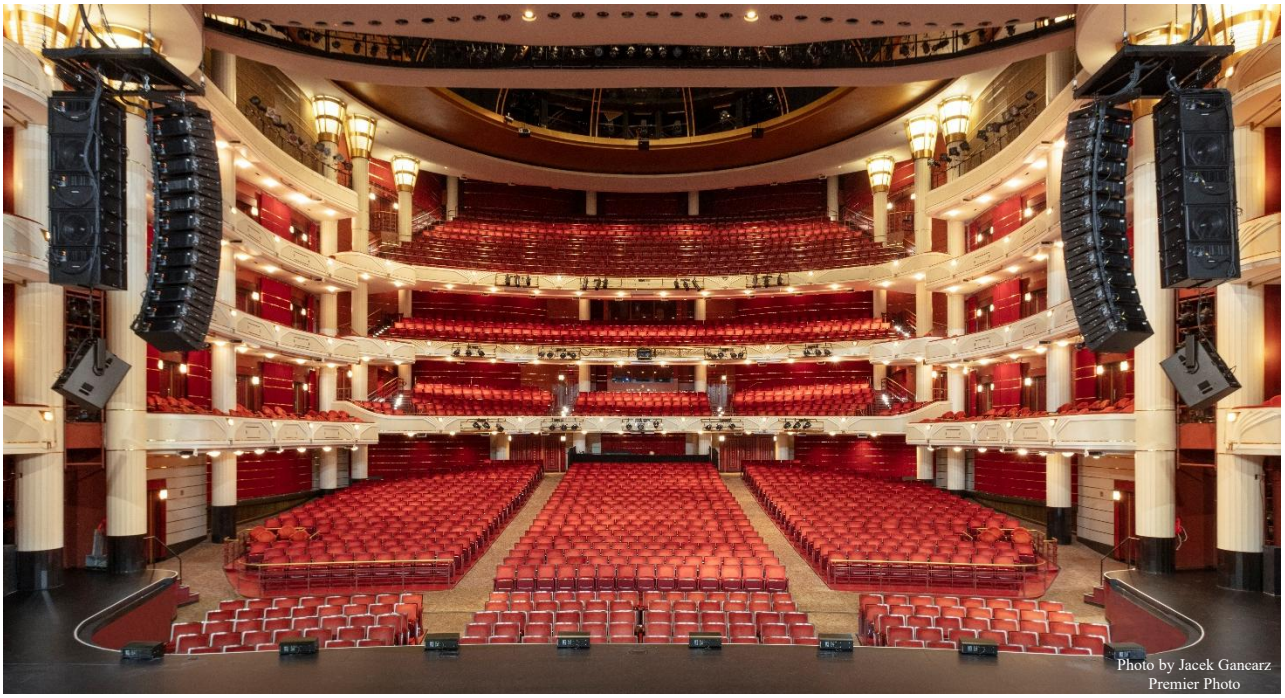
TECHNICAL SPECIFICATIONS

ALEXANDER W. DREYFOOS, JR. CONCERT HALL


Photo by Jacek Gancarz
Premier Photo

KRAVIS CENTER
FOR THE PERFORMING ARTS

WEST PALM BEACH, FLORIDA
2026

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ALEXANDER W. DREYFOOS, JR.
CONCERT HALL
at the
RAYMOND F. KRAVIS CENTER FOR THE PERFORMING ARTS

701 Okeechobee Blvd.
West Palm Beach, FL 33401
MAIN OFFICE 561.833.8300 (M-F 8:30A-5:30P)
MAIN FAX 561.833.3901
TECH FAX 561.833.5962

THEATER TECHNICAL STAFF

Director of Production	Matthew Wilt	561.651.4202	wilt@kravis.org
Production Manager	Melinda Gallant	561.651.4245	gallant@kravis.org
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Marketing Contact	Phala Murray	561.651.4387	murray@kravis.org

THEATER TECHNICAL SPECIFICATIONS

AUDITORIUM SEATING CAPACITY

Orchestra	840	Grand Tier	324
Upstage Pit	78	Loge	293
Downstage Pit	86	Mezzanine	293
	1004	Balcony	281
		TOTAL SEATING:	2195

LOADING DOCK

The Loading Dock is located off Alexander Dreyfoos Way on the north side of the building. There are (3) bays, (2) with loading levelers. Dock is 4' High with 2100 square feet of Receiving Room area. Loading doors are 8'W x 12'H.

SHOP

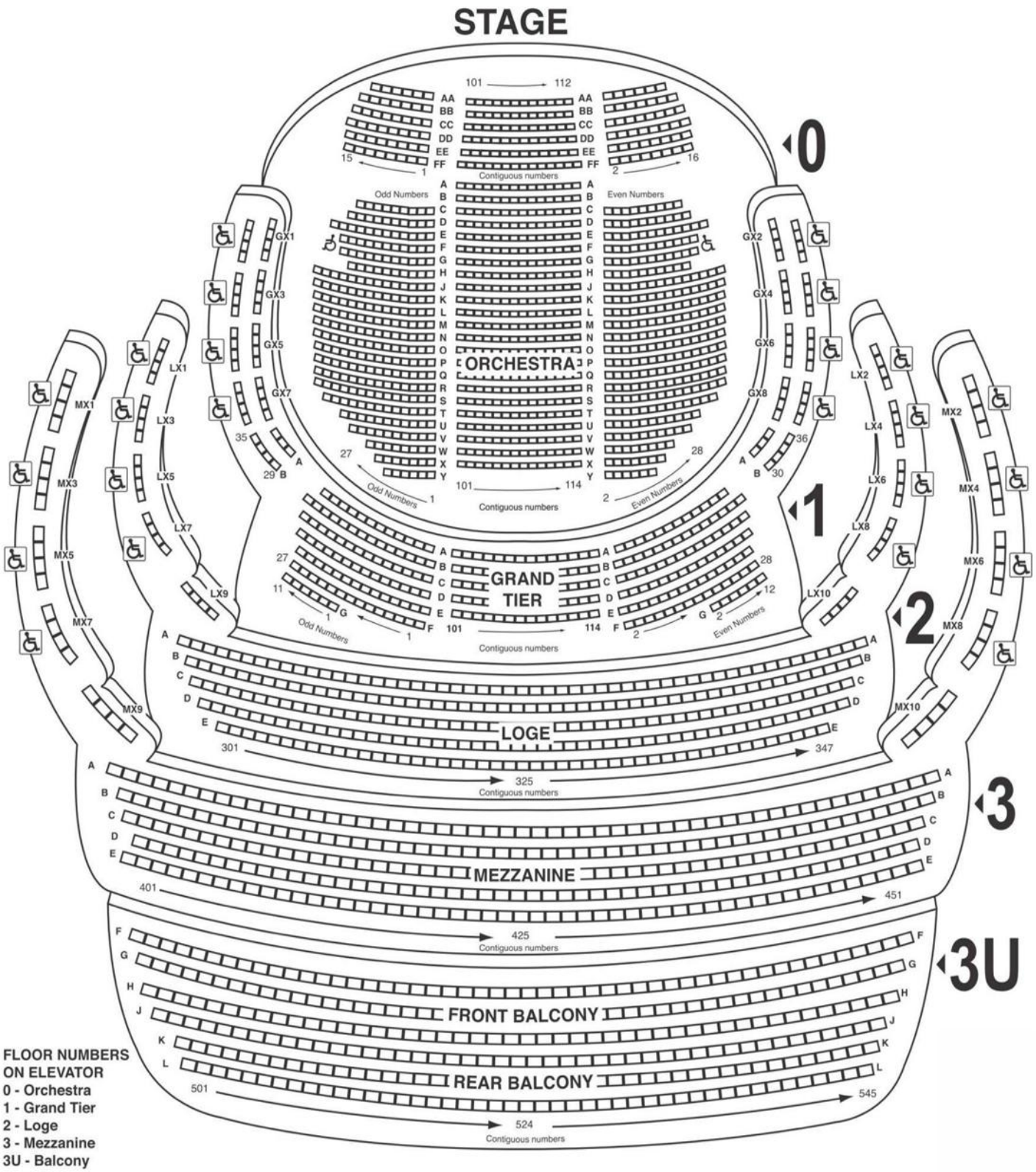
The shop is a full wood shop with welding facilities for aluminum & steel. Regulated compressed air is available in the shop with an additional outlet stage left.

TRUCK & BUS PARKING

Long term truck and bus parking must be prearranged with KCPA Technical Director.

Dreyfoos Hall Seating Chart

All Five Levels



STAGE SPECIFICATIONS

STAGE FLOOR - Tongue & Groove Maple flooring stained black over 3/4" plywood, with joints staggered on 2 x 4's @ 16" centers on 4" x 4" x 1/2" Neoprene Pads. Any damage to floor incurred by production requirements must be restored.

HEIGHT OF GRID	100'
HEIGHT OF PROSCENIUM	40'
Adjustable Proscenium Header	32' to 40' height
WIDTH OF PROSCENIUM	60'
Adjustable Tormentors	44' to 60' width
HEIGHT OF GALLERIES	
Upper loading gallery	95'
Middle loading gallery	84'-6"
Lower loading gallery	64'
Operating gallery/Pin rail SR	35'
Pin rail SL	35'
Upstage crossover/Pin rail	40'
DEPTH OF STAGE (from U.S. edge of proscenium)	60'
WIDTH OF STAGE	120'
WIDTH OF STAGE (center to SL)	60'
WIDTH OF STAGE (center to SR)	60'
CENTER STAGE TO OPERATING GALLERY SR	54'
CENTER STAGE TO PIN RAIL SL	54'
APRON (curved, from U.S. edge of proscenium @ C)	5'
HALF THRUST w/ Upstage Pit only (from U.S. edge of proscenium)	14'-6"
FULL THRUST STAGE w/ Up & Downstage pits (from U.S. edge of proscenium)	24'-3"

RIGGING SPECIFICATIONS

SINGLE PURCHASE, HAND OPERATED LINE SETS WITH COMPENSATORS OPERATED FROM OPERATING GALLERY 35' ABOVE STAGE RIGHT DECK.

NUMBER OF AVAILABLE LINE SETS	91
GRID HEIGHT	100'
TRAVEL DISTANCE	93'
MAX WEIGHT PER ARBOR	1500 lbs.
TOTAL WEIGHT AVAILABLE	120,000 lbs.
LENGTH OF TRUSS BATTENS (all line sets are truss battens)	76' + 3' extensions SL & SR
LENGTH OF LINE SET 91 (concert scrim pipe)	85'
4 COUNTERWEIGHT TAB PIPES (2 per side)	41' OFF SL & SR
4 MOTORIZED TAB PIPES (2 per side)	46' OFF SL & SR

HOUSE CURTAIN IS MOTORIZED. It can be operated from operating gallery SR, pin rail SL, or stage level. It is a maroon guillotine w/ a center split and hangs 3'-3" U.S. edge of proscenium. The speed is variable. At top speed the curtain takes 9 seconds to clear 25'-0" and 10.5 seconds to return. At top speed the curtain takes 10.5 seconds to clear 30'-0" and 11 seconds to return.

GRID IS STEEL SUBWAY GRATING. Wells are available at centerline, 11'-6", 23', 34'-6", 46', 50'-6" SL & SR.

THERE IS A 1 TON CHAIN MOTOR UPSTAGE LEFT TO THE GRID

THERE IS A TWO (2) MAN ELEVATOR LIFT UP RIGHT with stops at the basement, stage level, operating gallery, lower and upper loading bridges (max load is 500 lbs.).

(2) 36' Genie AWP-36 single occupant lift

(1) 32’ Genie GS-3246 scissor lift

OBSTACLES:

There are (4) permanent orchestra concert ceiling panels 8'9", 21'9", 34'9" & 47'9" (from U.S. edge of proscenium) hung in plane with the plaster line. The concert ceiling panels take up 18" of space.

There are (4) semi-permanent orchestra concert lighting truss battens with mini strips 2'3", 15'3", 28'3", and 41’3” (from U.S. edge of proscenium). Removal or relocation of these strips is not practical and highly discouraged.

LINE SET 78 DOES NOT EXIST

Line Set #	Position	House Hang	Show Hang	Weight
	0'-0"	Upstage Edge of Proscenium		
	0'-6"	Fire Wall		
	1'-9"	House Valance		
	2'-3"	Concert Lighting #1		
	3'-3"	House Curtain		
1	4'-3"	#1 Border		
2	4'-9"	#1 Legs-23' L/R		
3	5'-3"			
4	5'-9"			
5	6'-3"			
6	6'-9"			
7	7'-3"			
8	7'-9"	Soft Goods Only		
	8'-9"	Concert Ceiling #1		
9	9'-9"	Soft Goods Only		
10	10'-3"			
11	10'-9"			
12	11'-3"			
13	11'-9"			
14	12'-3"	#2 Border		
15	12'-9"	#2 Legs-23'L		
16	13'-3"	#2 Legs-23'R		
17	13'-9"			
18	14'-3"			
19	14'-9"			
20	15'-3"	Concert Lighting #2- Mini Strips		
21	15'-9"			
22	16'-3"			
23	16'-9"			
24	17'-3"			
25	17'-9"			
26	18'-3"			
27	18'-9"			
28	19'-3"			
29	19'-9"			
30	20'-3"	#3 Border		
31	20'-9"	#3 Legs- 23' L/R		
	21'-9"	Concert Ceiling #2		
32	22'-9"	Soft Goods Only		

Line Set #	Position	House Hang	Show Hang	Weight
33	23'-3"			
34	23'-9"			
35	24'-3"			
36	24'-9"			
37	25'-3"			
38	25'-9"			
39	26'-3"			
40	26'-9"			
41	27'-3"	Black Out Curtain		
42	27'-9"			
43	28'-3"	Concert Lighting #3		
44	28'-9"	#4 Border		
45	29'-3"	#4 Legs-23' L/R		
46	29'-9"			
47	30'-3"			
48	30'-9"			
49	31'-3"			
50	31'-9"			
51	32'-3"	Black Scrim		
52	32'-9"	House RP		
53	33'-3"			
54	33'-9"	Soft Goods Only		
	34'-9"	Concert Ceiling #3		
55	35'-9"	Soft Goods Only		
56	36'-3"	#5 Border		
57	36'-9"	#5 Legs-23' L/R		
58	37'-3"			
59	37'-9"			
60	38'-3"			
61	38'-9"	Far Cyc 4'-0"/4 Lamp (2Top,2Bottom)		
62	39'-3"			
63	39'-9"			
64	40'-3"			
65	40/-9"			
66	41'-3"	Concert Lighting #4- Mini Strips		
67	41'-9"			
68	42'-3"			
69	42'-9"			
70	43'-3"			
71	43'-9"	#6 Border		

Line Set #	Position	House Hang	Show Hang	Weight
72	44'-3"	#6 Legs		
73	44'-9"			
74	45'-3"			
75	45'-9"	Black Out Curtain		
76	46'-3"			
77	46'-9"	Soft Goods Only		
	47'-9"			
78		*DOES NOT EXIST*		
79	49'-3"			
80	49'-9"			
81	50'-3"			
82	50'-9"			
83	51'-3"			
84	51'-9"			
85	52'-3"			
86	52'-9"	BORDER STORAGE		
87	53'-3"	BLACK SCRIM STORAGE		
88	53'-9"	TAB STORAGE		
89	54'-3"	BOUNCE STORAGE		
90	54'-9"			
91	55'-3"	Concert Scrim		
92	55'-9"	LEG STORAGE		

SOFT GOODS INVENTORY

(1)	Maroon Guillotine Motorized House Curtain (see page 4 for more information)	
(6)	Black Velour Borders	20' x 70'
(6)	Pairs Black Velour Legs	16' x 45'
(2)	Full Stage, 2 Panel Black Velour Drops	70' x 45'
(1)	White Translucent CYC	66' x 40'
(1)	White Bounce Drop	66' x 39'
(2)	Black Sharkstooth Scrim	66' x 39'
(1)	"CONCERT" Black Sharkstooth scrim	86' x 39'
(3)	Side "CONCERT" Black Sharkstooth scrim	25' x 45'
(8)	Black Velour Tabs	6' x 45'
(24)	Zetex Protective Skirts	3' x 15'

LIGHTING SYSTEM

Console: ETC ION Dual Consoles
ETC Nomad Designer's Remote Video Interface unit.

