

KeyBank State Theatre

Revision Date: 11/11/24



Seating Capacity: -----3158 (3086 w/orchestra pit)
 Stage Door Access: -----1650 Chester Ave (corner of Chester & E. 17th St.)
 24 hr. Receiving Address: -----1650 Chester Ave. (State Theatre Stagehouse)
 Cleveland, OH 44114

STAGE DOOR

Proscenium opening: -----51'-5" w 26'-9" h
 Grid height: -----59'-4" short grid 81'-0" main
 Lip to Plaster Line: -----5'-0" (apron)
 Lip to 0'-0": -----8'-0"
 Lip to back wall: -----69'-0", 105'-0" back of bussel
 Curtain line to back wall: -----62'-0", 98'-6" back of bussel
 Curtain line to lip: -----8'-0"
 Plaster line to last line set: -----57'-3"
 Last set to back wall: -----6'-0"

 Number of battens: -----82
 Length of batten: -----60'-1"
 Extensions: -----4'-0"
 Number of spot sheaves: -----75
 avail. lengths of manila: -----30
 Distance between battens: -----8"
 Travel of batten: -----79'-0"
 Weight capacity: -----2280# line sets 1 & 2 (short grid)
 -----1500# line sets 3—82
 Locking rail to SR wall: -----115'-8"
 Fly floor on stage (SL) and @ 35'-0" (pin rail)

SL WING: -- 29'-6" CL to SL: ---49'-9" CL to floor rail: -55'-0"
 SR WING: - 34'-9" CL to SR: ---52'-9" CL to wall: -----60'-0"
 Stage floor to bottom of lowest catwalk: -----35'-0"
 Centerline to catwalk: -----SL: 50'-0" ----- SR: 53'-0"
 Stage floor to aud. Floor: -----3'-4"
 Stage floor to orch. Pit floor: -- 10'-0" @ playing ht.
 Aud. Floor to orch. Pit floor: --- 6'-8"
 Stage floor to balcony rail: --- 11'-0" (vertical plane)
 Stage floor to FOH: -----45'-0" perches (vertical plane)
 Centerline @ 0'-0" to; balcony rail: -----59'-3"
 box booms: -----41'-2" & 53'-9" HL & HR
 bridges: -----74'-6" SL73'-10 SR
 booth: -----145'-0"
 back of last row of seats:
 -----125'-0" orchestra
 -----143'-0" balcony

 Orchestra pit: 49'-0" w x 27'-0" d
 top opening 14'-0" @ widest depth
 Avg.# of musicians = 80 persons w/stands & instruments

 Loading door: 2 doors @ 7'-6" w x 9'-0" h
 1 door @ 9'-0" w x 9'-3" h (center)
 LOADING DOCK Shore Power:Four 50amp Receptacle
 Two on the east dock & two on west dock

SOFT GOODS

Legs: 14 @ 15'-0" w x 40'-0" h
 Borders: 7 @ 63'-0" w x 15'-0" h
 Scrim: 1 white (filled), 1 black @ 63'-0" w x 30'-0" h
 Drops: 3 blackout @ 63'-0" w x 30'-0" h
 1 natural cyc @ 63'-0" x 30'-0" h

ROAD POWER: 4 set-ups of 3-phase, 4-wire
 @ 400amps per leg on SR wall

Spotlights: 4-Lycian 1295 ELT, 3kw (booth)

Lighting: 40 Strand Cantata LED FC
 6 VARI-LITE VL2600 Profile
 8 Chroma-Q Color Force II 72 (Upon Request)
 20 ETC Source Four LED Lustr 2
 20 Strand SL36, 36° ellipsoidal
 70 Strand SL26, 26° ellipsoidal
 20 Strand SL19, 19° ellipsoidal
 20 Strand SL10, 10° ellipsoidal
 20 Castor/Strand Model 270 Fresnel, 2kw
 20 Altman PAR64 MFL
 10 Ladders (5 per side)
 10 Booms (5 per side)

NOTE: Theatre is contracted w/House Plot unless noted, contact D.P.

