

# ALLEN Theatre



Playhouse Square®

Seating Capacity: -----481  
 Stage Door Access: -----1410 Dodge Court  
 24 hr. Receiving Address: -----1650 Chester Ave. (State Theatre Stagehouse—for parcel delivery)

STAGE CONDITIONS

Proscenium opening: -----38'-0" w 25'-0" h  
 Proscenium height: -----28'-8" to bottom of acoustical panel  
 43'-3" floor to masonry  
 Grid height: -----85'-7"  
 Lip to 0'-0": -----29"  
 0'-0" to hse curtain: -----2'-11 1/2"  
 0'-0" to #1 lineset: -----3'-9"  
 Smoke pocket to last lineset (#60): - 41'-10"  
 Smoke pocket to US wall columns: 42'-6"  
 Smoke pocket to US wall pilaster: -- 43'-10"  
 Number of battens: -----60 (single purchase counterweight)  
 Length of batten: -----62'-0" x 1'-0", 1 1/2" ID  
 Number of spot sheaves: -----40, 8" dia.  
 avail. polypropylene line: -- 2,500 ft.  
 Distance between battens: ---- 8" o/c  
 Travel of batten: -----79'-0"  
 Weight capacity: -----2,000# per arbor, 61,000# tot. avail.  
 Locking rail to SR wall: -----9'-0"  
 SR rail to SL column: -----95'-0"  
 Fly floor on stage (SR) and @ 35'-0" (pinrail) 2nd jump @ 50',  
 load jump @ 80'  
 SL WING: -----33'-1" CL to SL wall pilaster: - 49'-6"

SR WING: ----- 24'1 1/4" CL to SR pinrail: -----40'-0"  
 Stage floor to bottom of lowest catwalk: -34'-0"  
 Centerline to catwalk: -----34'-0" SL --- 40'-3" SR  
 Stage floor to aud. Floor: ----- 2'-10"  
 Stage floor to orch. Pit floor: -- 8'-5" max on **Gala Spiralift**  
 Stage floor traps: ----- 58 @ 3' x 6'  
 Stage floor to balcony rail: ---- 13'-2" (vertical plane)  
 Proscenium line to; balcony rail:-----46'-0"  
 box booms: -----6'-11" #1, 22'-6" #2, 39'-6" #3  
 perches: -----64'-0" HR & HL  
 booth: -----59'-0"  
 back of last row of seats: 59'-9" orchestra  
 64'-0" balcony  
 Orchestra pit: 42'-0" w x 9'-0" d, 16'-11" extended configuration  
 Avg.# of musicians = XX w/stands & instruments  
 8'-4" lip overhang  
 Loading door: 2 doors, basement level, 1 @ 7'-11" w x 8'-0" h,  
 1 @ 8'-9" w x 9'-4" h, loading via freight elevator to  
 stage—7'-11" w x 24'-5" L x 9'-4" h @ 50' per minute &  
 20,000# capacity

## SOFT GOODS

Legs: 12 @ 8'-0" w x 32'-0" h  
 Borders: 6 @ 62'-0" w x 15'-0" h  
 Scrim: 1 black @ 62'-0" w x 32'-0" h  
 Drops: 1 black traveller @ 62'-0" w x 32'-0" h  
 (2-panel w// 75% fullness, center split)  
 1 black/2-panel (33'-0" ea.) @ 62'-0" w x 32'-0" h  
 1 cyclorama @ 62'-0" x 32'-0" h (bleached muslin)

## ROAD POWER: all 3 phase

1.....400amp service, basement/trap rm.  
 2.....200amp service basement/trap rm.  
 1.....400amp service, USL  
 1.....200amp service, USL (sound)  
 7.....400amp service, SL fly floor (@35ft jump)  
 1.....200amp service, grid SL  
 1.....200amp service, auditorium ceiling  
 1.....100amp service, booth

Spotlights: none

Lighting: **Theatre is contracted w/House Plot unless noted, contact T.D. for details or strip-out**

29.....19 degree SOURCE 4 leko  
 18.....36 degree SOURCE 4 leko  
 38.....26 degree SOURCE 4 leko  
 39.....10 degree SOURCE 4 1k leko  
 100.....PAR 64 1k MFL  
 18.....T3 strips, 3-color, 500w  
 14.....MR16 strip lights

HOUSE PLOT

Control: **ETC Ion™** board, FOH w/ ethernet node control device  
 all CD80SV dimmers, 17 DMX dry-run stats.  
 168 .....2.4kw dimmers  
 192 .....2.4kw portable dimmers @ SL fly floor

SOUND: See "Page Two" for detailed spec/inventory

4-channel **Clear-Com** Master Station  
 4-HME DX Wireless Headsets



**SOUND & HANGING SCHEDULE**  
 ▶ see inventory/spec attached



PDF drawings available at:

