info:

Position	Name	Email	Office Phone
Interim Administrative Director	Phillip Clauser	pjc3@lehigh.edu	610-758-5323
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Lighting Coordinator	Justin Burns	jeb719@lehigh.edu	610-758-5666
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Audio Coordinator	Phil Ingle	phi214@lehigh.edu	610-758-5871
Stage Coordinator	Becky Eshelman	ree2@lehigh.edu	610-758-5387
Costume Shop Coordinator	Pamela Richey	pdr3@lehigh.edu	610-758-3628
Rentals & Scheduling Manager	Jennifer Mack	jem3@lehigh.edu	610-758-5654
Director of Audience Services	Sandy Anderson	saba@lehigh.edu	610-758-6641
Programming Assistant	Tahya Keenan	pak512@lehigh.edu	610-758-5643
Green Room			610-758-2252
Main Fax #			610-758-6537

2. Seating: Seating is stadium style with entry from the rear. Handicapped seating is located adjacent to the entrances. **Capacity is 307.**

3. Stage: The stage is a ¾" thrust configuration with the proscenium opening at 19' from the stage edge.



4. **Stage Floor:** Black, tempered Masonite with plywood sub floor on neoprene sleepers with traps located.
- a) Traps are modular and can be pulled in different configurations.
 - b) Overall opening is 8'x16".
 - c) Upstage edge is in line with the proscenium.

5. **Fly System:** Single purchase operated from stage right mid rail.

- a) 7 battens, 47' long.
- b) Low trim is 4', high trim is 30'.
- c) Rated for 1000 lbs.
- d) Line set 3 is a dedicated electric.

6. **Stretch Wire Grid:**

- a) Accessible via tech booth on the 3rd floor or via ladder backstage right.
- b) Rigging to the grid is not allowed.

7. **Soft Goods:**

- a) 2 black velour side tabs to mask wings; 24'x10', 0% fullness.
- b) 3 black velour borders; 45'x10', 0% fullness.
- c) 3 sets of black velour legs; 32'x10', 0% fullness.
- d) 1 Black velour traveler/black out, Drape; 2 panels – 25'x32', 0% fullness.
- e) 2 White Muslin Cyc, Seamless Drop, 32'x45'.
- f) 1 black seamless scrim, 32'x45'.

8. **Lighting Control:**

- a) ETC GIO, located in HL Tech Booth (has limited sight of stage).
 - a) ETC iRFR remote available via iPad.
 - b) Designer/Tech table with remote video setup is also available.
- b) House/work light control by ETC Paradigm system (control located both in HL Booth and via iPad or GIO).
 - a) House Lights are Light Source RGBW (3000k) HL Pendants. They are individually controllable.
- c) The Diamond Lighting system is dimmer per circuit and has relay and other modules available.
 - a) 192 ETC Sensor 3 dimmers. This includes non-dim and house/work lights.
- d) One 400A, 3 Phase 5 Wire LEX Company switch is located USL. Standard Camlock or bare wire tie in is available.

9. **Lighting Positions:**

The Diamond Theater has multiple lighting positions:

- a. Tension grid pipes
- b. Over-stage battens
- c. Balcony rail (limited weight)
- d. Over-vom entrances
- e. SL/SR gallery pipes

11. Lighting Inventory:

The Diamond Theater and Zoellner Arts Center rely on a shared inventory, and as such, all items are subject to availability. Please contact the lighting coordinator for the most current inventory. A rep plot is also available.

Manuf.	Unit Type/Model #	Diamond Theater	Shared
Ellipsoidal			
ETC	Source 4 Bodies	102	
ETC	Source 4 14°	2	
ETC	Source 4 19°	28	
ETC	Source 4 26°	45	
ETC	Source 4 36°	23	
ETC	Source 4 50°	5	
ETC	Source 4 90°	4	
ETC	Source 4 Zoom 15-30°	10	
ETC	Source 4 Zoom 25-50°	21	
Wash			
ETC	Source 4 PAR	35	
Altman	8" Fresnel - 75Q	23	
Cyc			
ETC	MultiPAR	5	
L&E	L & E Ministrips	0	6
Strand	Iris 3 Model 5913	0	6
Strand	Orion 1 Model 4005	0	18
Automated			
Martin	MAC 2000 Profile	0	4
Martin	MAC 2000 WASH	0	2
ETC	ETC Color Source Spots	16	
Chauvet	Chauvet COLOrado 1-Quad Zoom	0	12
Chauvet	LED Shadow Black Light	0	4
Chauvet	Colorail IRC	0	9
Chauvet	Chauvet Rouge 1 Wash	0	12