Network: The venue uses sACN network with Pathway Via switching and Pathway nodes. There are network and DMX ports distributed around the venue and can be configured as to DMX direction and universe.

Dimmers: Strand CD80 Advanced Electronics
2 universes of DMX for full hall control

20A Dimmers	(566)
50A Dimmers	(65)
20A House Light Dimmers	(36)
50A House Light Dimmers	(1)
20A Concert Light Dimmers	(16)
50A Concert Light Dimmers	(8)

POWER DISTRIBUTION

PANEL	PHASE	AMPS	VOLTS	COMMON USE	LOCATION
A	3	400	120/208	LIGHTING	USL WALL-DECK
B	3	400	120/208	LIGHTING	USL WALL-DECK
C	3	400	120/208	LIGHTING	USL WALL-DECK
D	3	100	277/480	THEATER EQUIP	SL WALL-DECK
E	3	200	120/208	THEATER EQUIP	SL WALL-DECK
F	3	200	120/208	SOUND EQUIP	SL WALL-DECK
G	3	100	120/208	COMPANY	USL WALL-GRID
H	3	100	277/480	COMPANY	USL WALL-GRID
I	3	100	120/208	COMPANY	DSR WALL-FORESTAGE GRID
J	3	100	277/480	COMPANY	DSR WALL-FORESTAGE GRID
K	3	200	120/208	SHORE	RECEIVING AREA

CONCERT LIGHTING

The building has a permanently installed Front of House concert lighting system located above the thrust stage in front of the proscenium. It is a full area wash from directly overhead, made up of 6x16 lekos at 575w. There are 4 built in conductor's specials, and 5 solo specials made up of 6x22 lekos 1000w. They are not colorable or focusable. In addition, there are 4 line sets of Altman Spectra Strip RGBW to light any orchestra on the main stage upstage of the proscenium. Removal or relocation of these strips is not practical and highly discouraged.

LIGHTING INVENTORY

F.O.H. LIGHTING INVENTORY (Permanent Hang)

(25)	5° ETC Source Four	575w
(63)	10° ETC Source Four	750w
(100)	19° ETC Source Four	750w
(12)	15° to 30° Zoom ETC Source Four	750w
(8)	ETC Source Four Par (Med)	575w

ONSTAGE LIGHTING INVENTORY

(55)	19° ETC Source Four	575w
(100)	26° ETC Source Four	575w
(65)	36° ETC Source Four	575w
(108)	ETC Source Four Par (VN, N, M, W)	575w
(10)	ETC Source Four Parnel	575w
(15)	8" Fresnel	2k
(12)	8” Fresnel	1k
(24)	Par 64 - VN, N, M, W (mixed)	1k
(8)	16" Focusing Scoop	1k
(8)	T-3 Strips 6'-8" / 9 Lamp / 3 circ.	500w
(34)	Altman Spectra Strip RGBW 6’	LED
(10)	Altman Spectra Cyc 400 RGBA	LED

ADDITIONAL SOURCE FOUR LENS BARRELS

(3)	5° Lens Barrel	(6)	10° Lens Barrel	(8)	14° Lens Barrel
(22)	19° Lens Barrel	(15)	26° Lens Barrel	(3)	36° Lens Barrel
(11)	50° Lens Barrel	(2)	70° Lens Barrel		

HARDWARE

(48) Source Four Top Hats
(70) Tophats 7 1/2"
(36) Tophats 10" x 10"
(62) Donuts 7 1/2" x 7 1/2"
(8) Light Ladders 4 rung 2'W x 7'L
(10) 21'-0" Boom Pipes
(10) 10'-6" Boom Pipes
(12) Boom Bases 50 lbs.
(4) Rover Booms w/casters adj. 5'-9'
16” Scenery Bumpers
(27) Source Four Drop-in Iris’
(28) Source Four Pattern Holders “A” size
(67) Source Four Pattern Holders “B” size
(14) 7 ½” Barn Doors
(16) 10" Fresnel Barn Doors
(15) 10" Barn Doors
(50) 18" Sidearms
(50) 24” Sidearms
(36) 30” Sidearms

“BALLET” TRUSS BOOMS

(8) 6’ sections, circuited, single or double hung
(8) 10’ sections, circuited, single or double hung

FOLLOWSPOTS

(4) LYCIAN 1290 XLT 2K xenon located in F.O.H.

Note: All inventory is subject to availability. Contact Kravis Technical Department for information.

ADDITIONAL LIGHTING EQUIPMENT AVAILABLE

CONCERT LIGHTING TRUSS

(2) 40’ sections of double hung Thomas Truss w/ 60 575w Source Four Pars per truss. Rigging points w/ permanent motors available downstage of proscenium or from grid with rigged chain motors.

ACL LIGHT BARS

(4) 4’ single circuit bar w/ 4 ACL type par64s per bar

AUDIENCE BLINDERS

(2) Thomas 9 light 3 circuit Audience Blinders

MIRROR BALL

(1) 24” glass Mirrorball with 1rpm DC motor

DRY ICE FOGGERS

(1) Aquafog 3300 Dry Ice Foggers w/ 50’ hose

HAZER/FOG MACHINES

(1) LeMaitre G-300 Fog/Hazer
(2) Elation MAGMA Prime Hazers
(2) Chauvet Cloud 9x IP Hazers
(1) Elation MagmaFog IP-II
(2) Elation MagmaFan 1

INTELLIGENT MOVING LIGHTS

(12) VL 2600 Profile
(24) Martin Mac Aura XB (6 have home position on #1 mini Concert Pipe)

MAIN MOVING LIGHT CONSOLE

(1) MA Lighting GrandMA 2 Lite

Note: All inventory is subject to availability. Contact Kravis Technical Department for information.

VIDEO EQUIPMENT AVAILABLE

PROJECTION SCREENS

Dalite 10’ x 18’ Front/Rear projection fast fold screen w/Hanging Hardware

PROJECTOR

Digital Projection HIGHlite Lazer II @ Loge Level Balcony Rail
Removal or relocation of this projector is not practical and highly discouraged

VIDEO SWITCHING

Roland Video Switcher V-80D with Monitor

There are multiple patch bays with connections for routing SDI/ BNC Video feeds to and from projectors [including Guest projectors] to various locations throughout the theatre.

There is also an SDI/ BNC Video patch point on S/L directly to the Center Apron pocket for use with teleprompters or video feeds, which can also be accessed from the S/R and FOH Patch panels.

CABLE INVENTORY

(6) 10’/ 6 circuit Extension Cable w/ VEAM VSC (Socopex compatible)

(17) 25' / 6 circuit Extension Cable w/ VEAM VSC (Socopex compatible)

(18) 50' / 6 circuit Extension Cable w/ VEAM VSC (Socopex compatible)

(4) Breakouts w/(2) 20A @ 54', 14', 4' (Concert Strips)

(4) Breakouts w/(2) 20A @ 44', 34', 24' (Concert Strips)

(24) Breakouts w/(1) 20A @ 2', 4', 6', 8', 10', 12'

(33) Breakouts w/(1) 20A @ 1'6", 3', 4'6", 6', 7'6", 9'

(10) Breakouts w/(2) 20A @ 2', 10', 18'

(12) Male Breakouts, even ends

(36) 2'/ 20A Stage Cable

(57) 5'/ 20A Stage Cable

(80) 10'/ 20A Stage Cable

(66) 15'/ 20A Stage Cable

(76) 25'/ 20A Stage Cable

(29) 50'/ 20A Stage Cable

(25) 100'/ 20A Stage Cable

(9) 25'/ 50A Stage Cable

(7) 50'/ 50A Stage Cable

(80) 2'/ 20A Twofers

(8) Splitter Boxes (1) 50A In x (3) 20A Out

Note: All inventory is subject to availability. Contact Kravis Technical Department for information.

CIRCUIT LOCATION INFORMATION

20 AMP.	50 AMP.	WORK LIGHT	LOCATION
1-21	567A/B		Far Catwalk
22-53	568A/B-569A/B	WL-1, WL-2, WL-3	Center Catwalk
54-83	570A/B-571A/B		Near Catwalk
84-89	572A		Left Tech Ledge
90-95	573A		Right Tech Ledge
96-101	-		SR Far Box Boom
102-107	-		SL Far Box Boom
108-125	572B	WL-4, WL-5	SL Center Box Boom
126-143	573B	WL-6, WL-7	SR Center Box Boom
144-152	-		Left Seat Box Booms
153-161	-		Right Seat Box Booms
162A-164A	-		Left Box Seat #1
162B-164B	-		Left Box Seat #2
165A-167A	-		Left Box Seat #3
165B-167B	-		Left Box Seat #4
168A-170A	-		Left Box Seat #5
168B-170B	-		Left Box Seat #6
171A-173B	-		Left Box Seat #7
174A-176A	-		Right Box Seat #1
174B-176B	-		Right Box Seat #2
177A-179A	-		Right Box Seat #3
177B-179B	-		Right Box Seat #4
180A-182A	-		Right Box Seat #5
180B-182B	-		Right Box Seat #6
183A-185B	-		Right Box Seat #7
186-201	574A/B-576A/B		Lower Balcony Rail
202-217	577A/B-578A/B		Center Balcony Rail
218-233	579A/B-581A/B		Upper Balcony Rail
234A-236B	582A-583A		Follow Spot Booth
234B-236B	582B-583B		Projection Room

Onstage lighting distribution junction boxes are in the grid. Distribution is provided by 20A 6-circuit multicables 120' in length, w/ VEAM VSC inline 19 pin connectors. Extension cables and breakouts are available (see inventory list page 11). There are 50A single circuit cables 120' in length w/ 60A stage pin connectors. There are 20A single circuit cables designated for work lights. All measurements are from the plaster line and centerline.

Cable Drop #1 (SR)

20 AMP.	50 AMP.	WORK LIGHT	LOCATION
237-242	584A	WL-8	33' OFF RIGHT
243-248	585A	WL-9	10' UPSTAGE
249-254	586	WL-10	
255-260	587		
261-266	588A		
267-272	589A		
273-278			

Cable Drop #2 (SR)

20 AMP.	50 AMP.	WORK LIGHT	LOCATION
279-284	-	-	33' OFF RIGHT
285-290			13' UPSTAGE
291-296			
297-302			
303-308			

Cable Drop #3 (SR)

20 AMP.	50 AMP.	WORK LIGHT	LOCATION
309-314	-	-	33' OFF RIGHT
315-320			19'6" UPSTAGE
321-326			
327-332			
333-338			

Cable Drop #4 (SR)

20 AMP.	50 AMP.	WORK LIGHT	LOCATION
339-344	590-591	WL-11	33' OFF RIGHT
345-350		WL-12	29'6" UPSTAGE
351-356			
357-362			
363-368			

Cable Drop #5 (SR)

20 AMP.	50 AMP.	WORK LIGHT	LOCATION
369-374	-	-	33' OFF RIGHT
375-380			36' UPSTAGE
381-386			
387-392			
393-398			

Cable Drop #6 (SR)

20 AMP.	50 AMP.	WORK LIGHT	LOCATION
399-404	-	-	33' OFF RIGHT
405-410			44'6" UPSTAGE
411-416			
417-422			
423-428			

Cable Drop #7 (SR)

20 AMP.	50 AMP.	WORK LIGHT	LOCATION
489-494	594-609	-	33' OFF RIGHT
495-500			48' UPSTAGE
501-506			
507-512			
513-518			

Cable Drop #1 (SL)

20 AMP.	50 AMP.	WORK LIGHT	LOCATION
429-434	-	-	33' OFF LEFT
435-440			12'6" UPSTAGE

Cable Drop #2 (SL)

20 AMP.	50 AMP.	WORK LIGHT	LOCATION
441-446	-	-	33' OFF LEFT
447-452			19'6" UPSTAGE

Cable Drop #3 (SL)

20 AMP.	50 AMP.	WORK LIGHT	LOCATION
453-458	592-593	WL-13	33' OFF LEFT
459-464		WL-14	29' UPSTAGE

Cable Drop #4 (SL)

20 AMP.	50 AMP.	WORK LIGHT	LOCATION
465-470	-	-	33' OFF LEFT
471-476			35'6" UPSTAGE

Cable Drop #5 (SL)

20 AMP.	50 AMP.	WORK LIGHT	LOCATION
477-482	-	-	33' OFF LEFT
483-488			44'6" UPSTAGE

OPERATING GALLERY (SL)

20 AMP.	50 AMP.	LOCATION
519-522	584B 585B	SL GALLERY

GALLERY (SR)

20 AMP.	50 AMP.	LOCATION
523-526	588B 589B	SR GALLERY

ORCHESTRA PIT

20 AMP.	50 AMP.	LOCATION
527-542	610-613	Pit

STAGE LEVEL

20 AMP.	50 AMP.	LOCATION
543-554	614	Down Stage Left
555-566	615	Down Stage Right
-	616-622	Up Stage Left
-	623-631	Up Stage Right