Control: **ETC Ion (v.2048) Lighting Console**
 468 2.4kw dimmers
 21 6kw dimmers

NOTE: Lighting control is DMX-over-Ethernet protocols (sACN)

RISERS: **Wenger** (folding leg, interlocking)
 2 @ 8" h x 4' x 8'
 16 @ 16" h x 4' x 8'
 9 @ 24" h x 4' x 8'
 6 @ 24-32" h x 4' x 8' (Adjustable)

HOUSE PLANT

SOUND & HANGING
 ► see inventory/spec



SCHEDULE
 attached

PDF drawings available at:

<https://www.playhousesquare.org/about-playhousesquare-main/rent-our-spaces/stage-and-theatrical-specs>

.DWG & VectorWorks available by request

Director of Production: Penny Zaletel 216.640-8546 (penny.zaletel@playhousesquare.org)
 Production Manager: Jody Dagg 216.640-8548 (jody@playhousesquare.org)
 Production Manager: Tony Hanf 216.640-8670 (tony.hanf@playhousesquare.org)
 Technical Project Manager: Liam Roth 216.329-0344 (liam.roth@playhousesquare.org)
 Production Supervisor: Heather Cochran 216.373-1352 (heather.cochran@playhousesquare.org)

State Theatre AUDIO EQUIPMENT

A STEREOPHONIC SYSTEM

1—DiGiCo SD10-24 Mixing Console (144 input channels, 64 Aux/Sub-Ground Busses, 24x24 Full Processing Matrix)

114ft fm 0'-0" to standard mix position

1—DiGiCo X-A-4REA4 (128x48+8) Mix Engine (SD-Series 32 bit input card & 32 bit output card)

1—DiGiCo SD Rack 192kHz Multi-Mode HMA (SD-Series 32 bit input card & 32 bit output card)

Stage LEFT Tower

9—Nexo Geo S805 speakers
1—Nexo Geo S830 speakers
4—Nexo CD12 subs
1—Nexo Digital TD NX242 controller
3—Camco Vortex 6 amps

CENTER Cluster

7—Nexo Geo S805 speakers
1—Nexo Geo S830 speakers
3—Nexo CD12 subs
1—Nexo Digital TD NX242 controller
2—Camco Vortex 6 amps

Stage RIGHT Tower

9—Nexo Geo S805 speakers
1—Nexo Geo S830 speakers
4—Nexo CD12 subs
1—Nexo Digital TD NX242 controller
3—Camco Vortex 6 amps

Balcony LEFT

7—Nexo Geo S805 speakers
1—Nexo Geo S830 speakers
3—Nexo CD12 subs
1—Nexo Digital TD NX242 controller
2—Camco Vortex 6 amps

FRONT Fill (speakers across stage lip)

4—EAW JF60MT speakers
1—Crown Micro Tech 1200 amp

Balcony RIGHT

7—Nexo Geo S805 speakers
1—Nexo Geo S830 speakers
3—Nexo CD12 subs
1—Nexo Digital TD NX242 controller
2—Camco Vortex 6 amps

Under BALCONY

16—Nexo PS8 speakers
6—Nexo PS8 amps

Under BOXES

6—JBL Control 25 speakers
4—Nexo PS8 speakers
1—RANC MA3 amp
1—Nexo PS8 amp

AUXILLARY to TOW- ERS

Hung from Box Booms when Towers not in use

1—Crest CA9 amp
4—EAW 832 (on stage)

STAGE Monitors

4—EAW LA 212 wedge speakers
4—EAW LA212 speakers (permanently hung over stage)
3—Crest CA-9 amps

Playback/EFFECTS

2—Marantz PMD 330 CD players

House & TECH monitor/page system

2-channel Clear-Com system
Backstage page & program

Microphones

6—AKG 535
7—Sennheiser 421
8—Sennheiser 441
5—Shure SM58
18—Shure SM57
1—Shure PG 81
1—Barcus Piano Pick-up
2—AKG c568 EB Shotguns
2—AKG 414
4—AKG D330 BT
3—Crown CM31 Hanging Mics
2—Audio Technical P2M AT8531
2—Beyer Mc5 LAV
2—Sennheiser EW100 w/c
2—Shure QLXD4 w/c (Beta 58 HH)
1—Audio Technical U859QL Lectern Mic
2—Audio Technical Lectern Mic
6—Countryman Type 85 DI
3—Whirlwind Director DI
1—Radial JPC PCDI
1—StageBug PCDI
3—Countryman P2M 6
3—Countryman P2M 30