12. Audio:

- a) Mixing Console: Yamaha QL5 with Rack Mounted 32x16 Rio.
 - a. 16X8 Tio available for expanded deck needs.
- b) Playback: Qlab 4 on an iMac and mp3/phone connection.
- c) Speakers:
 - a. Mains: 4 EAW MK2 in a left left, right right configuration.
 - b. Subs: 2 EAW SB 500 flown subwoofers.
 - c. Surround fills: 6 Renkus-Heinz CFX 61.
 - d. Proscenium fills: 2 EAW JF 100s.
 - e. Stage monitors: 2 EAW wedges.
 - f. Amplifiers: 8 Crown CTs 1200.
 - g. Self Powered
 - i. 4 QSC K-10s.
 - ii. 2 QSC KS118 Subs.
 - iii. 4 Galaxy Audio micro-spots MSPA5.
- d) Microphones:
 - a. 2 Shure ULX-D Wireless handhelds or belt packs via Dante.
 - i. 12 channels of ULX-D are available.
 - b. Various Shure, AKG, and DPA mics are available.
- e) Microphone and speaker patch points are located throughout theater.

13. Intercom/paging:

- a) Clear Com 2 channel party line system with remote SM station.
- b) Riedel Bolero wireless intercom system available.
- c) In-house FOH & backstage paging available
- d) Patch points located throughout theater
- e) Single channel and dual channel belt packs available.
- f) Single and double muff headsets available.

14. Video Projection: Diamond Theater and Zoellner Arts Center rely on a shared inventory.

- a) 3 Epson Pro L1505UNL 12,000 lumen laser, Resolution: WUXGA 1920x1200
 - a. Various lens options available
- b) 1 Panasonic PT-EZ570U ,5000 lumen, Resolution: WUXGA 1920x1200
 - a. Various lens options available
- c) 1 Epson PowerLite Pro G7000W, 6500 lumen, Resolution: WXGA 1280x800
 - a. Various lens options available
- d) 2 Optoma TX783, 5000 Lumen, Resolution: XGA 1024x768
 - a. Lens: 1.2x zoom
- e) 1 9'x14' fast fold front/rear projection screen with dress kit
- f) 1 8' tripod screen

15. Dressing Rooms: Located on lower level, one floor below Diamond Theater.

- a) Dressing rooms are a shared resource and might not all be available.
- b) There are 2 individual dressing rooms with private shower/ bathroom.
- c) There are 2 4-person dressing rooms with a shower & shared bathrooms.
- d) There are 2 ensemble dressing rooms. The women's seats 26 and the men's 19.
 - a. Each has showers and shared bathrooms.

Dressing Rooms continued:

- e) Hospitality is usually located inside the greenroom or directly outside.
- f) The laundry room has a single washing machine & an electric dryer.
- g) An iron and a Jiffy steamer are available upon request.
- h) A wig dryer is available upon request.
- i) Rolling wardrobe racks are available.