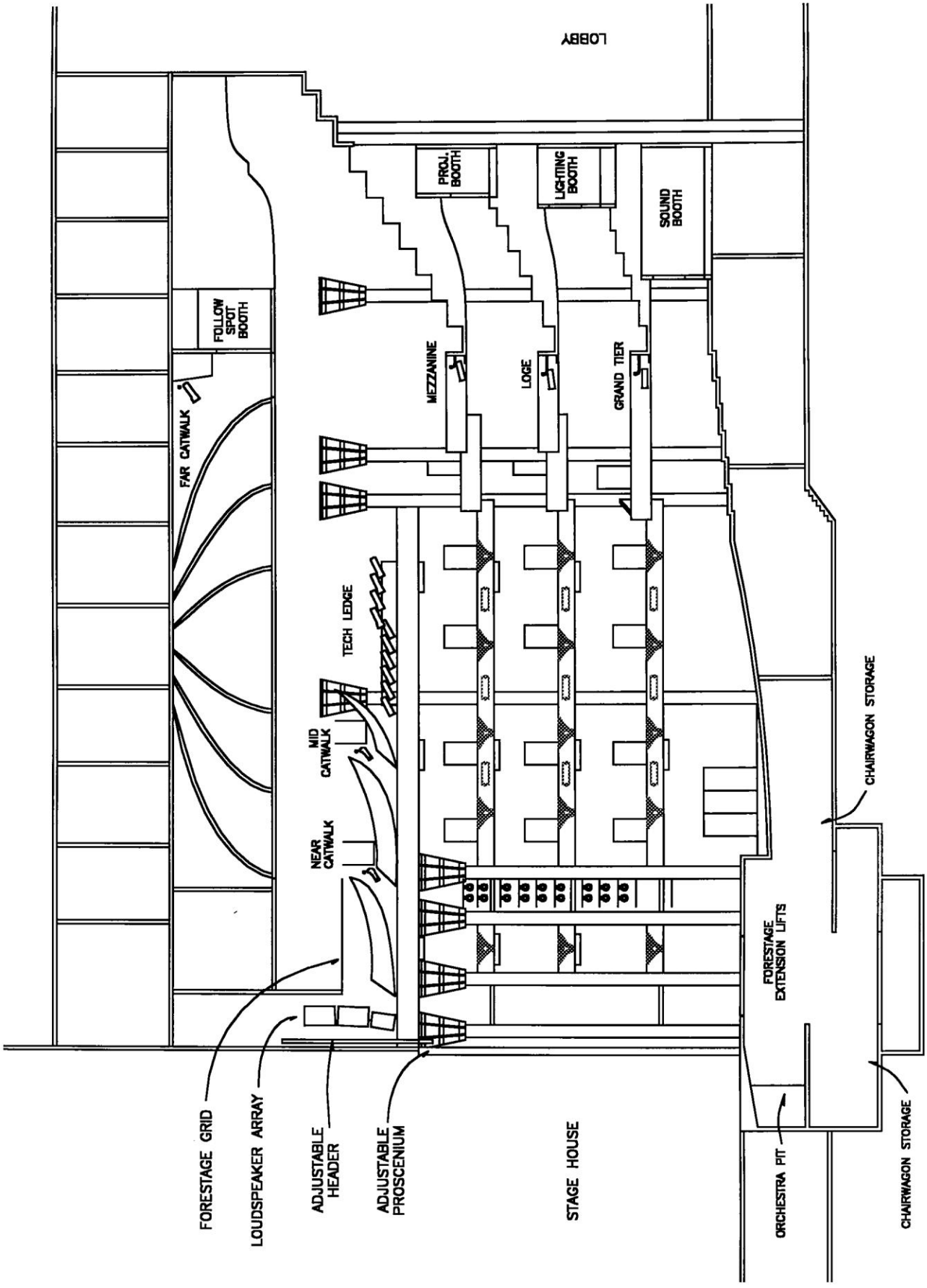
MISCELLANEOUS

20 AMP	50 AMP	LOCATION
632-667	668	House Lights
671-672, 681-694	673-680	Concert Lights

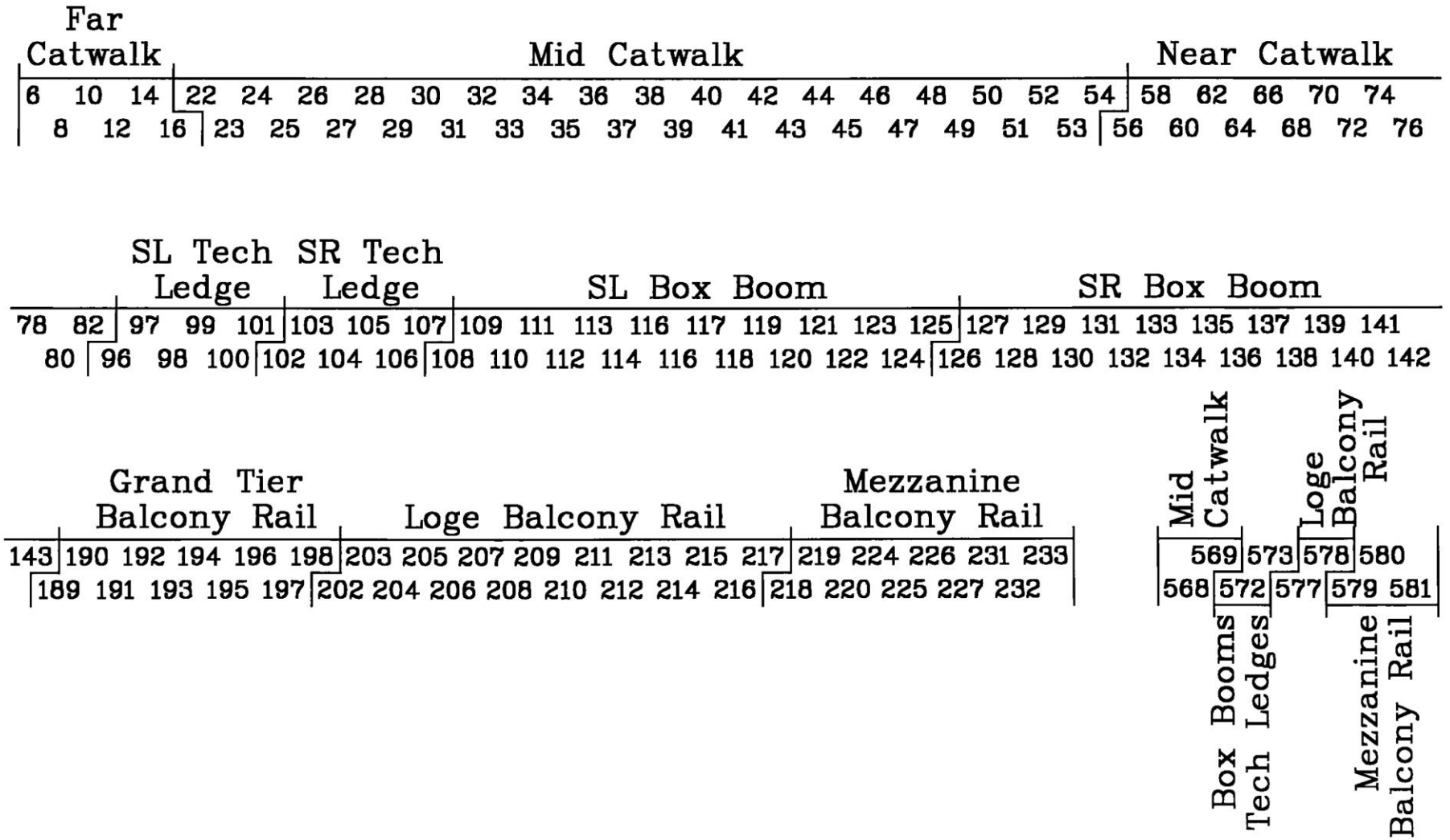
DIMENSIONAL INFORMATION

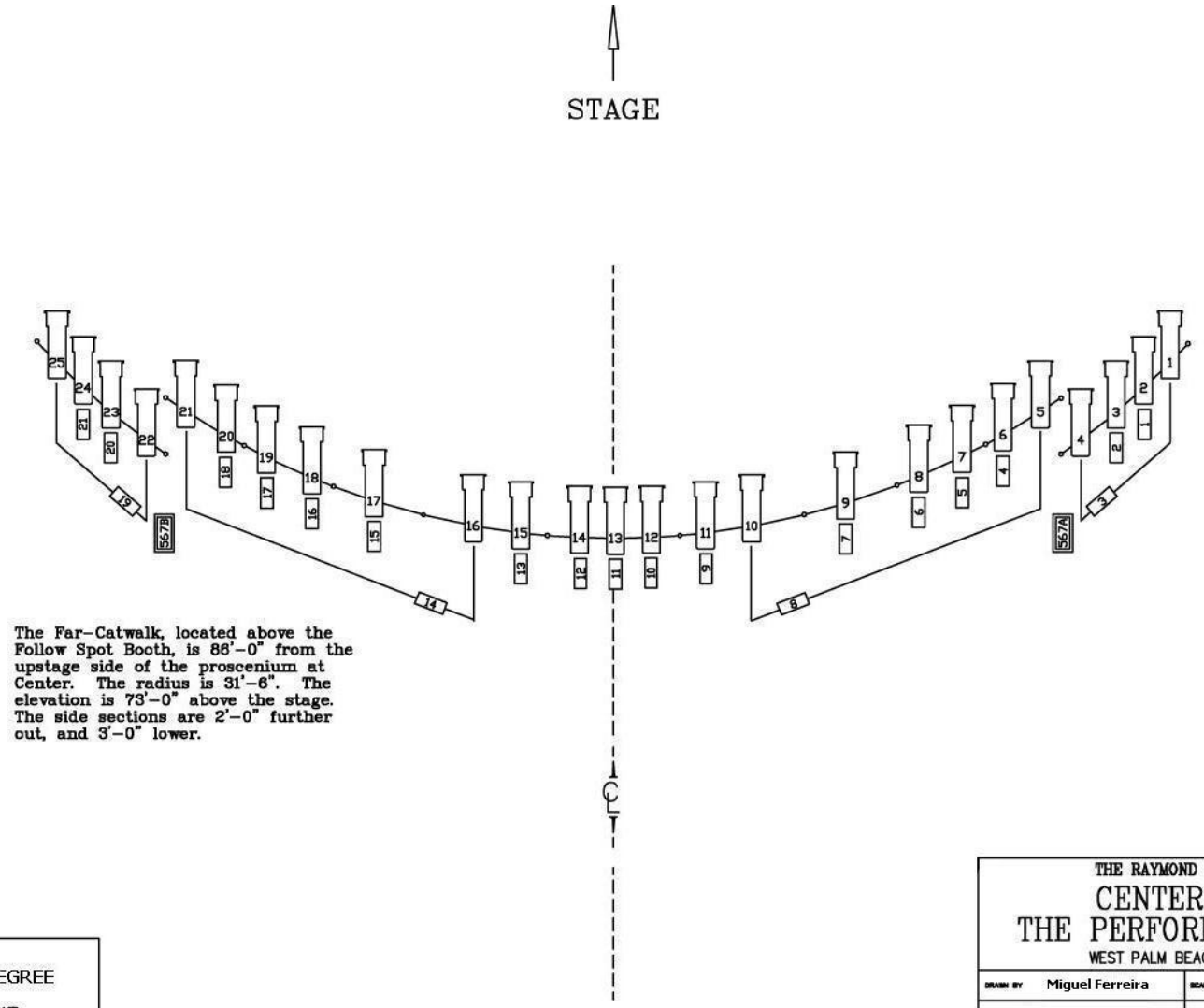
Measurements are from the Center Line at the upstage side of the proscenium to the centers of each position. Angles are measured up from the horizontal. Booth measurements are to the front edge of the booth floors.

Position	Horizontal Distance	Elevation	Throw	Throw Angle
Far Catwalk	86'-0"	73'-0"	112'-10"	40°
Mid Catwalk	40'-0"	50"-0"	64'-0"	51°
Near Catwalk	24'-0"	49'-0"	54'-7"	64°
Upper Balcony (Mezzanine)	90'-6"	39'-6"	98'-9"	24°
Center Balcony (Loge)	89'-6"	25'-6"	93'-1"	16°
Lower Balcony (Grand Tier)	89'-6"	13'-6"	90'-6"	9°
Actor's Boxes	14'-0"	21'-6", 32'-0", 38'-6" L & R of C & 42'-0"		
Box Booms	21'-0"	14'-0" to 40'-0"	41'-6" L & R of C	
Tech Ledge	46'-0" to 65'-0"	45'-0"	43'-0" L & R of C	
Follow Spot Booth	93'-0"	61'-0"	111'-2½"	33°
Projection Booth	113'-6"	32'-6"	118'-1"	16°
Lighting Booth	112'-0"	18'-0"	113'-5"	9°
Sound Booth	102'-6"	4'-6"	102'-7"	3°


LOBBY
PROJ. BOOTH
LIGHTING BOOTH
SOUND BOOTH
FOLLOW SPOT BOOTH
FAR CATWALK
MEZZANINE
LOGE
GRAND TIER
TECH LEDGE
MID CATWALK
NEAR CATWALK
CHAIRWAGON STORAGE
FORESTAGE EXTENSION LIFTS
FORESTAGE GRID
LOUDSPEAKER ARRAY
ADJUSTABLE HEADER
ADJUSTABLE PROSCENIUM
STAGE HOUSE
ORCHESTRA PIT
CHAIRWAGON STORAGE

