

ARIE CROWN THEATER TECHNICAL SPECIFICATIONS (Revised 5.19.22)



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Loading Dock:

Two covered truck berths with a 100' long interior holding and storage area that enters onto stage left.

Dressing Rooms:

Ten – 2 person dressing rooms with lighted dressing tables, hanging rack and bathrooms with showers.

Two – 40 person chorus rooms with lighted dressing tables, hanging rack and attached bathrooms.

One - "STARS" dressing room on stage left with a sitting room and lighted dressing tables, hanging rack closet and bathroom with a shower.

One – Multi Purpose room with washer and dryer.
(Usually used for catering & crew meals)
(All cooking must be done on the inner section of the loading dock)

One - "Green Room" with 10 person conference table and 3 separate Conversation areas (Over-stuffed leather chairs and coffee table)

UNION AFFILIATIONS

The stage crew is represented by the International Association of Theatrical Stage Employees ("IATSE") Local No. 2 Stagehands and Local No. 110 Projectionist Unions.

The standard house union crew consists of the following six (6) working Department Heads:

- Two (2) Carpenters (Head Carpenter, Head Flyman)
- Two (2) Electricians (Master Electrician, LD)
- One (1) Audio Engineer
- One (1) Prop Master (Union TD/Steward)

Any additional technicians necessary depending on the scope of work for a production will be represented by Stagehand IATSE Local 2, Projectionist Local 110, Wardrobe IATSE Local 769 and Hair/Make-up IATSE Local 476 at the Licensee's expense.

The Teamsters Union at the Arie Crown Theater will assist the Licensee in bringing in additional gear and all will be billed accordingly to the Licensee.

STAGE DIMENSIONS

Apron:

Curved face with 16' 5" depth at centerline.

Proscenium:

90'-0" wide x 40'-0" high

Stage Width:

Centerline to SL wall: 91' -0"

Centerline to SR lock rail: 83' -6"

Stage Depth:

Plaster line to rear of loft space: 52' -10"

(58' wide x 20' deep x 30' high alcove behind this space)

Plaster line to lip of stage: 5'-7"

Floor:

The center 81' is a wood dance floor. The entire stage is covered with a painted black linoleum.

Rigging and Soft Goods:

Courtesy audio points with two 1 ton motors are located 30' from center SL & SR.

There are 59 line sets, 108' long battens with an arbor capacity of 3,400 pounds. General spacing is 8" O.C.

The grid iron is 92'-8" above the floor.

The stage is equipped with black velour legs, travelers and borders. The main curtain is an electrically operated blue velour traveler with matching teaser border.

One (1) 30'H x 85'W white poly scrim with 2 horizontal seams

LINE SET

Pipe Distance Description

#1 - 2'-6" Blue Grand Traveler (57' x 2 W by 48' H)

#2 - 3'-6" Blue Valance (108' W by 24' H)

#3 - 4'-3" Empty

#4 - 5'-1" #1 Electrics (Spot Pipe)

#5 - 5'-9" Empty

#6 - 6'-5" Empty

#7 - 7'-1" Empty

#8 - 7'-9" Empty

#9 - 8'-7" Electrics #2 (Border Lights)

#10 - 9'-3" #1 Legs (57' x 2 W by 40' H) full closure traveler

#11 - 9'-11" Border (108' W by 18' H)

#12 - 10'-7" Empty

#13 - 11'-11" #3 Electrics (Spot Pipe)

#14 - 12'-7" Empty

#15 - 13'-3" Empty

#16 - 13'-9" Empty

#17 - 14'-3" Empty

#18 - 14'-11" #4 Electrics (Border Lights)

#19 - 15'-7" Empty

#20 - 16'-3" #2 Legs (57' x 2 W by 40' H) full closure traveler

#21 - 17'-11" Border (108' W by 18' H)

#22 - 18'-7" Empty

#23 - 19'-3" Empty

#24 - 19'-11" Empty

#25 - 20'-7" #5 Electrics (Border Lights)

#26 - 21'-7" Border (108' W by 16' H)

