



MILLER HIGH LIFE THEATRE TECHNICAL MANUAL

VERSION 5.1.2



Highlights:

- 4,087 seat capacity with built-in flexibility to create an "intimate" full house of 2,562 or 1,291.
- Easy, efficient load-in with direct dock-to-stage access.
- Generous backstage space including dressing rooms, offices and backstage catering areas.
- 21st-century physical plant, sound and lighting systems and acoustical design.
- Excellent patron sight lines, comfort and luxury with sloped, main, balcony and gallery box seating areas.
- Spacious concourses and public circulation areas including huge, three-story, half-domed rotunda lobby, suitable for receptions, concessions or extensive merchandising.
- Plentiful, modern and flexible restrooms.
- Large box office lobby and canopied passenger drop-off.
- Disability access accommodations including wheelchair ramps and platforms, lowered counters, "family" restrooms, elevators and more.
- Two versatile and luxurious side halls for rehearsals, meetings, food functions and other uses.
- Restored and enhanced architectural details including preserved historical murals.

Basic dimensions and capacities

Area	Gross Square Feet	Dimensions	Ceiling Heights	Stage (GSF)	10 x 10 Exhibits	Banquet: 72" Rounds of 10	Theater Style	Class Room: 4per table
Main Hall	31,897	irregular	65' (max.)	2,516	NA	NA	4,087	NA
Rotunda	32,815	irregular	65' (max.)	build to suit	NA	240	NA	NA
Plankinton Hall	6,131	100' 6" x 61'	14' (max.)	build to suit	TBD	400	650	360
Kilbourn Hall	3,977	65'10" x 60' 5"	12'8"	build to suit	TBD	250	390	375