FRONT OF HOUSE TRANSFER PANEL

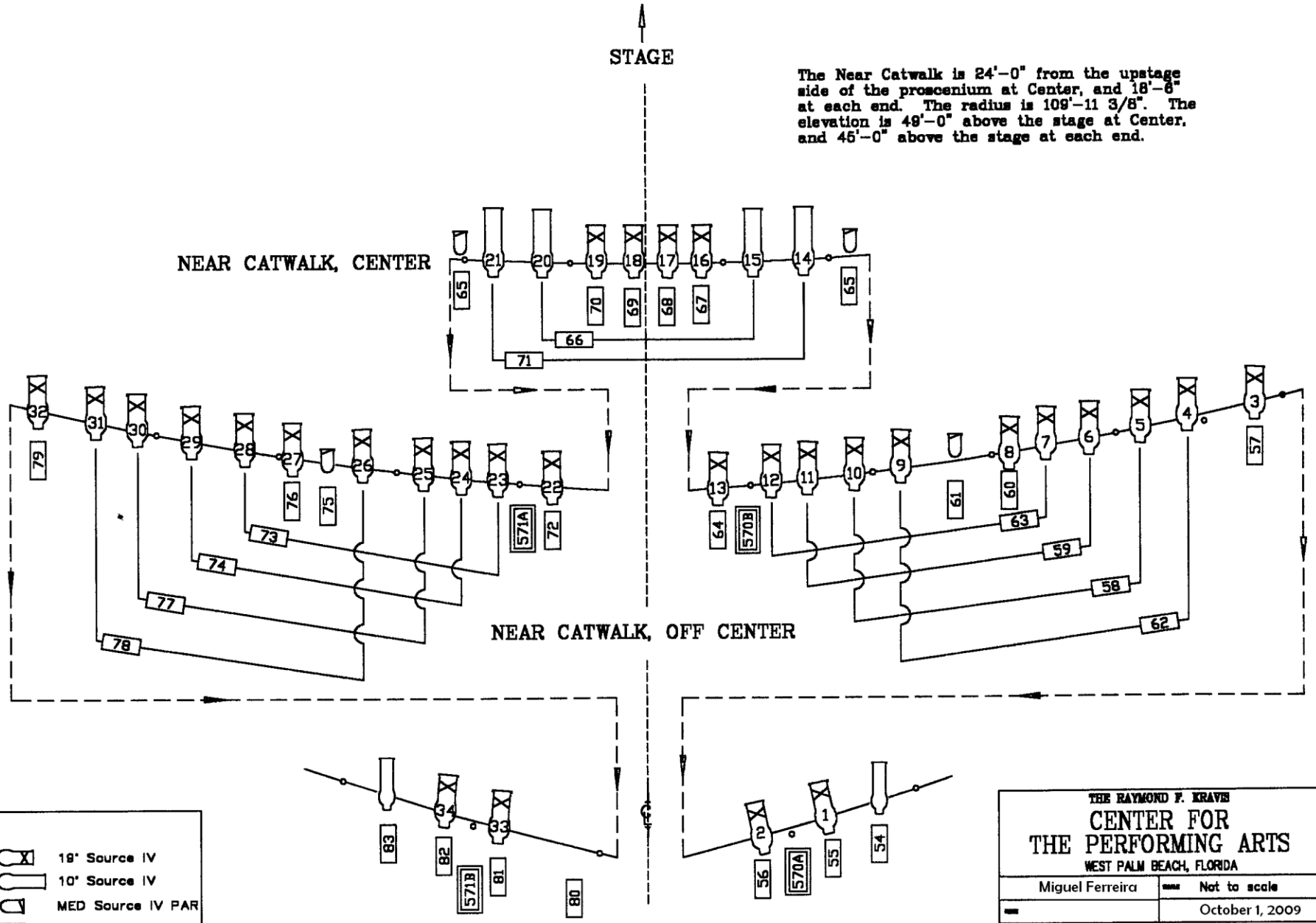


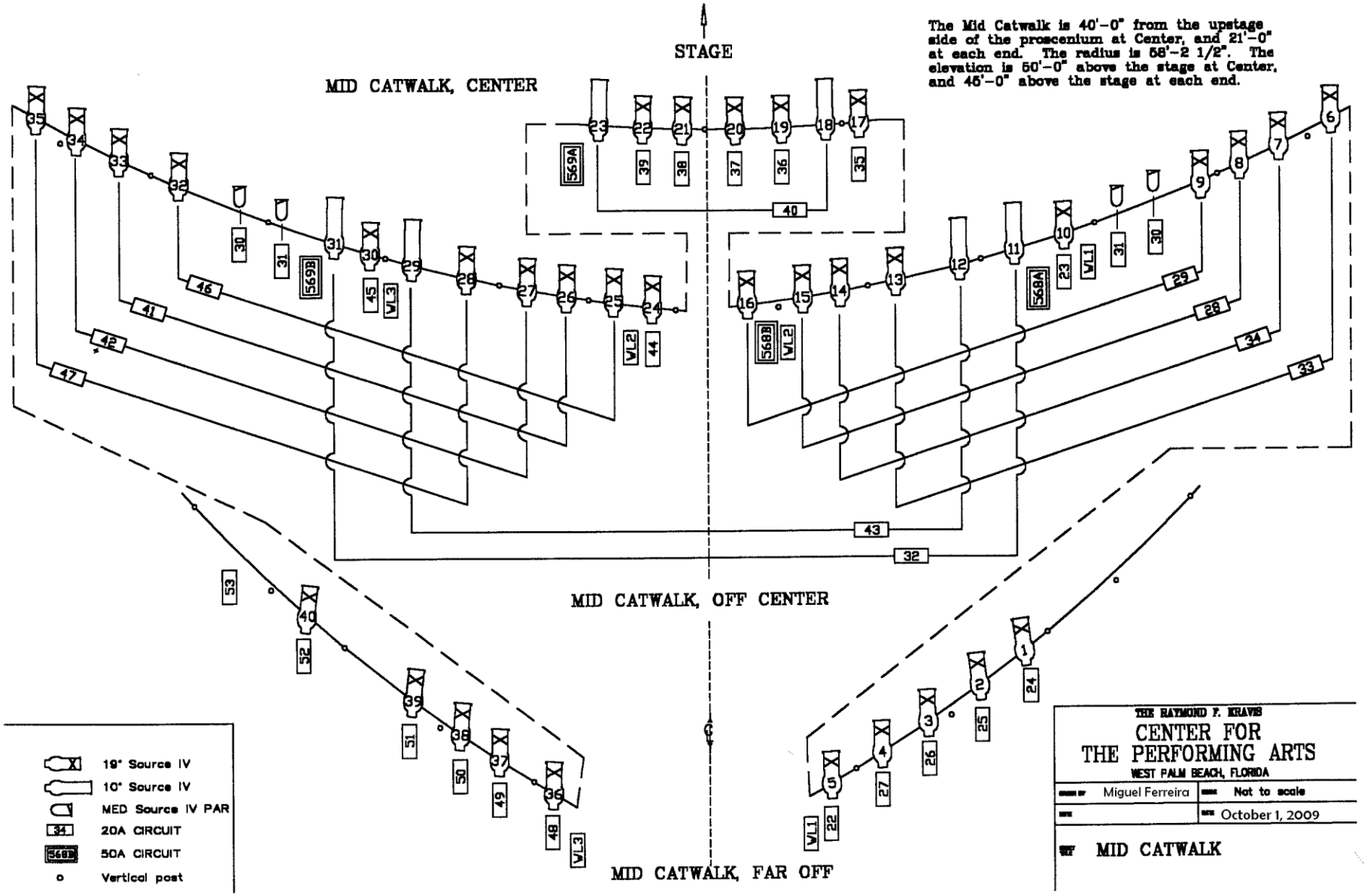


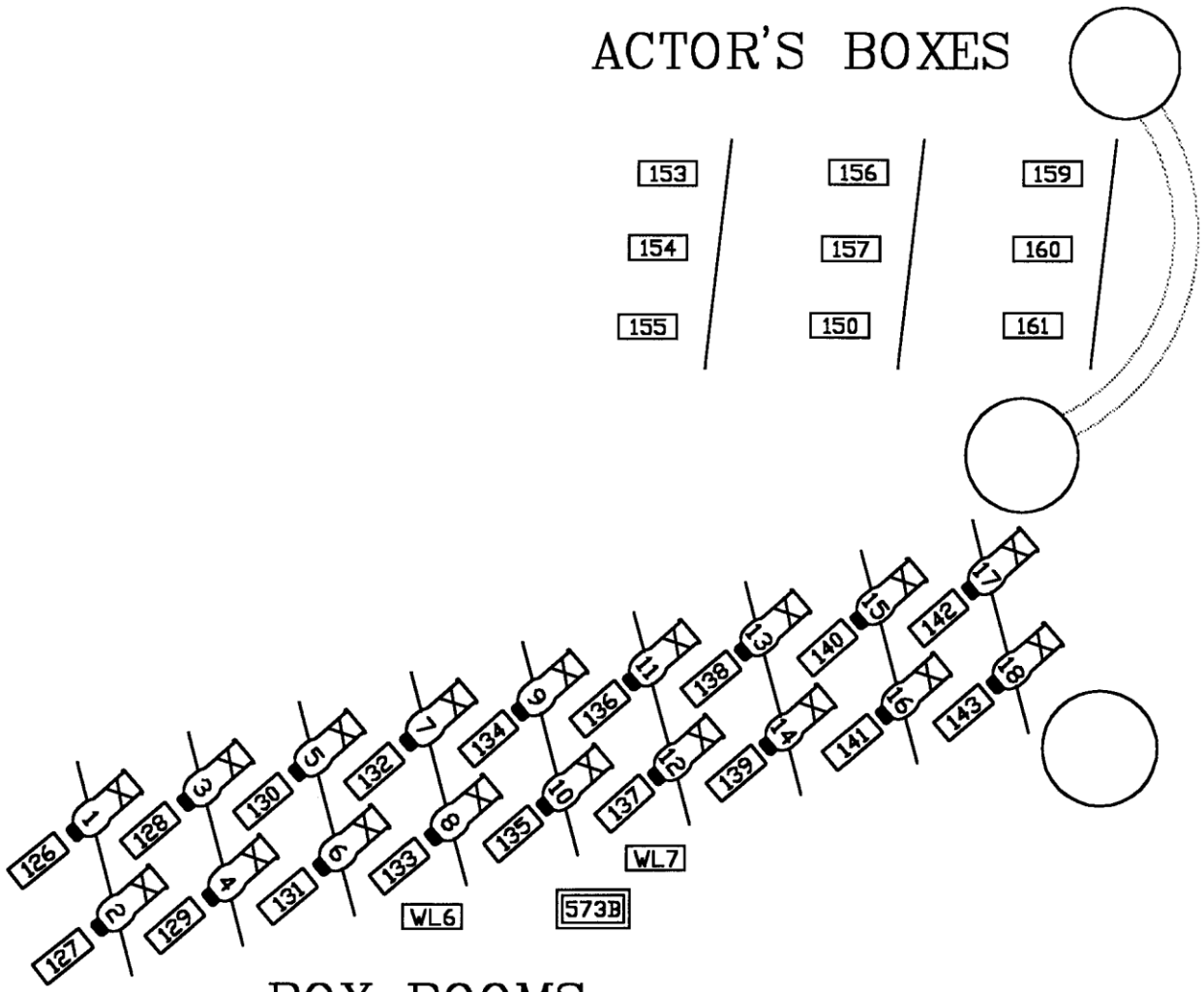
THE RAYMOND F. KRAVIS
CENTER FOR
THE PERFORMING ARTS
WEST PALM BEACH, FLORIDA

DRAWN BY	Miguel Ferreira	SCALE	Not to scale
NOTE		DATE	October 1, 2009

SHEET TITLE: FAR CATWALK


STAGE
The Near Catwalk is 24'-0" from the upstage side of the proscenium at Center, and 18'-6" at each end. The radius is 109'-11 3/8". The elevation is 49'-0" above the stage at Center, and 45'-0" above the stage at each end.
NEAR CATWALK, CENTER
NEAR CATWALK, OFF CENTER
NEAR CATWALK, FAR OFF
19° Source IV
10° Source IV
MED Source IV PAR
20A CIRCUIT
50A CIRCUIT
Vertical post
THE RAYMOND F. KRAVIS
CENTER FOR
THE PERFORMING ARTS
WEST PALM BEACH, FLORIDA
Miguel Ferreira
Not to scale
October 1, 2009
NEAR CATWALK


STAGE
MID CATWALK, CENTER
The Mid Catwalk is 40'-0" from the upstage side of the proscenium at Center, and 21'-0" at each end. The radius is 58'-2 1/2". The elevation is 50'-0" above the stage at Center, and 45'-0" above the stage at each end.
MID CATWALK, OFF CENTER
MID CATWALK, FAR OFF
19° Source IV
10° Source IV
MED Source IV PAR
20A CIRCUIT
50A CIRCUIT
Vertical post
THE RAYMOND F. KRAVIS
CENTER FOR
THE PERFORMING ARTS
WEST PALM BEACH, FLORIDA
Miguel Ferreira
Not to scale
October 1, 2009
MID CATWALK



The Center of the Actor's Box locations is 14'–0" from the upstage side of the proscenium. They are 38'–6" left & right of Center. The elevations are 21'–6", 32'–0" & 42'–0" above the stage.

The Center of the Box Booms is 21'–6" from the upstage side of the proscenium. They are 41'–6" left and right of Center. The elevations range from 14'–0" to 40'–0" above the stage.

X Source IV 19°

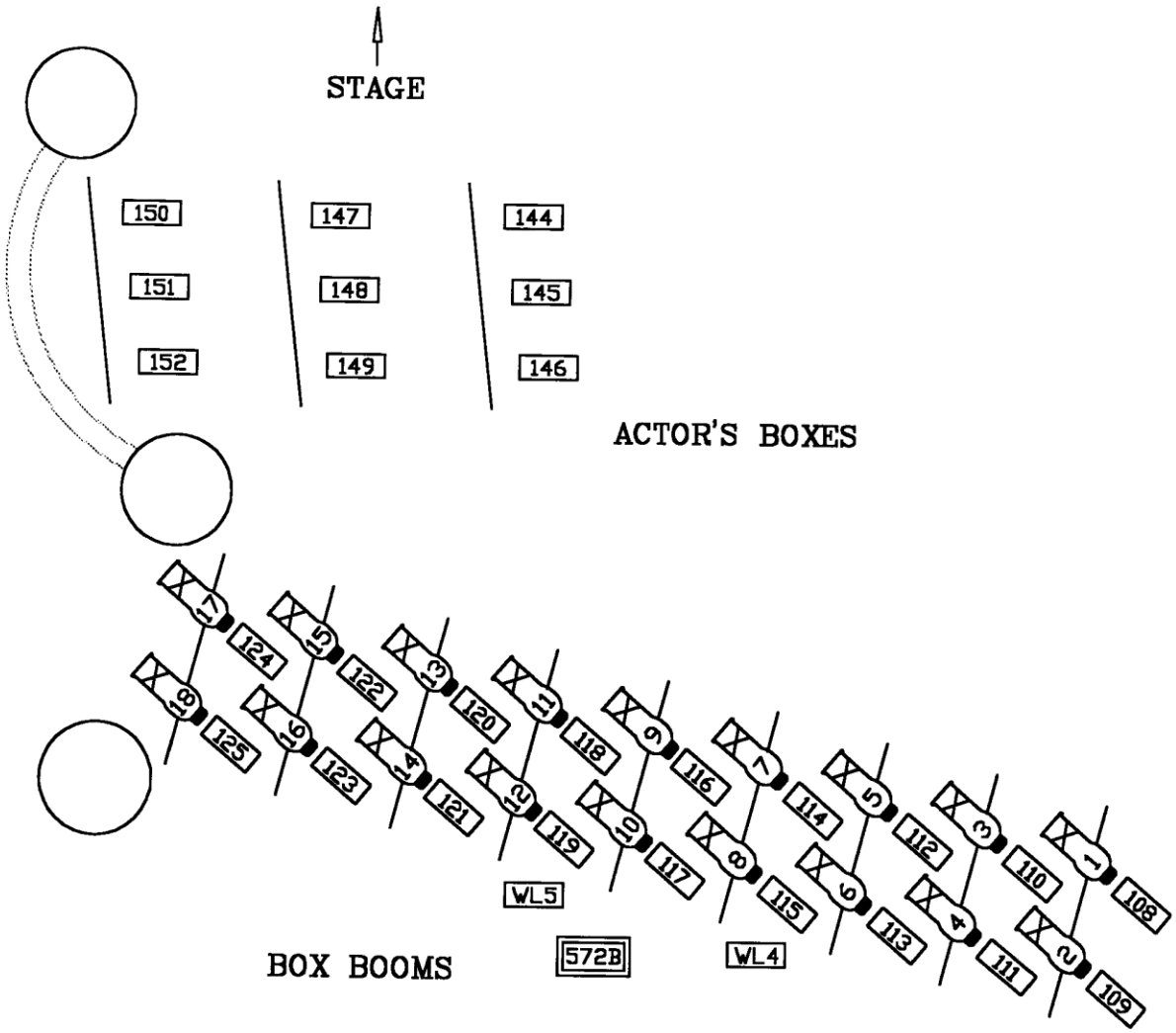
108 20A CIRCUIT

575 50A CIRCUIT

THE RAYMOND F. KRAVIS
CENTER FOR
THE PERFORMING ARTS
WEST PALM BEACH, FLORIDA

Miguel Ferreira	Not to scale
	October 1, 2009

BOX BOOMS & BOXES
STAGE RIGHT



The Center of the Actor's Box locations is 14'–0" from the upstage side of the proscenium. They are 38'–6" left & right of Center. The elevations are 21'–6", 32'–0" & 42'–0" above the stage.

The Center of the Box Booms is 21'–6" from the upstage side of the proscenium. They are 41'–6" left and right of Center. The elevations range from 14'–0" to 40'–0" above the stage.