#27 - 22'-3" #3 Legs (37' x 2 W by 40' H) partial closure traveler

#28 - 23'-3" #6 Electrics (Spot Pipes)

#29 - 23'-11" Empty

#30 - 24'-7" Empty

#31 - 25'-3" Empty

#32 - 25'-11" Empty
#33 - 26'-11" #7 Electrics (Border Lights)
#33A - 27'-8" Empty
#34 - 28'-7" #4 Legs (37' x 2 W by 40' H) partial closure traveler
#35 - 29'-6" Border (108' W by 16' H)
#36 - 30'-5" Empty
#37 - 31'-1" Empty
#38 - 31'-9" Empty
#39 - 32'-5" Empty
#40 - 33'-5" #8 Electrics (Border Lights)
#41 - 34'-4" Empty
#42 - 35'-0" #5 Legs (57' x 2 W by 40' H) full closure traveler
#43 - 35'-8" Border (108' W by 16' H)
#44 - 36'-9" Empty
#45 - 37'-9" Empty
#46 - 38'-7" Empty
#47 - 39'-5" Empty
#48 - 40'-3" #9 Electrics (Border Lights)
#49 - 41'-1" Border (108' W by 16' H)
#50 - 41'-11" #6 Legs (57' x 2 W by 40' H) full closure traveler
#51 - 43'-0" #10 Electrics (Border Lights)
#52 - 44'-0" Empty
#53 - 45'-0" #11 Electrics (Border Lights)
#54 - 46'-10" Empty
#55 - 47'-8" #12 Electrics (Border Lights)
#56 - 48'-4" Empty
#57 - 49'-4" Empty
#58 - 50'-0" Empty
#59 - 50'-8" Empty

Counterweight is measured in inches – 1" = 30lbs

- Line set # 33A has a limited capacity of 750lbs
- Line set #27 (traveler 3) and #34 (traveler 4) are not full stage blackouts
- The moving or striking of any house goods or electrics require additional crew and time to restore items upon load-out.

LIGHTING

85' x 12" Proscenium Lighting Truss 30 -2KW fresnel

On-Stage Electrics: 12 fixed electrical battens on-stage that include:

- **Spot Pipes:** 4, 13, 28 pipes
 - 30 -2KW fresnel (per pipe)
- **Border Light Pipes:** 9, 18, 25, 33, 40, 48, 51, 53, 55 pipes with 500 watt par 56 border lights with red, green, amber and blue rhondels.

Source Four Fixtures: E.T.C. Source 4 instruments located at the cloud-bridge, balcony rail, high mast, theater box rails and tormentor positions. They include: 5, 10, 19, and 26 degree fixtures.

3 Xenon Gladiator spotlights 2.5k

E.T.C. Sensor3 dimmers

E.T.C. "Expression 2X" light board backstage right

E.T.C. "Concept 2X" light board in main light booth

2 "Genie" man lift (38'H)

ELECTRICAL

Company Switches:

Four (4) 400 AMP, 120/208 v. 3 phase upstage right

Two (2) 100 AMP, 120/208 v. 3 phase upstage right

Three (3) 60 AMP, 120/208 v. 3 phase upstage right

Two (2) 100 AMP, 120/208 v. 3 phase

- One (1) D.S.R.

- One (1) D.S.L. on an isolated ground for sound

VIP Projection Booth

Four (4) L21-30 services evenly spaced in the floor

Four (4) L21-30 services evenly spaced on the wall

Two (2) 60 AMP 3 phase disconnect (1 currently has Two (2) L21-30 amp sub breakers)

1 - 100 AMP 3 phase disconnect with cam loc tails

Audio Equipment:

A varied assortment of microphones, playback and record machines, 4 channel Clearcom Communication, dressing room program and announce system, tie lines and snakes, Infrared hearing-impaired system.

Misc. Staging and Furniture:

An assortment of 4' x 8' parallel platforms in 1, 2 and 3 foot heights
(with or without wheels)

Curved choral risers

Music stands w/ Lights

Lecterns

Piano: Yamaha Upright – Model U1 w/ Artist Bench

Red Leather armchairs,

Blue Padded fixed chairs

Folding chairs

6' and 8' tables with skirts