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

Director of Production:	<b>Penny Zaletel</b> 216.640-8546 (penny.zaletel@playhousesquare.org)
Sr. Production Mgr:	<b>Joe Korcuska</b> 216.640-8547 (joe.korcuska@playhousesquare.org)
Production Mgr:	<b>Jody Dagg</b> 216.640-8548 (jody.dagg@playhousesquare.org)
Production Mgr:	<b>Tony Hanf</b> 216.640-8670 (tony.hanf@playhousesquare.org)
Phone Numbers:	216.771-4444 (administrative offices) 216.771-7136 (fax)



# Allen Theatre

## AUDIO EQUIPMENT

### HOUSE LEFT Side Proscenium

- 2—EAW KF650e speakers
- 1—EAW MX300iJHS 4-band speaker controller
- 1—YAMAHA YDP2006 digital equalizer
- 1—CREST CKS400 amplifier
- 1—CREST CKS800 amplifier
- 1—CREST CKS1200-2 amplifier  
[lower]
- 2—EAW KF300e speakers
- 1—EAW MX300iJHS 4-band speaker controller
- 1—YAMAHA YDP2006 digital equalizer
- 1—CREST CKS400 amplifier
- 1—CREST CKS800 amplifier
- 1—CREST CKS1200-2 amplifier  
[floor]
- 1—JBL subwoofer cabinet (2-spkr)

### LINE ARRAY

- QSC WideLine8 line array
- QSC amps dedicated to line array
- CMX 800v
- CMX 2000v
- CMX 500v
- CMX 300v

### HOUSE RIGHT Side Proscenium

- 2—EAW KF650e speakers
- 1—EAW MX300iJHS 4-band speaker controller
- 1—YAMAHA YDP2006 digital equalizer
- 1—CREST CKS400 amplifier
- 1—CREST CKS800 amplifier
- 1—CREST CKS1200-2 amplifier  
[lower]
- 2—EAW KF300e speakers
- 1—EAW MX300iJHS 4-band speaker controller
- 1—YAMAHA YDP2006 digital equalizer
- 1—CREST CKS400 amplifier
- 1—CREST CKS800 amplifier
- 1—CREST CKS1200-2 amplifier  
[floor]
- 1—JBL subwoofer cabinet (2-spkr)

### UNDER Balcony

- 3—Renkus Heinz TRX62H

### House REARS

- 4—Renkus Heinz TRX62H



### HOUSE MIX

#### **CONSOLE: Yamaha CL5 connected to Dante Digital Network System**

#1 posit. = behind row ZZ, 140'-0" fm stage, 250' cable run req.

#2 posit. = remove seat rows x-y, 70'-0" fm stage

..... (NOTE: still partially under balcony & requires seat kills in & behind the area ...BEFORE tix on-sale)

#### EFX

- 2—YAMAHA Q2031A 1/3 octave graphic equalizer
- 1—YAMAHA REV500 digital reverb
- 2—KLARK-TECHNIC DN504 quad compressor/limiters
- 2—KLARK-TECHNIC DN514 quad auto gate processors
- 1—MARANTZ PMD510 dual well cassette deck
- 1—MARANTZ PMD321 CD player
- 1—PANASONIC SV3800 DAT player/recorder

4-channel **Clear-Com** throughout auditorium, stage & paging in dressing rooms

# GRID NOTES AND LINE SCHEDULES

Locking rail is stage right  
 Seven (7) pickups per set: 60 sets  
 Second locking rail & pin rail @ 25' S.R.; also pin rail SL.  
 Gallery at 50' SR.  
 Original procenium 53'-4" w/new PL/0'-0" = 38'-0"; 28'-9" to bottom of acoustical panel,  
 43'-3" to masonry  
 Grid 85'-7"  
 Grid extends 1'-9" downstage of the fire curtain pick ups



LINESET#	POSITION	DESCRIPTION	NOTES
	<b>2'-8"</b>	<b><u>HOUSE CURTAIN</u></b>	GUILLOTINE
1	3'-9"	BORDER	
2	4'-5"	LEGS	EVEN W/PROCENIUM
3	5'-1"		
4	5'-9"		
5	6'-5"	1ST ELECTRIC	
6	7'-1"		
7	7'-9"		
8	8'-5"		
9	9'-1"		
10	9'-9"		
11	10'-5"		
12	11'-1"	BORDER	
13	11'-9"	LEGS	
14	12'-2"		
15	13'-1"		
16	13'-9"	2ND ELECTRIC	<i>Column between #15 &amp; 16</i>
17	14'-5"		
18	15'-1"		
19	15'-9"		
20	16'-5"		
21	17'-1"		
22	17'-9"	BORDER	
23	18'-6"	LEGS	
24	19'-1"		
25	19'-9"		
26	20'-6"	3RD ELECTRIC	
27	21'-1"		
28	21'-9"		
29	22'-5"		
30	23'-1"		