STATE THEATRE, HOUSE HANGING SCHEDULE

| <u>LINESET #</u> | <u>POSITION</u> | <u>DESCRIPTION</u> | <u>NOTES</u> |
|------------------|-----------------|--|--|
| | | PLASTER LINE | |
| | 9" | FIRE CURTAIN (upstage edge of smoke pocket) | |
| WINCH #1 | 1'-9" | (winch set) | Short grid 59' ht. |
| WINCH #2 | 2'-3" | (winch set) | |
| | 2'-10" | HOUSE CURTAIN | |
| 1 | 3'4" | BLACK VELOUR BORDER | Double purchase |
| 2 | 3'10" | BLACK VELOUR LEGS | Double purchase |
| 3 | 5'-1" | | Main grid 81' ht., begin single purchase ▼ |
| 4 | 5'-9" | ELECTRIC #1 | |
| 5 | 6'5" | | |
| 6 | 7'-0" | | |
| 7 | 7'-9" | | |
| 8 | 8'-6" | | |
| 9 | 9'-0" | | |
| 10 | 9'-6" | BLACK VELOUR BORDER | SPACER PLATE _____ |
| 11 | 9'-10" | BLACK VELOUR LEGS | |
| 12 | 10'-6" | | |
| 13 | 11'-2" | | |
| 14 | 11'-10" | | |
| 15 | 12'-6" | | |
| 16 | 13'-2" | | |
| 17 | 13'-10" | | |
| 18 | 14'-6" | | SPACER PLATE _____ |
| 19 | 15'-2" | BLACK VELOUR BORDER | |
| 20 | 15'-10" | BLACK VELOUR LEGS | |
| 21 | 16'-6" | | |
| 22 | 17'-2" | | |
| 23 | 17'-10" | ELECTRIC #2 | |
| 24 | 18'-6" | | |
| 25 | 19'-2" | | |
| 26 | 19'-10" | | SPACER PLATE _____ |