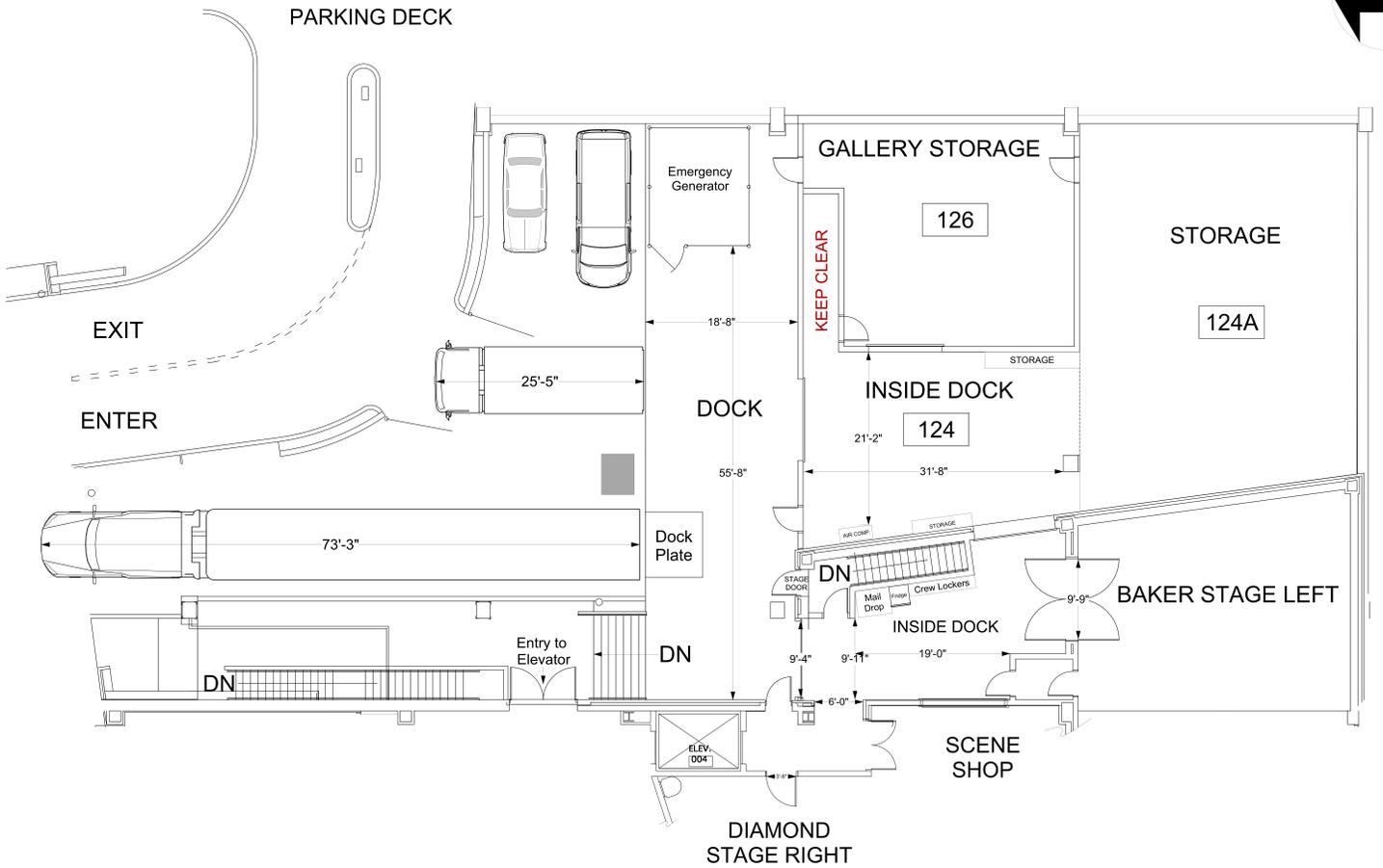
16. Loading Facilities:

- a) The loading dock is located at 420 East Packer Ave. It is immediately to the right of the parking lot entrance. Please see page 8 for drawing.
- b) Loading dock accommodates 1 53' trailer and tractor.
 - a. Driveway opening is 14' high.
 - b. The dock is 3' above driveway & has an integrated, adjustable dock plate.
- c) The loading dock opens onto a hallway leading to stage right.
- d) There is a freight elevator available.
- e) Door opening is 9'-0" x 9'-7" high.
 - a. Hallway and inner doors will accommodate scenery at least that height.
 - b. Large scenery pieces must travel through adjacent scene shop.

17. Internet Access:

- a) There is Wi-Fi available throughout the building. SSID: lehigh-guest. No password needed.
- b) A LAN jack is available in the greenroom. No password needed.
- c) There is a phone located in the greenroom for guest use.
 - a. Long distance calls must be made using calling cards.

Loading Dock Detail



Repertory Light Plot