LINESET#	POSITION	DESCRIPTION	NOTES
31	23'9"		
32	24'-5"	BORDER	
33	25'-1"	LEGS	
34	25'-9"		
35	26'-5"	4TH ELECTRIC	
36	27'-1"		
37	27'-9"		
38	28'-6"		
39	29'-1"		
40	29'-9"	BORDER	
41	30'-6"	LEGS	
42	31'-1"		
43	31'-9"	5TH ELECTRIC	
44	32'-5"		
45	33'-1"		
46	33'-9"	CYC	Column between #45 & 46
47	34'-5"		
48	35'-1"	SPLIT TRAVELLER	
49	35'-9"		
50	36'-5"		
51	37'-1"		
52	37'-9"		
53	38'-5"		
54	39'-1"	RP STORAGE	
55	39'-9"	BLACK SCRIM STORAGE	
56	40'-5"	CPH FOCUS STRACK STORAGE	
57	41'-1"	CPH FOCUS STRACK STORAGE	
58	41'-9"	CPH FOCUS STRACK STORAGE	
59	42'-5"	CPH FOCUS STRACK STORAGE	
60	43'-1"	TRAVELLER TRACK STORAGE	

**STAGE LEFT**

**CTR**

**STAGE RIGHT**

long/long

long

long center

center

short center

short

short/short

29'-½"

19'-4½"

9'-7½"

0'-0"

9'-7½"

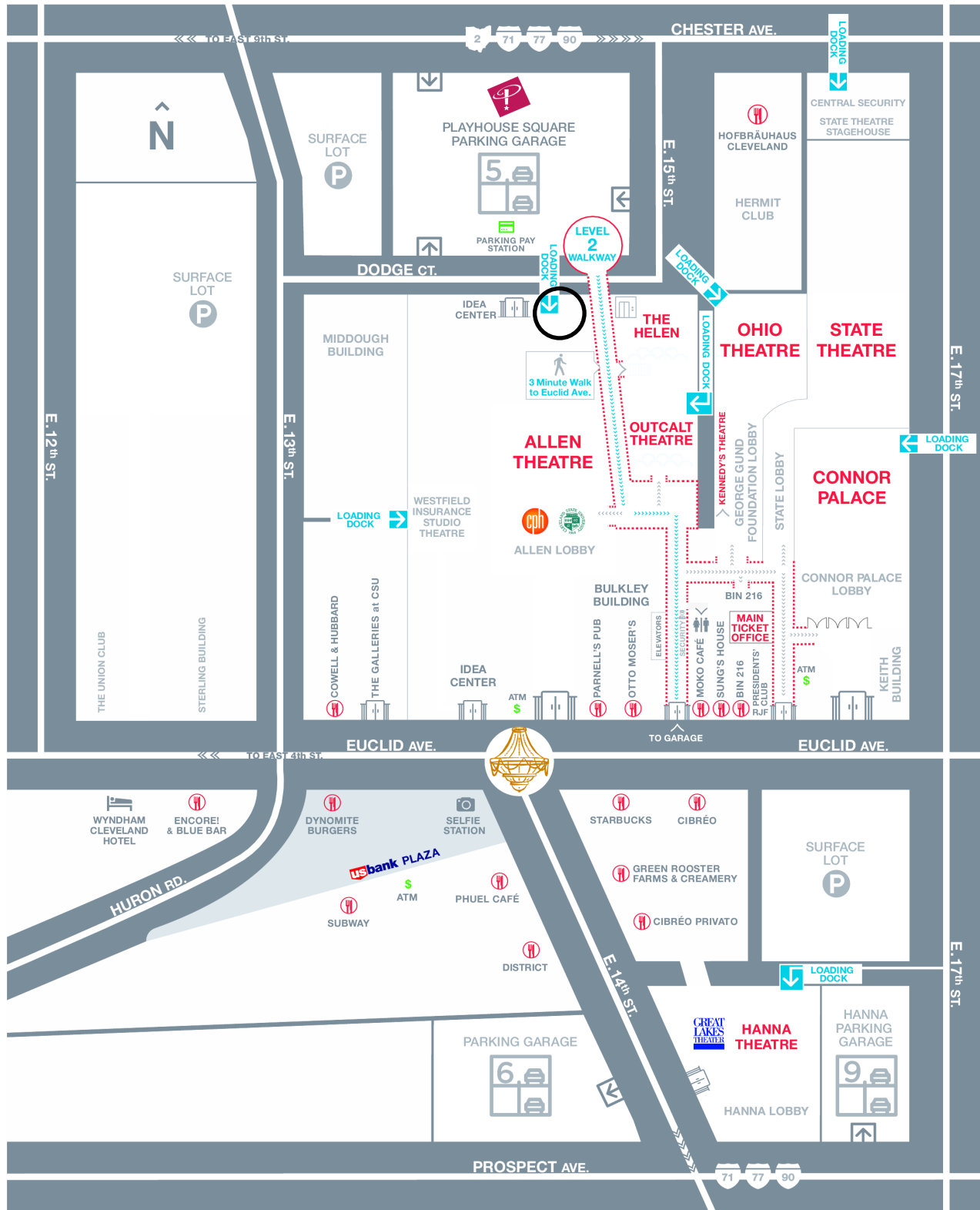
19'-4½"

29'-½"

width of the well: 9¾"



# Playhouse Square® PRODUCTION MAP



PARKING GARAGE WALKWAY



#1

#2

STAGE DOOR

ALLEN THEATRE DOCKS