STATE THEATRE, HOUSE HANGING SCHEDULE, PAGE 2

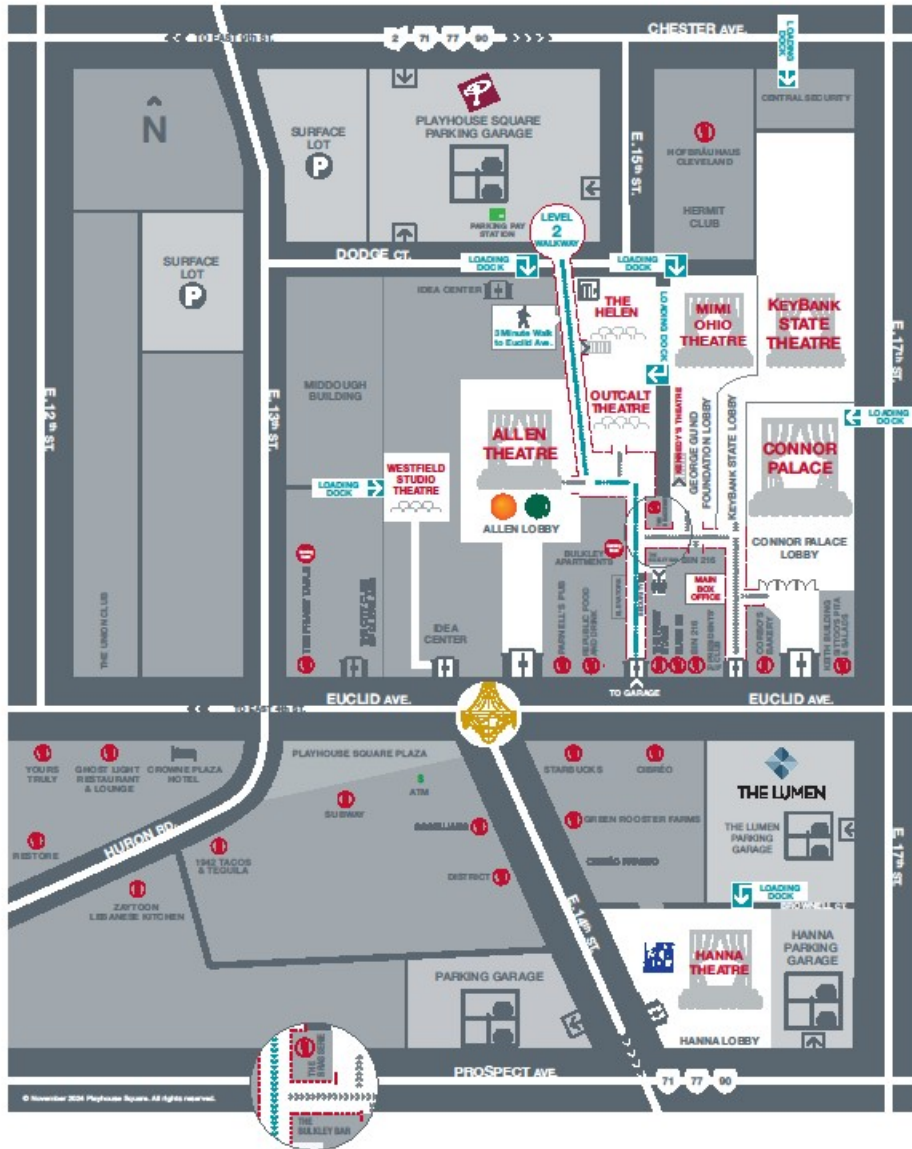
| <u>LINESET #</u> | <u>POSITION</u> | <u>DESCRIPTION</u> | <u>NOTES</u> |
|------------------|-----------------|----------------------|-------------------------|
| 27 | 20'-6" | | |
| 28 | 21'-2" | | |
| 29 | 21'-10" | BLACK VELOUR BORDER | |
| 30 | 22'-6" | BLACK VELOUR LEGS | |
| 31 | 23'-2" | | |
| 32 | 24'-5" | STRUCTURE BEAM | SPACER PLATE |
| 33 | 25'-1" | | |
| 34 | 25'-9" | BLACKOUT w/ fullness | |
| 35 | 26'-5" | | |
| 36 | 27'-1" | | |
| 37 | 27'-9" | BLACK VELOUR BORDER | |
| 38 | 28'-5" | BLACK VELOUR LEGS | |
| 39 | 29'-1" | | |
| 40 | 29'-9" | ELECTRIC #3 | |
| 41 | 30'-5" | | |
| 42 | 31'-1" | | |
| 43 | 31'-9" | | |
| 44 | 32'-5" | | |
| 45 | 33'-1" | | |
| 46 | 33'-9" | | |
| 47 | 34'-5" | | SPACER PLATE |
| 48 | 35'-1" | BLACK VELOUR BORDER | |
| 49 | 35'-9" | BLACK VELOUR LEGS | |
| 50 | 36'-5" | | |
| 51 | 37'-1" | | |
| 52 | 37'-9" | | |
| 53 | 38'-5" | ELECTRIC #4 | Cyc Lights Upon Request |
| 54 | 39'-1" | | |
| 55 | 39'-9" | BLACK VELOUR BORDER | SPACER PLATE |
| 56 | 40'-5" | BLACK VELOUR LEGS | |
| 57 | 41'-1" | CYC | Move as needed |