X SOURCE IV 19°

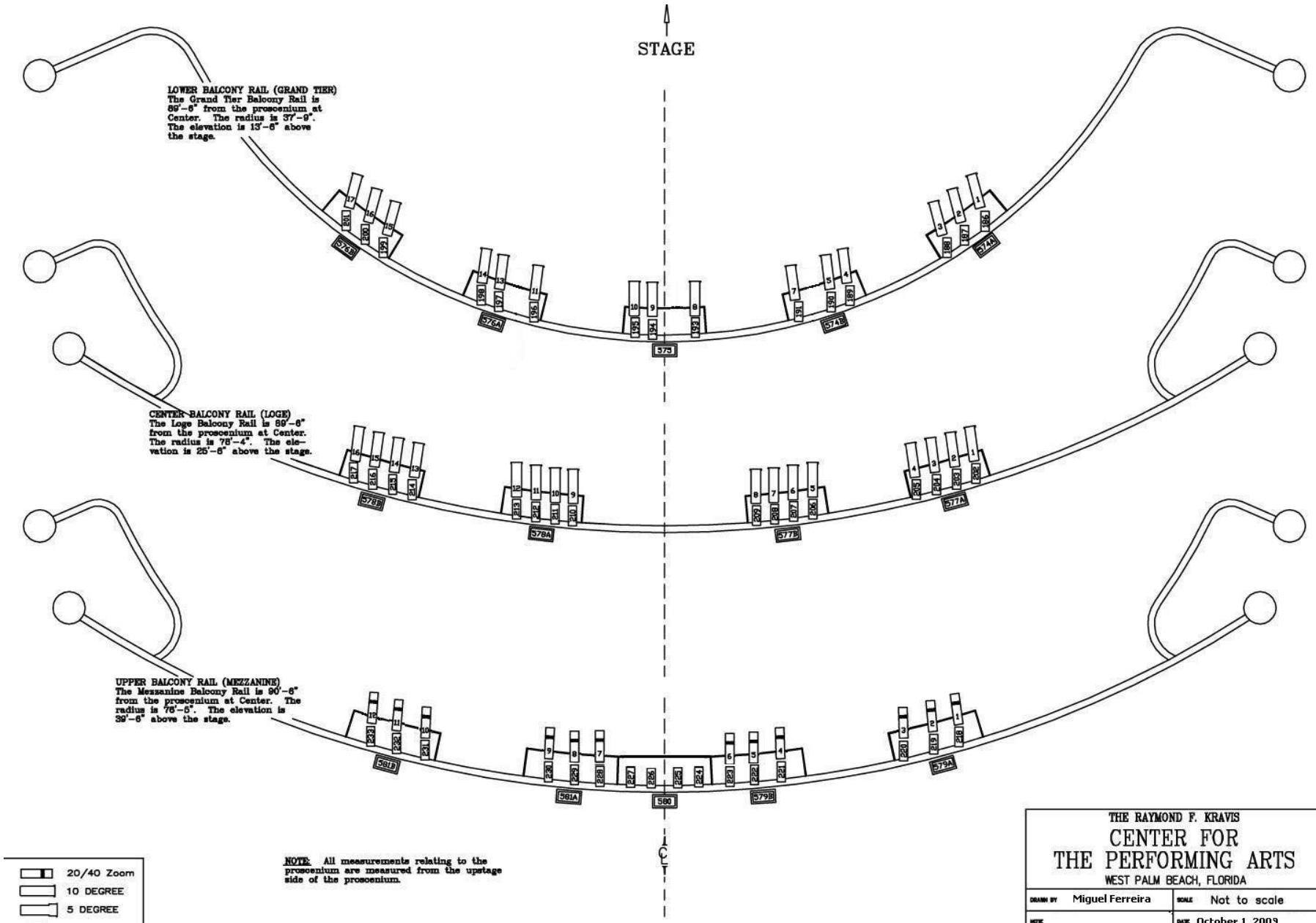
108 20A CIRCUIT

575 50A CIRCUIT

THE RAYMOND F. KRAVIS
CENTER FOR
THE PERFORMING ARTS
WEST PALM BEACH, FLORIDA

Miguel Ferreira	Not to scale
	October 1, 2009

BOX BOOMS & BOXES
STAGE LEFT

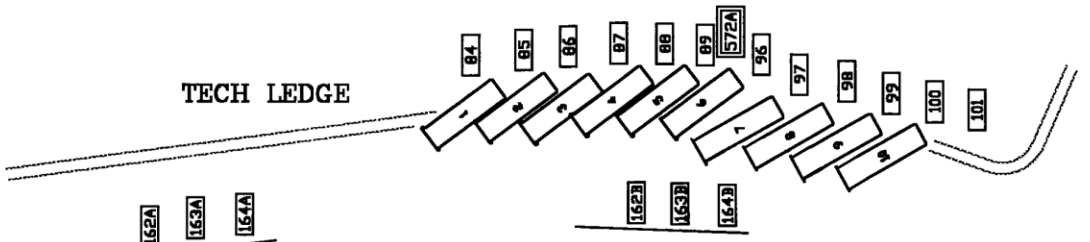


THE RAYMOND F. KRAVIS
CENTER FOR
THE PERFORMING ARTS
WEST PALM BEACH, FLORIDA

DRAWN BY Miguel Ferreira	SCALE Not to scale
NOTE	DATE October 1, 2009

SHEET TITLE: BALCONIES

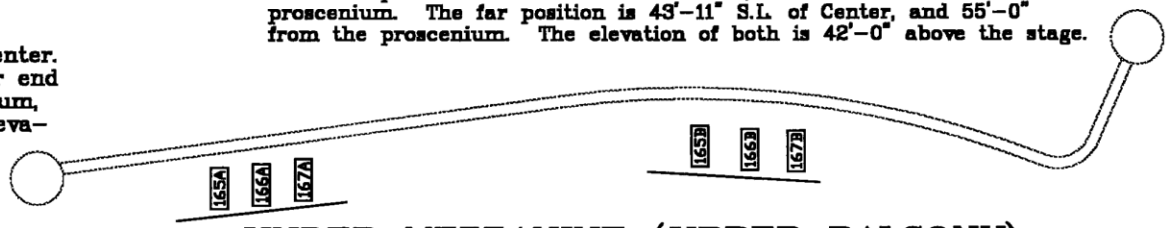
10 DEGREE
102 20A CIRCUIT
547A 50A CIRCUIT



UNDER TECH LEDGE

The near position is 42'–0" S.L. of Center, and 34'–0" from the proscenium. The far position is 43'–11" S.L. of Center, and 55'–0" from the proscenium. The elevation of both is 42'–0" above the stage.

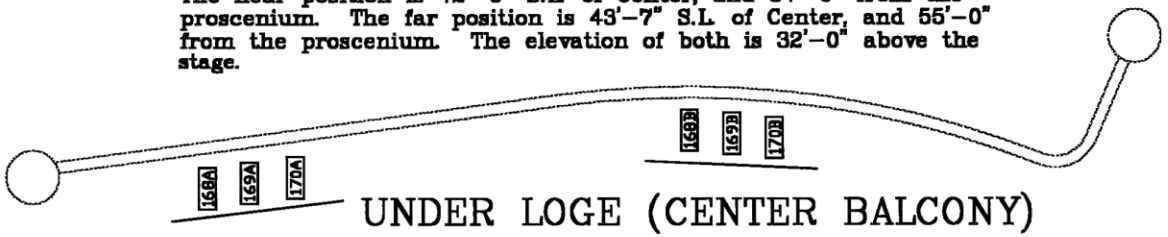
The Tech Ledge is 43'–0" S.L. of Center. Its radius is also 43'–0". The near end measures 46'–0" from the proscenium, and the far end is 65'–0". The elevation is 45'–0" above the stage.



UNDER MEZZANINE (UPPER BALCONY)

The near position is 42'–0" S.L. of Center, and 34'–0" from the proscenium. The far position is 43'–7" S.L. of Center, and 55'–0" from the proscenium. The elevation of both is 32'–0" above the stage.

← STAGE

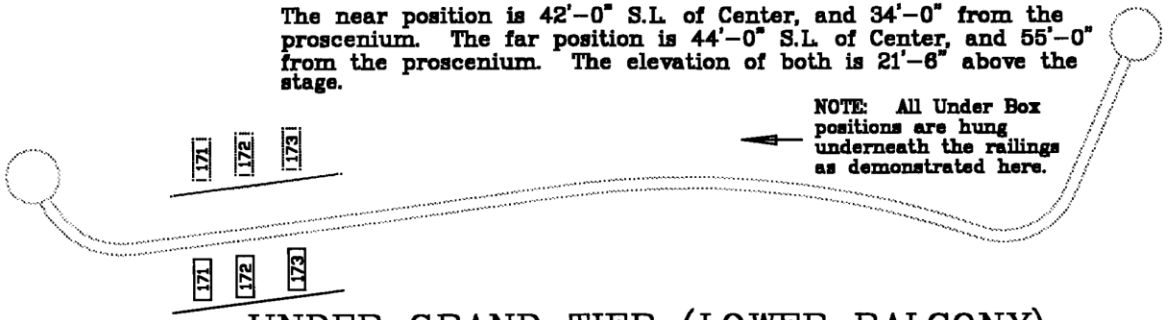


UNDER LOGE (CENTER BALCONY)

The near position is 42'–0" S.L. of Center, and 34'–0" from the proscenium. The far position is 44'–0" S.L. of Center, and 55'–0" from the proscenium. The elevation of both is 21'–6" above the stage.

NOTE: All Under Box positions are hung underneath the railings as demonstrated here.

NOTE: All measurements are taken from the center of each hanging position unless otherwise noted. All measurements relating to the proscenium are measured from the upstage side of the proscenium.



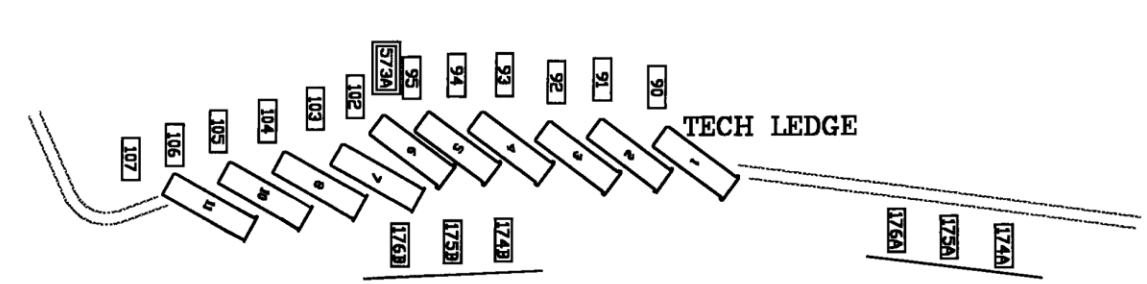
UNDER GRAND TIER (LOWER BALCONY)

This position is 38'–0" S.L. of Center, and 34'–0" from the proscenium. The elevation is 10'–0" above the stage.

THE RAYMOND F. KRAVIS
CENTER FOR
THE PERFORMING ARTS
WEST PALM BEACH, FLORIDA

DRAWN BY Miguel Ferreira	SCALE Not to scale
DATE	DATE October 1, 2009

SHEET TITLE TECH LEDGE AND UNDER BOX SEATS S.L.

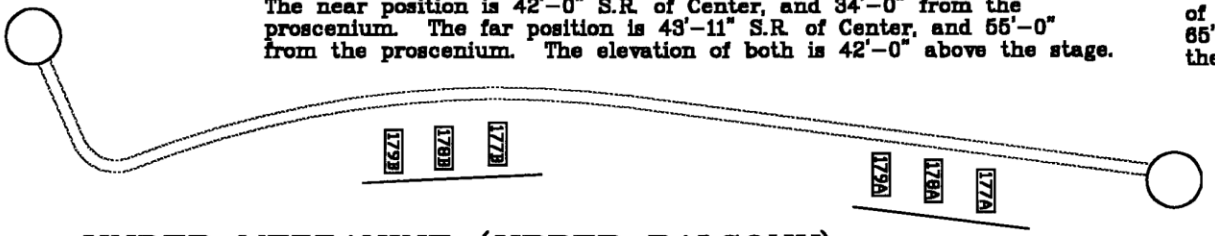


10 DEGREE
102 20A CIRCUIT
345A 50A CIRCUIT

UNDER TECH LEDGE

The near position is 42'–0" S.R. of Center, and 34'–0" from the proscenium. The far position is 43'–11" S.R. of Center, and 55'–0" from the proscenium. The elevation of both is 42'–0" above the stage.

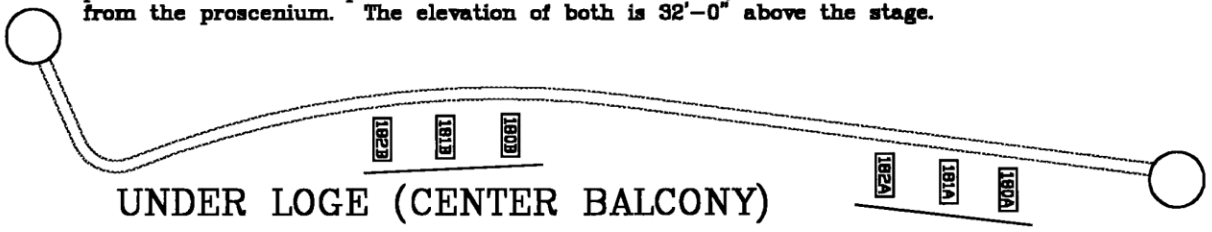
The Tech Ledge is 43'–0" S.R. of Center. Its radius is also 43'–0". The near end measures 46'–0" from the upstage side of the proscenium, and the far end is 65'–0". The elevation is 45'–0" above the stage.



UNDER MEZZANINE (UPPER BALCONY)

The near position is 42'–0" S.R. of Center, and 34'–0" from the proscenium. The far position is 43'–7" S.R. of Center, and 55'–0" from the proscenium. The elevation of both is 32'–0" above the stage.

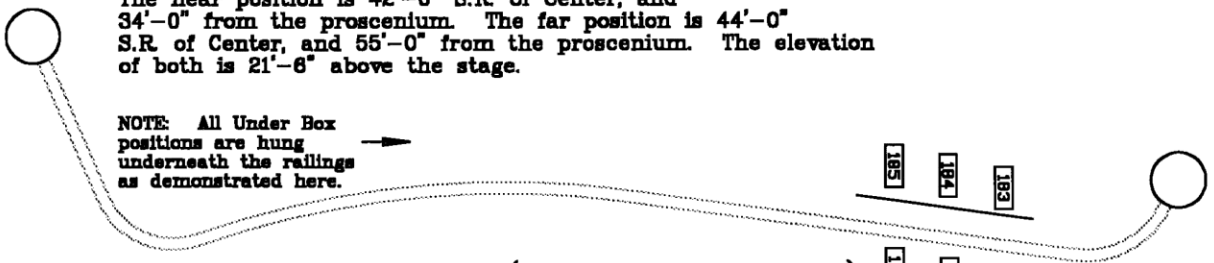
STAGE ⟶



UNDER LOGE (CENTER BALCONY)

The near position is 42'–0" S.R. of Center, and 34'–0" from the proscenium. The far position is 44'–0" S.R. of Center, and 55'–0" from the proscenium. The elevation of both is 21'–6" above the stage.

NOTE: All Under Box positions are hung underneath the railings as demonstrated here. ⟶



UNDER GRAND TIER (LOWER BALCONY)

This position is 38'–0" S.R. of Center and 34'–0" from the proscenium. The elevation is 10'–0" above the stage.