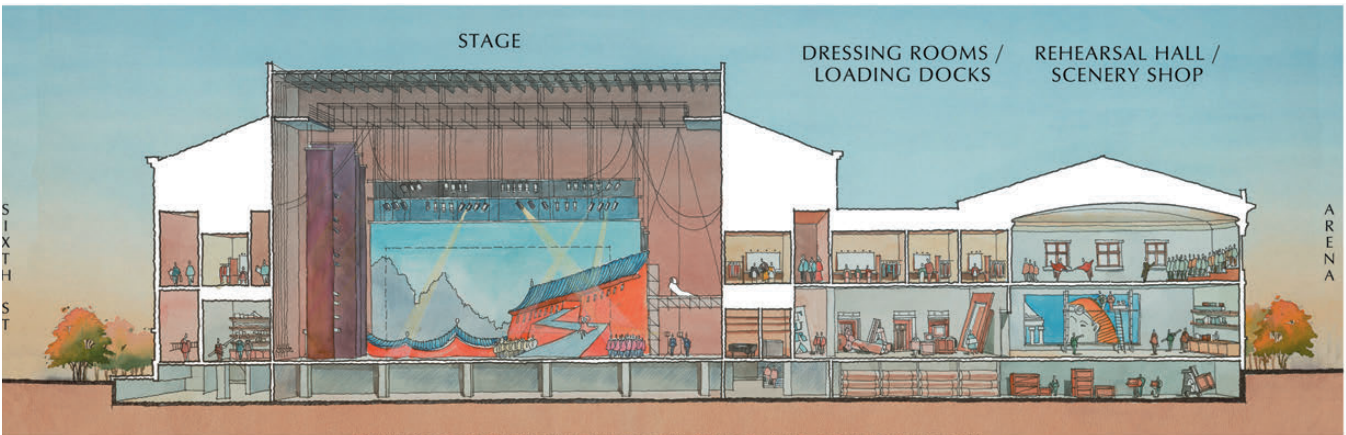


This is a smoke and tobacco-free neighborhood

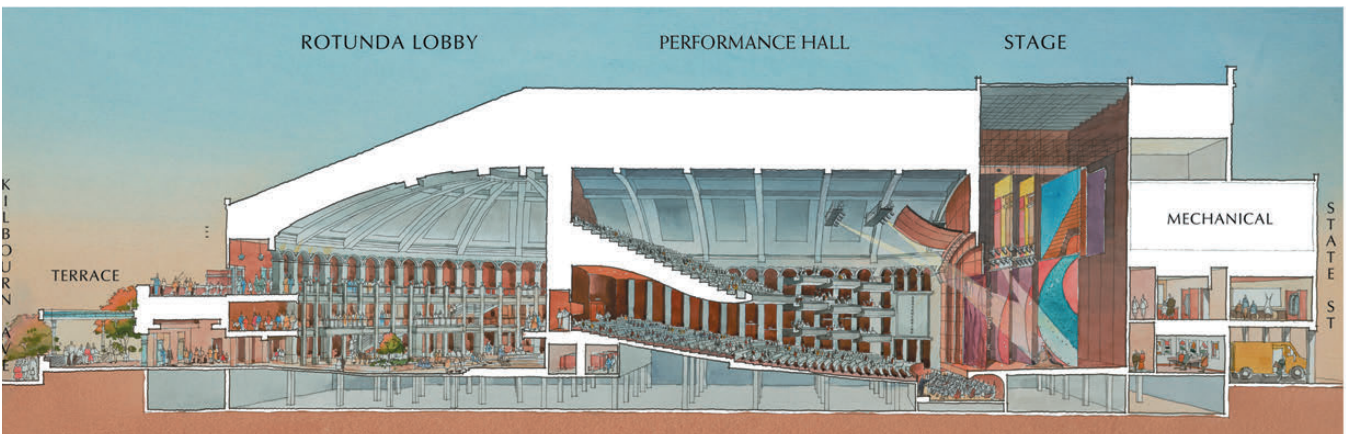
Elevations & sections



ELEVATION ALONG KILBOURN AVENUE

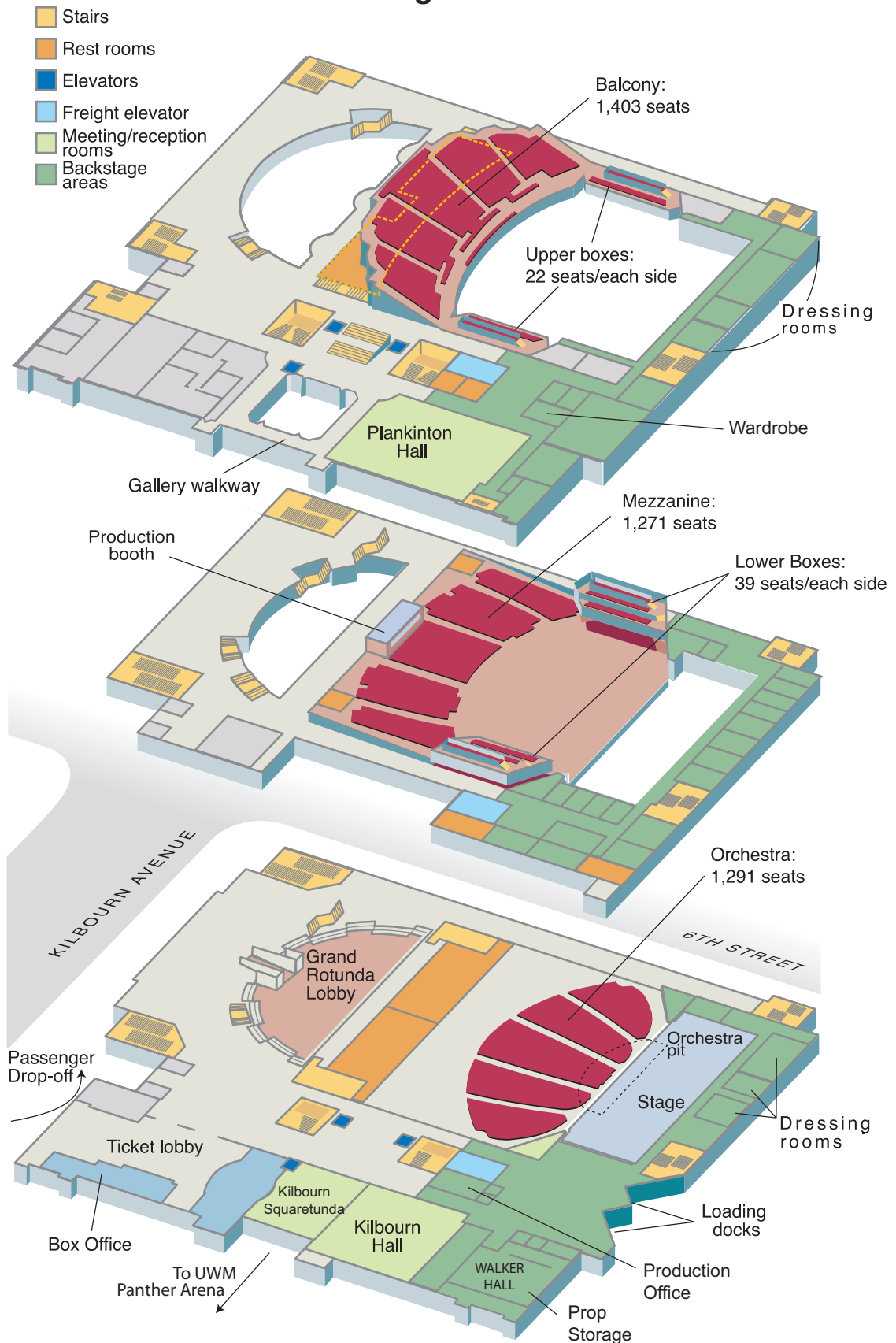