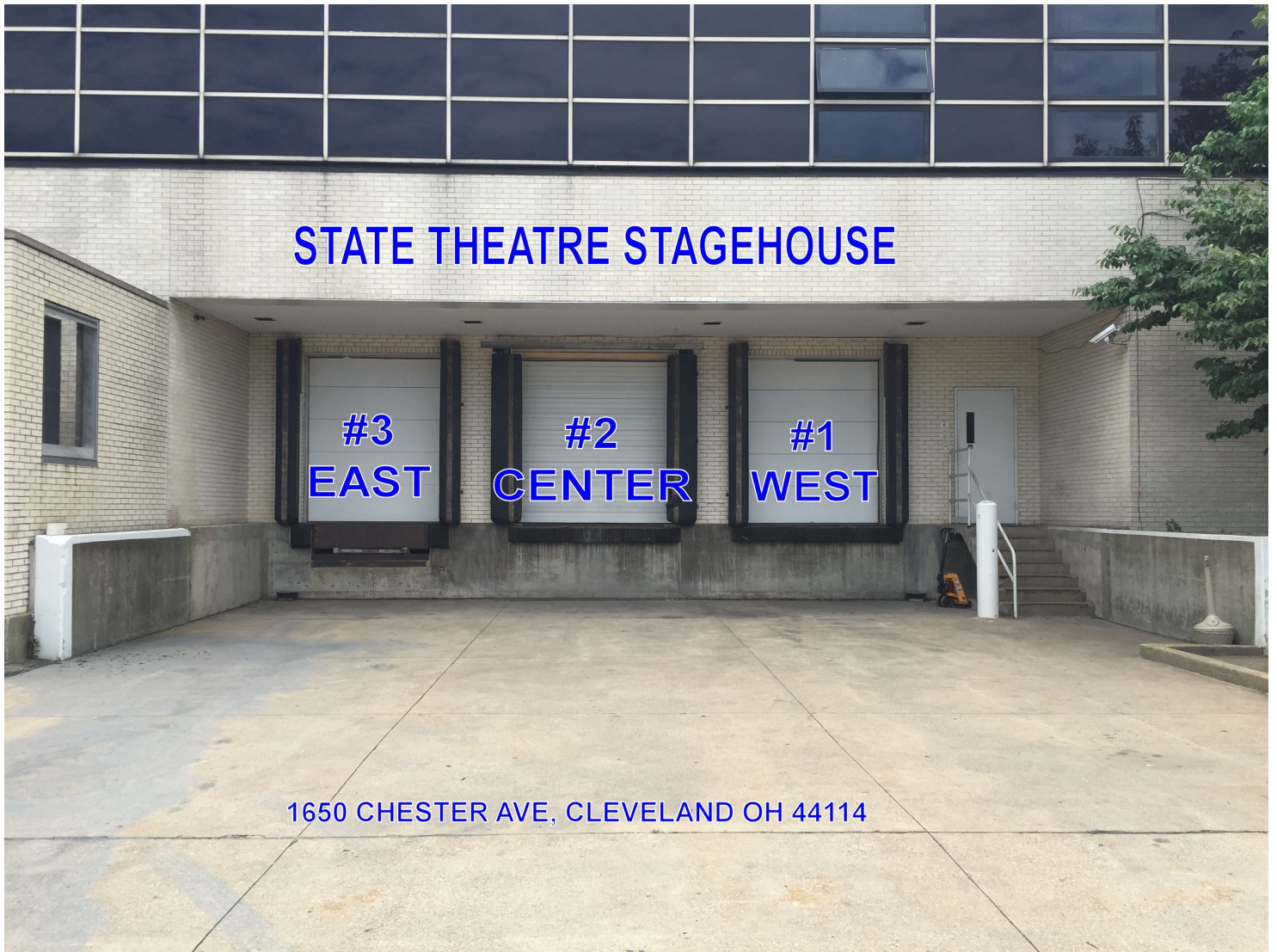
STATE THEATRE, HOUSE HANGING SCHEDULE, PAGE 3

| <u>LINESET #</u> | <u>POSITION</u> | <u>DESCRIPTION</u> | <u>NOTES</u> |
|------------------|-----------------|----------------------------|----------------|
| 58 | 41'-9" | ELECTRIC #5 | |
| 59 | 42'-5" | | |
| 60 | 43'-1" | | |
| 61 | 43'-9" | | |
| 62 | 45'-0" | STRUCTURE BEAM | SPACER PLATE |
| 63 | 45'-8" | | |
| 64 | 46'-0" | | |
| 65 | 47'-0" | | |
| 66 | 47'-8" | | |
| 67 | 48'-4" | | |
| 68 | 49'-0" | | |
| 69 | 49'-8" | | |
| 70 | 50'-4" | | SPACER PLATE |
| 71 | 51'-0" | | |
| 72 | 51'-8" | | |
| 73 | 52'-4" | | |
| 74 | 53'-0" | | |
| 75 | 53'-8" | ELECTRIC #6 | |
| 76 | 54'-4" | R.P. Storage | |
| 77 | 55'-0" | | |
| 78 | 55'-8" | Projection Screen | SPACER PLATE |
| 79 | 66'-4" | | |
| 80 | 57'-0" | | |
| 81 | 57'-8" | Plastic Storage | |
| 82 | 58'-4" | BLACKOUT | Move as needed |
| 83 | | SL LIGHTING LADDERS | |
| 84 | | SR LIGHTING LADDERS | |
| | | | |
| | | | |
| | | | |



Playhouse Square® PRODUCTION MAP





1650 CHESTER AVE, CLEVELAND OH 44114



STATE THEATRE STAGEHOUSE

1650 CHESTER AVE., CLEVELAND OH 44114