NOTE: All measurements are taken from the center of each hanging position unless otherwise noted. All measurements relating to the proscenium are measured from the upstage side of the proscenium.

THE RAYMOND F. KRAVIS
CENTER FOR
THE PERFORMING ARTS
WEST PALM BEACH, FLORIDA

DRAWN BY Miguel Ferreira	SCALE Not to scale
DATE	DATE October 1, 2009

SHEET TITLE: TECH LEDGE AND UNDER BOX SEATS S.R.

SOUND and COMMUNICATION SYSTEMS

HOUSE FOH CONSOLE: AVID S6L-32D 96 Channels with E6L-192 Engine, (2) AVB Cards, (4) DSP Cards, 1HDX card, 1WSG-HD card and Waves Extreme Server Version 14. Console has 4-Band fully Parametric EQ on all channels and Effects Libraries. House and Monitor consoles are independent and have separate snake heads and Gain control. There is an Analog split snake on S/L to feed both snake systems. Consoles are connected via Fiber to Snake Heads.

SOURCE GEAR:

(2) Tascam 500B CD Players
(1) Denon USB-SD Recorder/Player
(3) Radial USB Pro DI's for Laptops

SMAARTLIVE Version 9 RTA & Optimization Control System
QLAB Version 5 Audio, Video Playback

Mix position is located in the center at the rear of the Orchestra Level.

MONITOR CONSOLE: AVID S6L-32D 96 Channels with E6L-192 Engine, (2) AVB Cards, (4) DSP Cards, (1) HDX card, (1) WSG-HD card and Waves Extreme Server Version 14. Consoles are connected via Fiber to Snake Heads.

(16) EAW SM 200 Biamp monitors
(2) EAW KF 650 Side fill tops
(2) EAW SB 600 Side fill subs
(4) FOH Passive mixes with graphic EQ's from FOH Console
(2) Channels of Crest 3-way side fill mixes
(16) Channels of Powersoft K2's with DSP 2 way mixes (plus a separate CUE Mix amp)

SPEAKER CONFIGURATION:

The House has a center cluster, stereo clusters; front fill system, balcony fill system, under balcony fill system, box seat fill system and a concert announce system. All processing power controlled by Meyer Sound Galaxy 816 Processors

The Center Cluster consists of (4) Meyer Sound ULTRA-X82 Milan and (1) Meyer Sound ULTRA-X40 GEN-1.

The Left and Right Clusters consist of (24) Meyer Sound TIGRA and (10) Meyer Sound 1800-LFC flown subwoofers.

The Front Fill system consists of (8) Meyer Sound UP-4slim. EQ for the Front Fill system is from the FOH Console.

The Box Seat and Lobby Fill System consists of (66) Meyer UP-4 Slim and (3) Ultra- X40 GEN 1, providing full coverage of the audience chamber. (2) Ultra X22XP to be installed.

MAIN SNAKE ONE: AVID S6L Consoles:
The system has a 96 channel Analog input snake with a 96 channel Monitor split (non-ISO) that feeds to Separate Avid snake heads for FOH and Monitors. This Monitor Split is Downstage Left

MAIN SNAKE TWO: In storage, only used as needed.
The system has a Whirlwind Mass WL-4 54 input channel snake with an isolated 54 Channel x 50' monitor split downstage left.

PATCHABLE DRY LINES: 24 SL to SR, 12 SL to FOH, 24 from FOH to Amp Room, 6 SL to Spot Booth, 4 FOH to Lighting Booth, 6 FOH to Projection Booth, 2 FOH to Spot Booth.

CAT 5 SNAKE: We also have a 4 Channel Cat 5 Ethercon snake running from FOH to Pit, able to reach either side of down stage through mouse holes.

Note: All inventory is subject to availability. Contact Kravis Technical Department for information.

DirectOut Technologies Prodigy-MP as the central audio processing and routing platform
--Includes the following I/O cards/breakouts:

Audio Processor	DirectOut Technologies Prodigy-MP Unlimited	1
I/O card - AVB	DirectOut Technologies MILAN.IO	1
I/O card - Dante SRC	DirectOut Technologies DANTE.SRC.IO	1
I/O card - AES	DirectOut Technologies AES4.SRC.IO	1
I/O card - Analog	DirectOut Technologies AN8.IO-MKII	2
Breakout box - AES	DirectOut Technologies BREAKOUT.AES	1
Breakout box - analog in	DirectOut Technologies BREAKOUT.AN16I	1
Breakout box - analog out	DirectOut Technologies BREAKOUT.AN16O	1
Universal clock & reference generator		1
Console card - AVB	AVID MLN-192	1

MICROPHONES:

(10) Shure SM 58
(15) Shure SM 57
(5) Shure Beta 87
(6) Shure Beta 58
(2) Shure Beta 57
(1) Shure SM 91
(1) Beta 91
(1) Beta 91A
(2) Shure Beta 52-A
(2) Shure SM 67A
(4) Shure KSM 27
(8) Crown PCC 160
(2) Crown PZM-6RB
(8) Shure Beta 98 with drum hardware
(8) Sennheiser MD 421
(8) Sennheiser e906
(2) Sennheiser e901
(4) Sennheiser e604
(5) Beyer M88
(3) AKG C-414B-US
(5) AKG C747
(2) AKG 451
(5) AKG 414 P48
(12) Neumann KM184
(2) Neumann 105
(5) AKG SE 300B CK91
(4) Schoepps CMC6 MK22
(4) Shure SM81
(1) DPA 5100 Surround Mic
(2) Schoepps CMIT-5u Shotgun Mics
(7) Audio Technica U853R {Choir microphones}
(24) DPA4099 Classic Series with clips & mounts

WIRELESS MIROPHONES:

(24) Point Source Omni, Over Ear
(4) DPA 4080 Lavalier Mics
(2) Shure UR Beta 87A Capsules
(6) Shure UR SM58 Capsules
(2) Shure SM58 Capsules
(6) Shure KSM9 Capsules
(5) Shure Beta 58 Capsules

DIRECT INPUTS:

(9) Countryman Type 85 DI's
(11) Radial Pro D2 DI's (stereo passive)
(9) Radial J48 DI's
(1) Radial Pro AV DI
(2) BSS Audio AR133 DI's
(1) Radial USB Pro DI

HEARING ASSISTANCE SYSTEM:

LISTEN Technologies AURI - 160 units

HEADSET COMMUNICATION SYSTEM: (GREEN-GO Communication System)

A 4 channel Clear-Com system is installed throughout the building.
A stage house technical area P. A. Each system operates independently or in any combination.
Full program monitoring and paging functions throughout backstage and dressing rooms.

CUE LIGHT SYSTEM:

Four-circuit cue light system, operable from the stage manager's console DSR, sending to the operating gallery and one circuit from DSR to the orchestra pit.

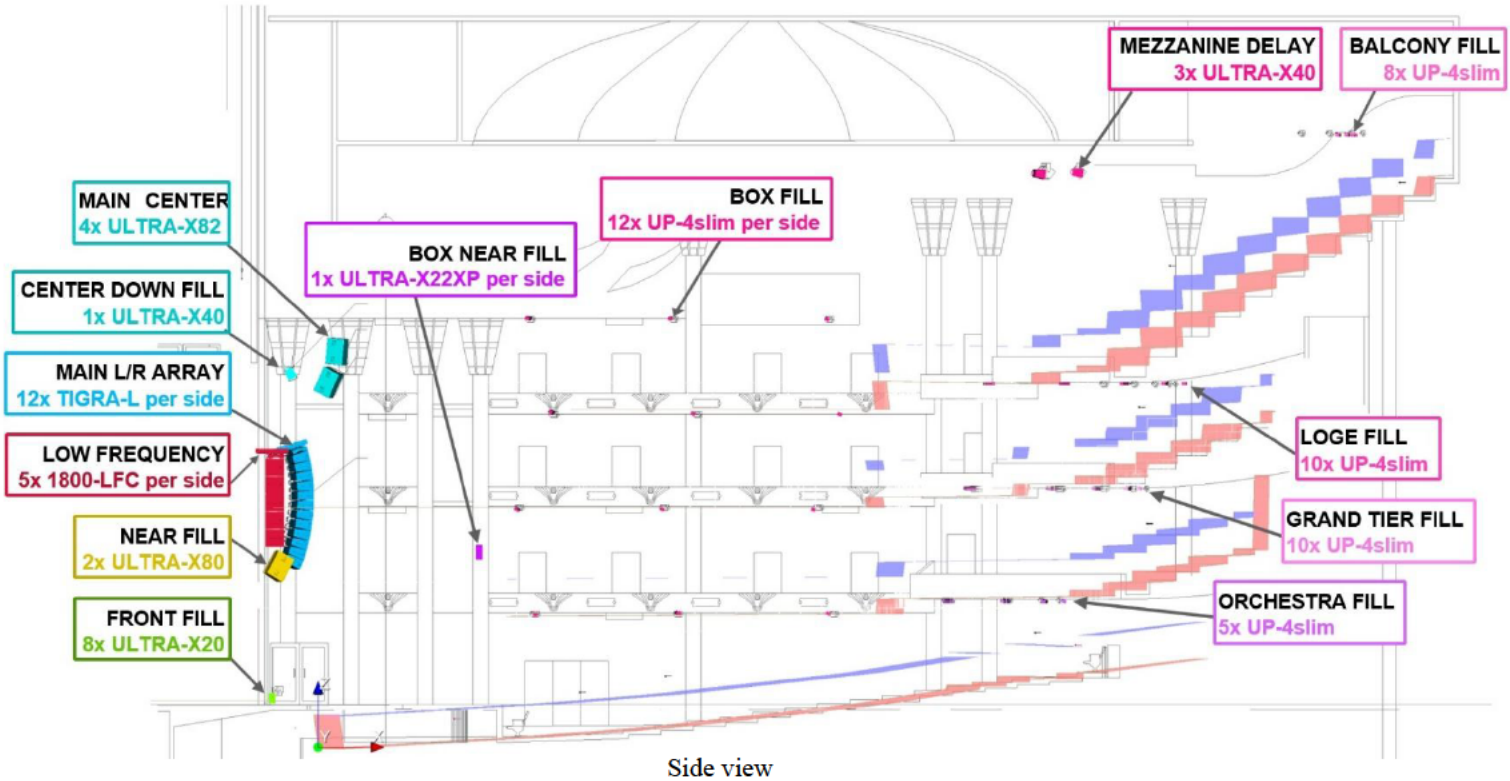
VIDEO MONITORING SYSTEM:

Program monitoring of the stage by one CCD digital video camera mounted on the first tier balcony center lighting position and another mounted in the orchestra pit for monitoring the conductor are available for distribution throughout the stage, technical support areas and dressing rooms.

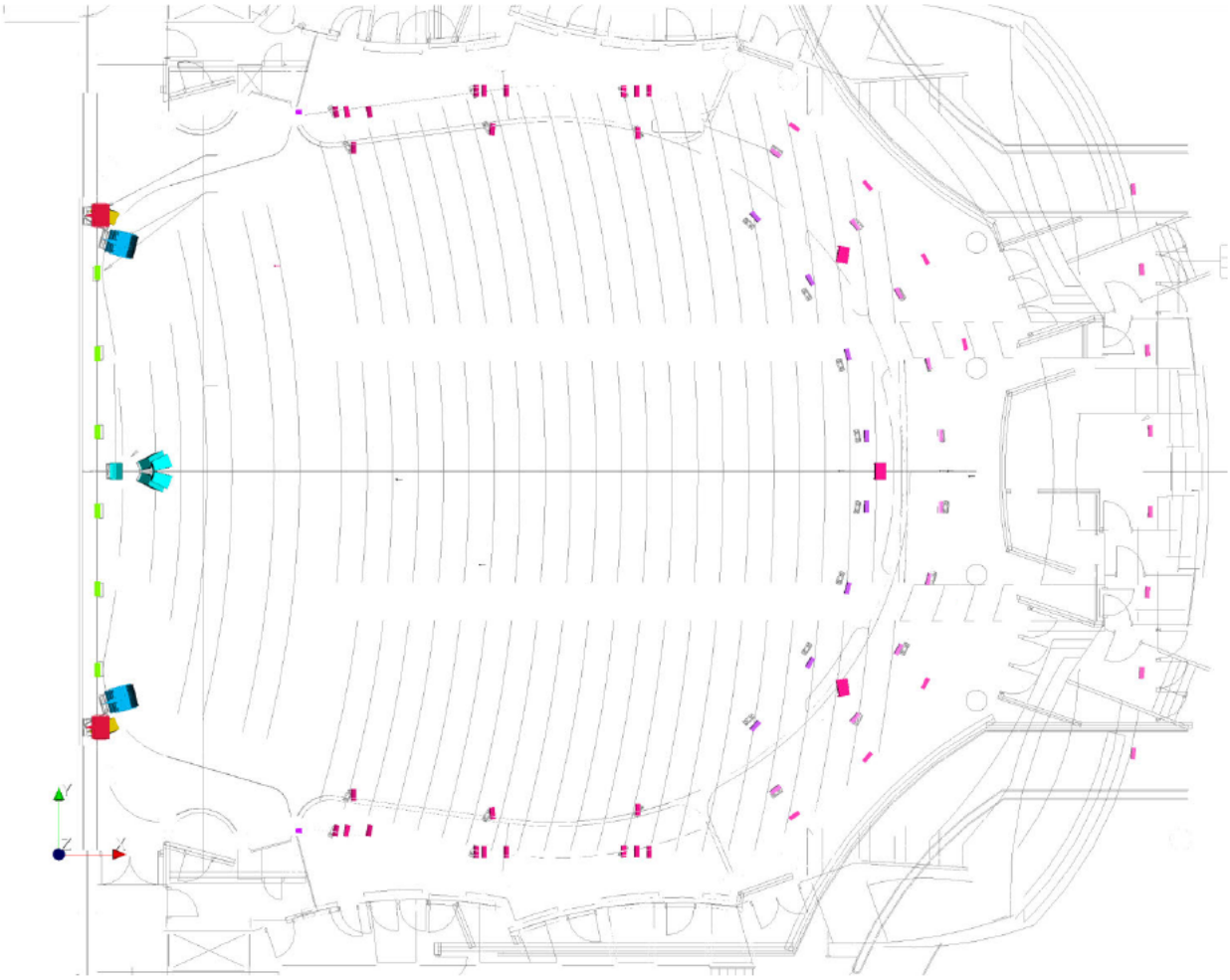
STAGE MANAGERS CONSOLE AND LECTURNS:

Clock/Timer
Audience Recall
GREEN-GO master station
Paging System (Backstage & Lobbies, as well as Control Rooms)
Stage & Conductor 9" Video Monitors
Stage/House Announce
(1) Cue light switch to Orchestra Pit
(4) Cue light switches to Operating Gallery
(1) Cue light switch spare
(2) Matching Dalite pedestal lecterns with microphones

LOUDSPEAKER LOCATIONS:

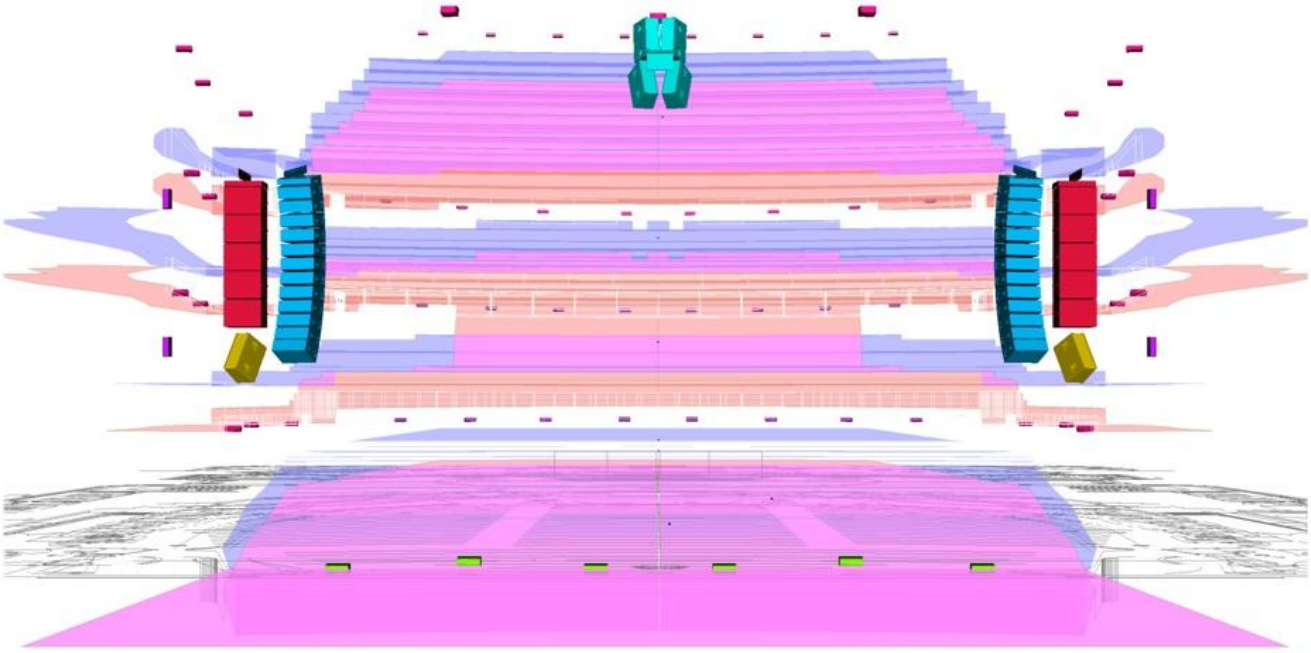


Side view

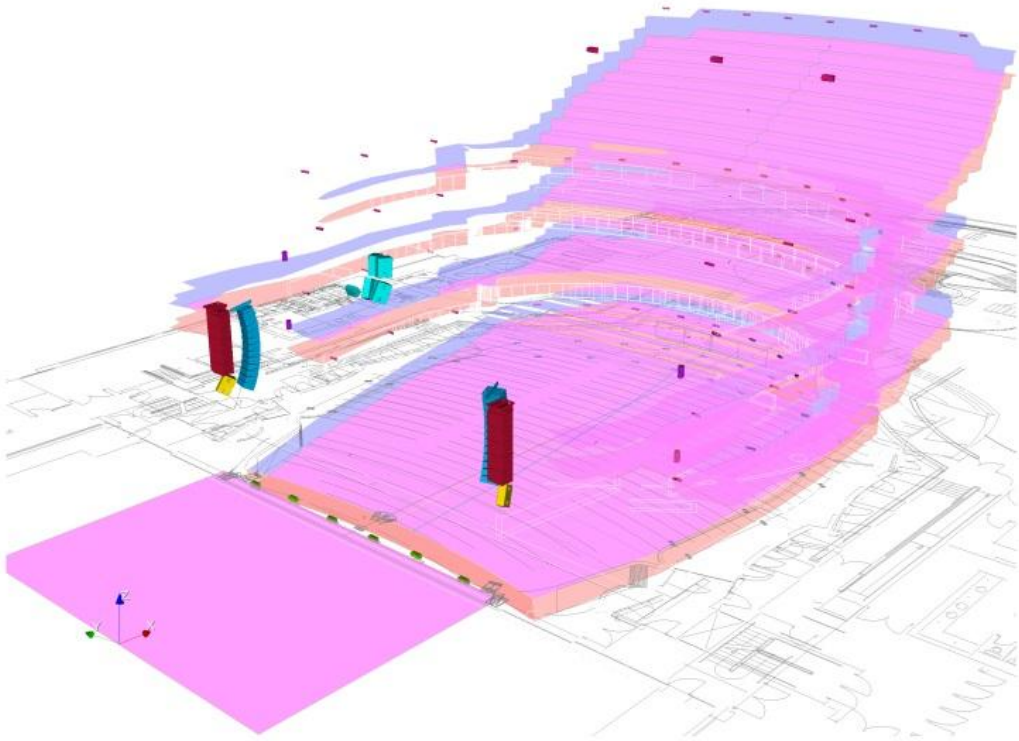


Plan view

LOUDSPEAKER LOCATIONS:



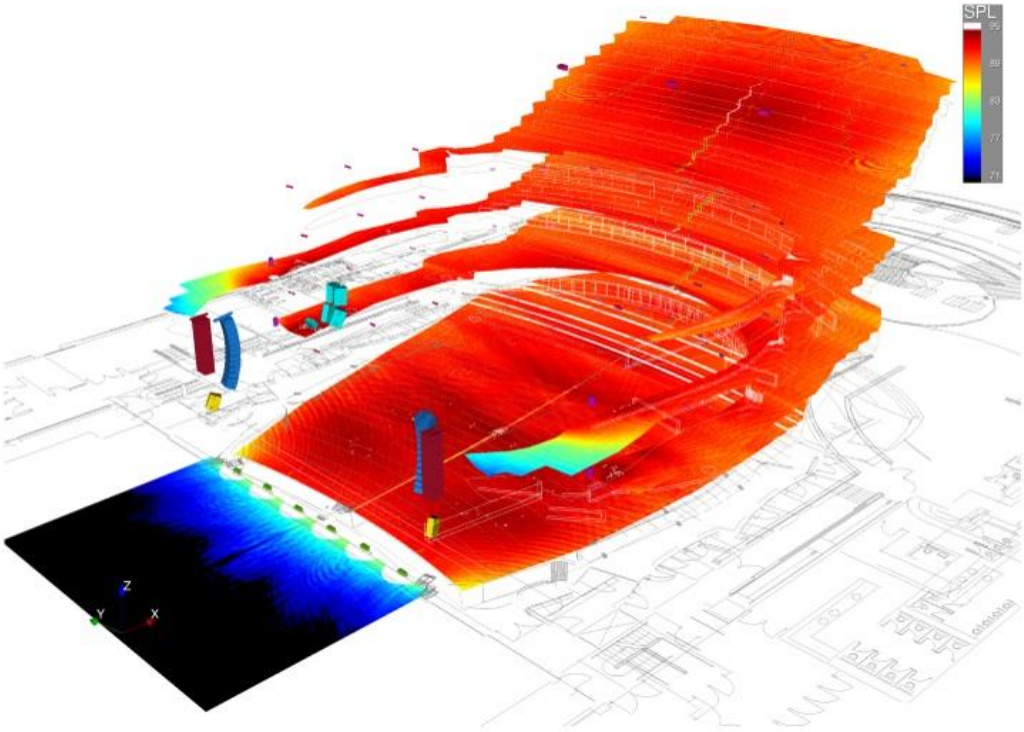
Stage Perspective



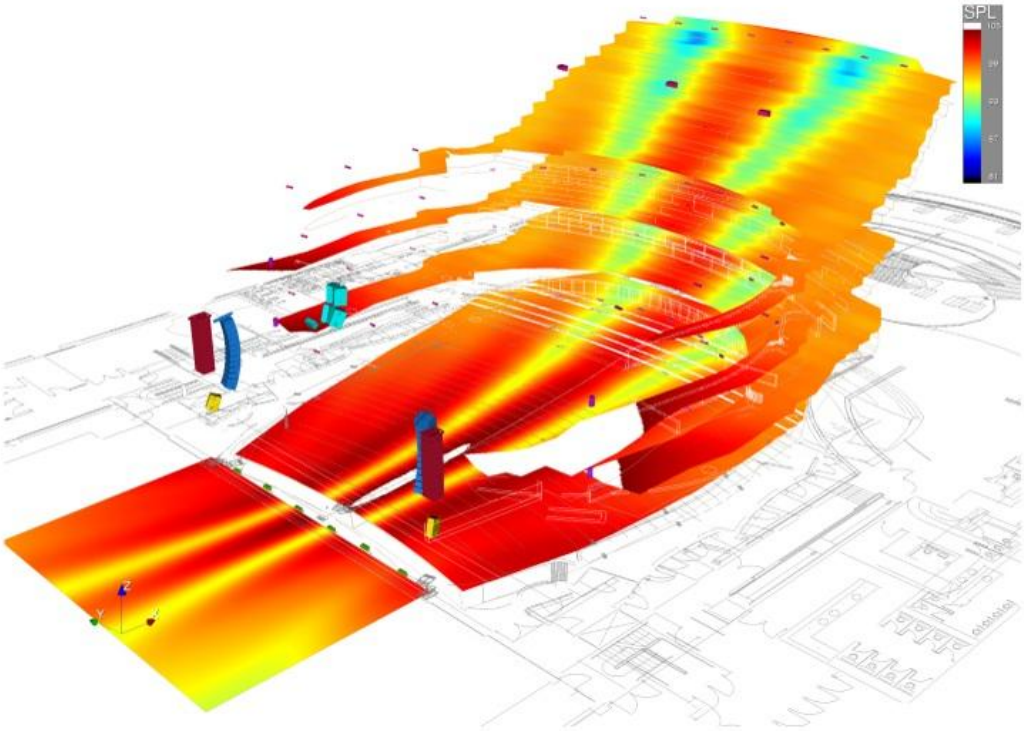
Isometric Perspective

SPL COVERAGE AND UNIFORMITY:

Loudspeaker system dispersion and resulting interactions are mapped over audience geometry using MAPP 3D acoustic prediction software, illustrating SPL variance and design uniformity at stated bandwidth and center frequency.



L/R Main Arrays with all Delay and Fill
4 kHz • 1 Octave • Free Field • Full Resolution



Left/Right Main Low Frequency Arrays
63 Hz • 1 Octave • Rear Wall • Full Resolution

ORCHESTRA AND DANCE EQUIPMENT

RISERS & PLATFORMS

(24) Wenger Versalite 3000 Platforms (4' x 8')

(2) Wenger Versalite 3000 Platforms (4' x 4')

(24) 8" leg sets

(24) 16" leg sets

(24) 24" leg sets

(12) 32" leg sets

(2) 16" or 24" Stairs

(2) 24" or 32" Stairs

(10) Wenger 4 Step Choral Risers

Chair Stops, Chair Railings & Dress Skirts

ORCHESTRA CHAIRS

(100) Black Wenger "MUSICIAN" Chairs

(9) Black Wenger "CELLO" Chairs

(100) Wenger Music Stands

(80) Music Stand Lights

(8) Bass Stools

(2) Conductor's Podium & Music Stand

MISCELLANEOUS

(20) 6' Folding Tables

(37) Black Folding Chairs

PIANOS

(2) 9' STEINWAY Concert Grand Model D
(1) 6' YAMAHA Concert Grand C3F
(2) Studio YAMAHA upright pianos
(1) 9’ STEINWAY Hamburg (442 pitch only)

DANCE FLOOR

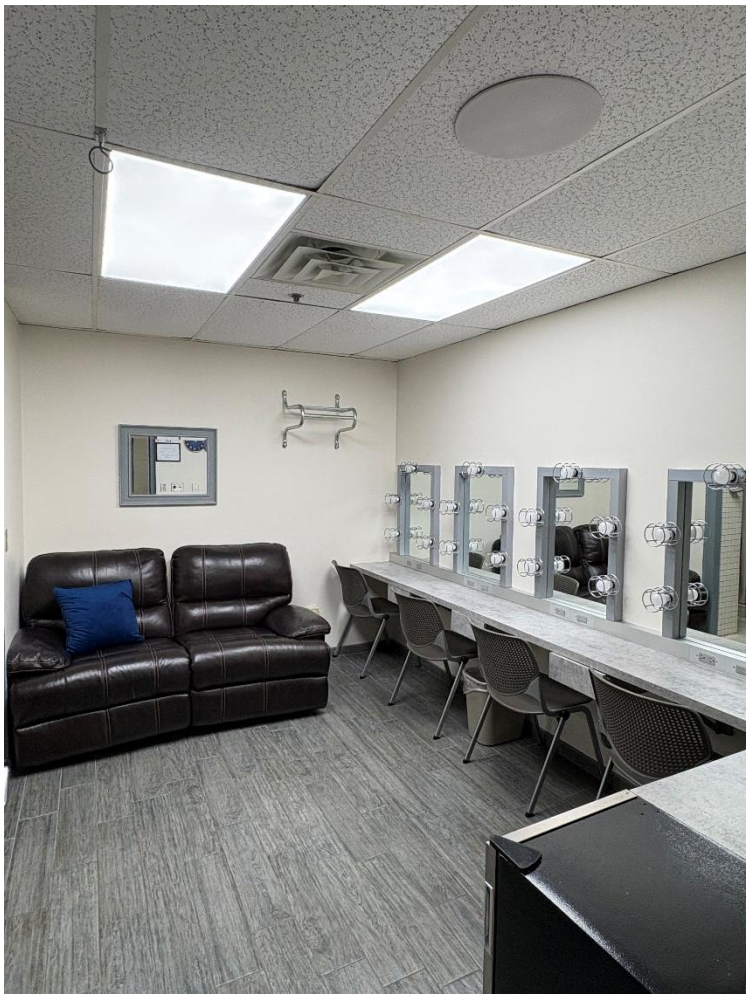
(1) 60’ x 48’ Black Harlequin Studio Marley Dance Floor
(8) Ballet Barres
(4) Rosen Boxes

Note: All inventory is subject to availability. Contact Kravis Technical Department for information.

WARDROBE

The wardrobe room is located in the basement level. There are (3) 20 lb. capacity, two speed washing machines and (3) 20 lb. capacity electric dryers, (1) double laundry sink, (2) ironing boards and irons, (2) sewing machines and (8) Jiffy Steamers. There is an elevator in the Receiving Room to access the Basement Level.

DRESSING ROOMS





STAGE LEVEL

Conductors Suite SL	1 person w/ toilet & shower	(*)
Dressing Room #1 SL	1-4 people w/ toilet & shower	(*)
Dressing Room #2 SL	1-4 people w/ toilet & shower	(*)
Dressing Room #3 SR	1-4 people w/ toilet & shower	(*)
Dressing Room #4 SR	1-4 people w/ toilet & shower	(*)

BASEMENT LEVEL

Chorus Dressing Room #1 C 12 people w/ toilet & shower
Chorus Dressing Room #2 C 16 people w/ toilet & shower
Chorus Dressing Room #3 C 13 people w/ toilet & shower
Chorus Dressing Room #4 C 13 people w/ toilet & shower
Chorus Dressing Room #5 C 11 people w/ toilet & shower
Chorus Dressing Room #6 C 9 people w/ toilet & shower
Chorus Dressing Room #7 C 12 people w/ toilet & shower
Chorus Dressing Room #8 C 17 people w/ toilet & shower
Chorus Dressing Room #9 C 1-6people w/ toilet & shower (*)
Chorus Dressing Room #10 C 1-6people w/ toilet & shower (*)

MISC. ROOMS AVAILABLE

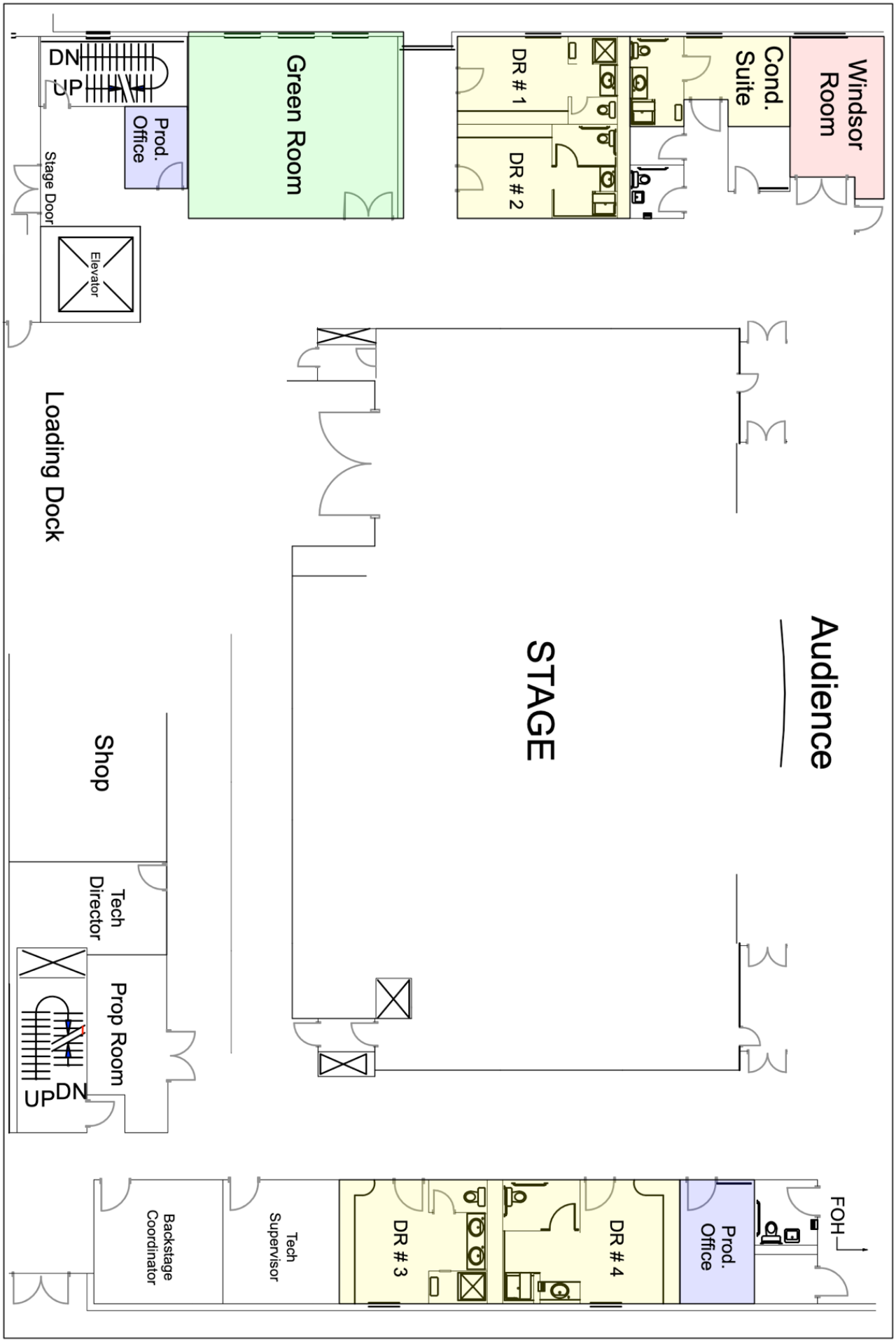
STAGE LEVEL

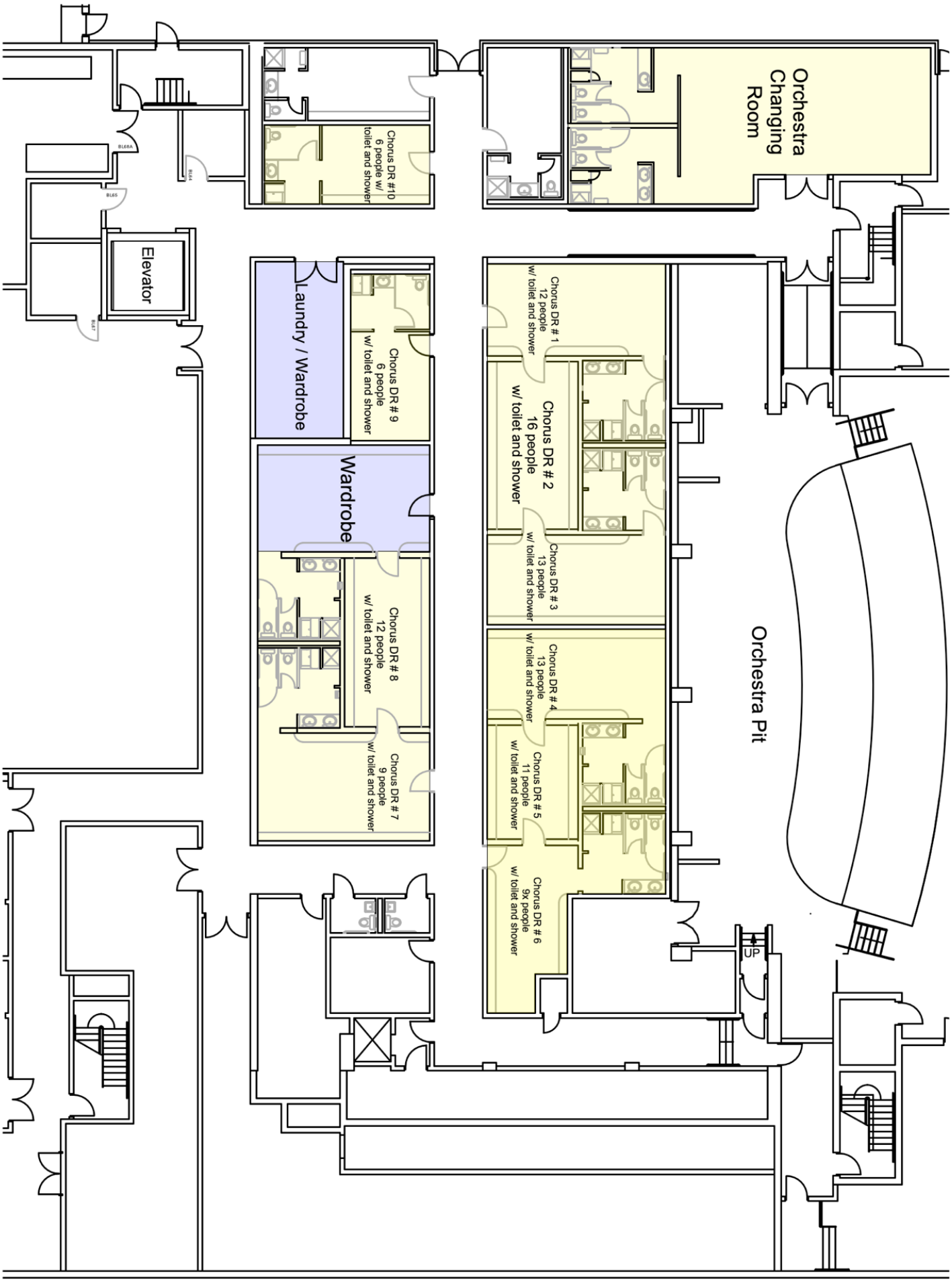
Visiting Production Office SL/SR (*)
Green Room SL (*)

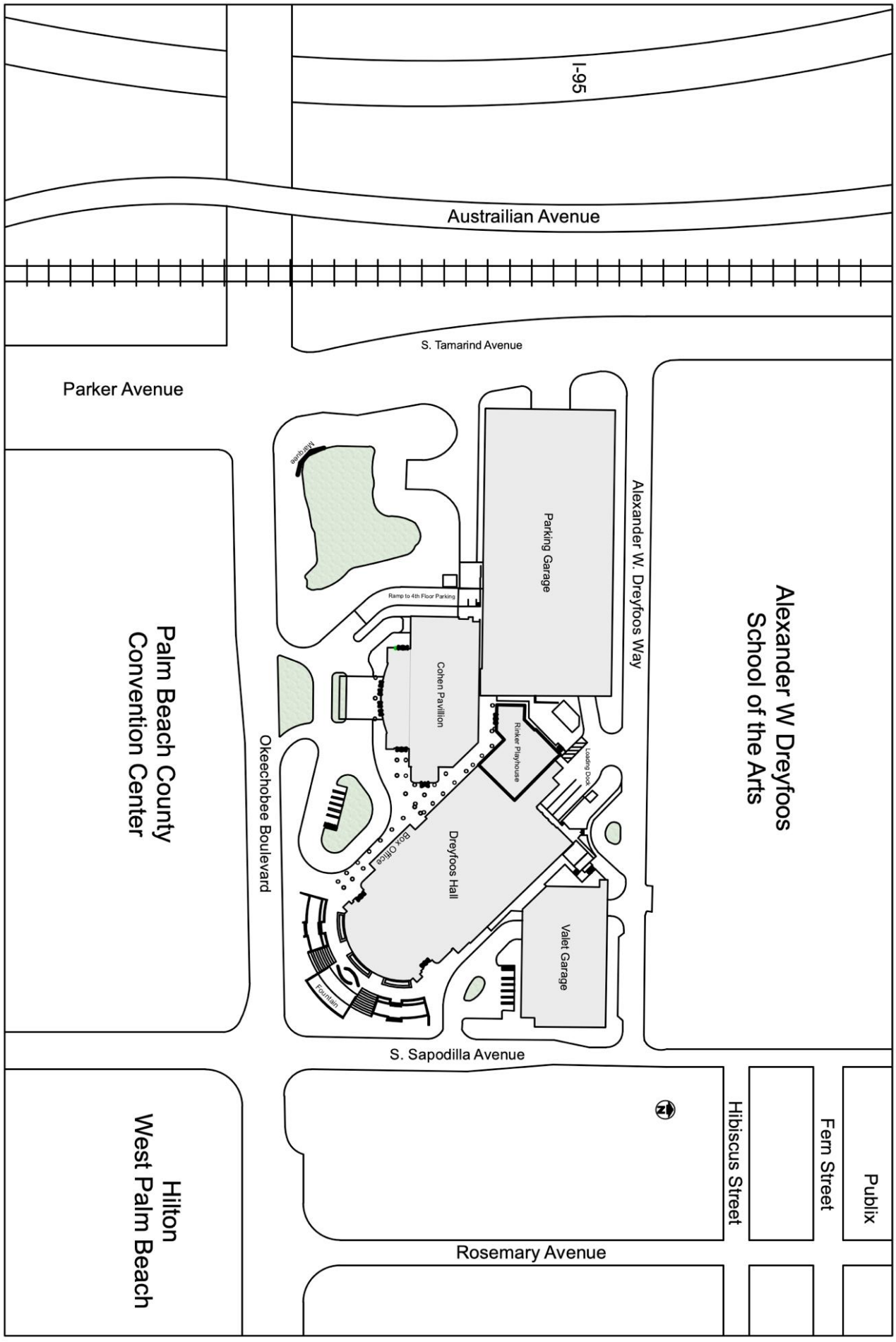


BASEMENT LEVEL

Orchestra Changing Room


Windsor Room
Cond. Suite
DR # 1
DR # 2
Green Room
DN
UP
Prod. Office
Stage Door
Elevator
Loading Dock
Audience
STAGE
Shop
Tech Director
Prop Room
UP
DN
Backstage Coordinator
Tech Supervisor
DR # 3
DR # 4
Prod. Office
FOH


Orchestra Changing Room
Chorus DR #10 6 people w/ toilet and shower
Elevator
Laundry / Wardrobe
Chorus DR # 9 6 people w/ toilet and shower
Wardrobe
Chorus DR # 8 12 people w/ toilet and shower
Chorus DR # 7 9 people w/ toilet and shower
Chorus DR # 1 12 people w/ toilet and shower
Chorus DR # 2 16 people w/ toilet and shower
Chorus DR # 3 13 people w/ toilet and shower
Chorus DR # 4 13 people w/ toilet and shower
Chorus DR # 5 11 people w/ toilet and shower
Chorus DR # 6 9x people w/ toilet and shower
Orchestra Pit
UP


I-95
Austrailian Avenue
S. Tamarind Avenue
Parker Avenue
Alexander W. Dreyfoos Way
Alexander W Dreyfoos
School of the Arts
Palm Beach County
Convention Center
Okeechobee Boulevard
Parking Garage
Ramp to 4th Floor Parking
Cohen Pavillion
Rinker Playhouse
Loading Dock
Box Office
Dreyfoos Hall
Valet Garage
Fountain
S. Sapodilla Avenue
Rosemary Avenue
Hibiscus Street
Fern Street
Publix
Hilton
West Palm Beach

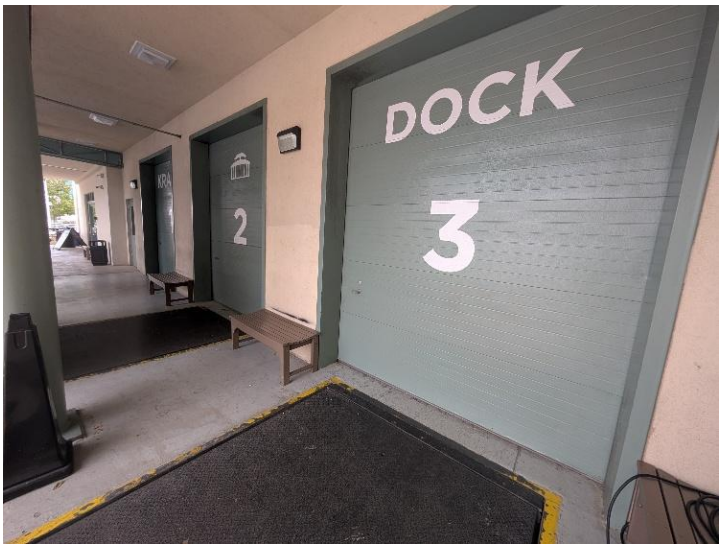
LOADING DOCK / Street View





LOADING DOCK / Dock and Ramps View





LOADING DOCK

The Loading Dock is located off Alexander Dreyfoos Way on the north side of the building. There are (3) bays, (2) with Serco mechanical Dock Levelers. Dock is 4' High with 2100 square feet of Receiving Room area. Loading doors are 8'W x 12'H.

LOADING CIRCLE AND SECURITY /DREYFOOS STAGE DOOR ENTRY