TRANSVERSE SECTION THROUGH STAGE AND REHEARSAL HALL



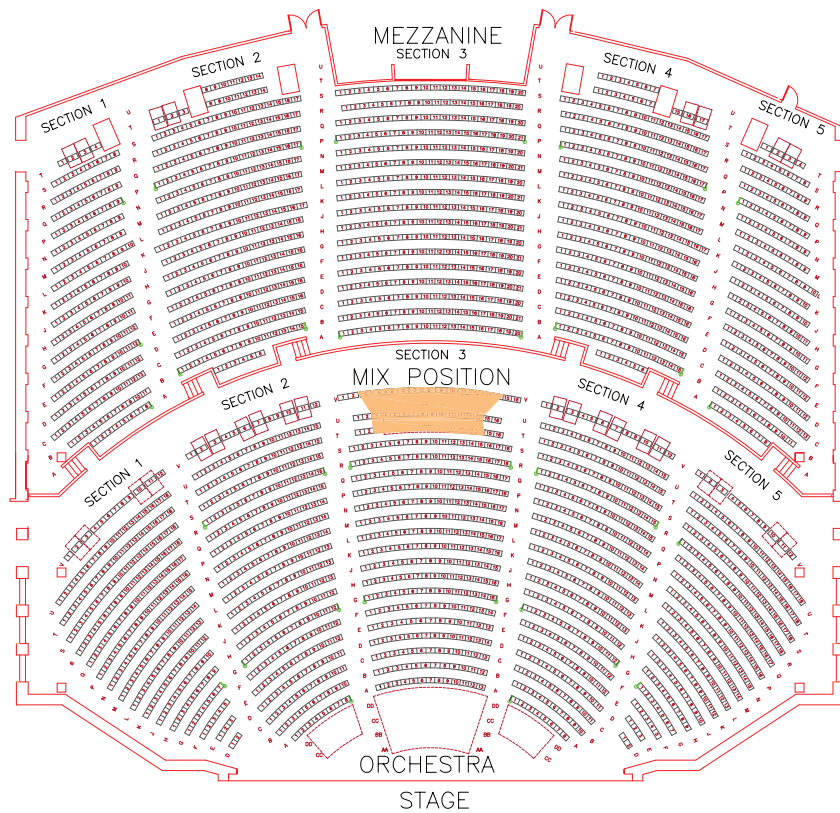
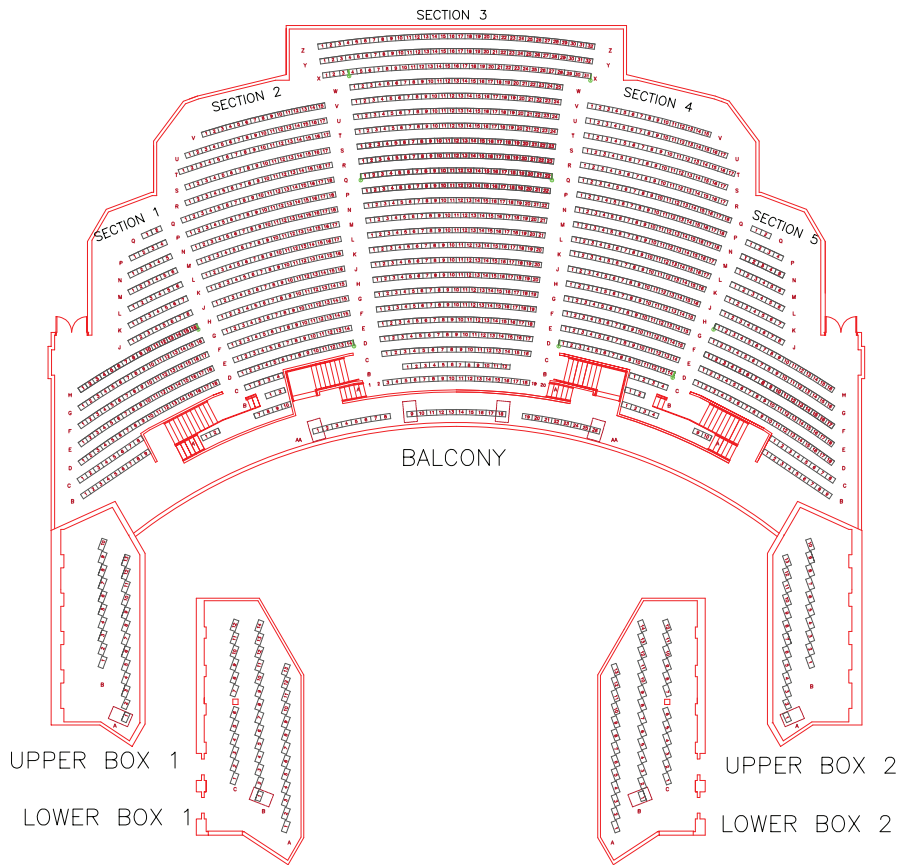
LONGITUDINAL SECTION THROUGH ROTUNDA LOBBY AND BRUCE HALL

Miller High Life Theatre



Full house seating chart (seat numbers shown)

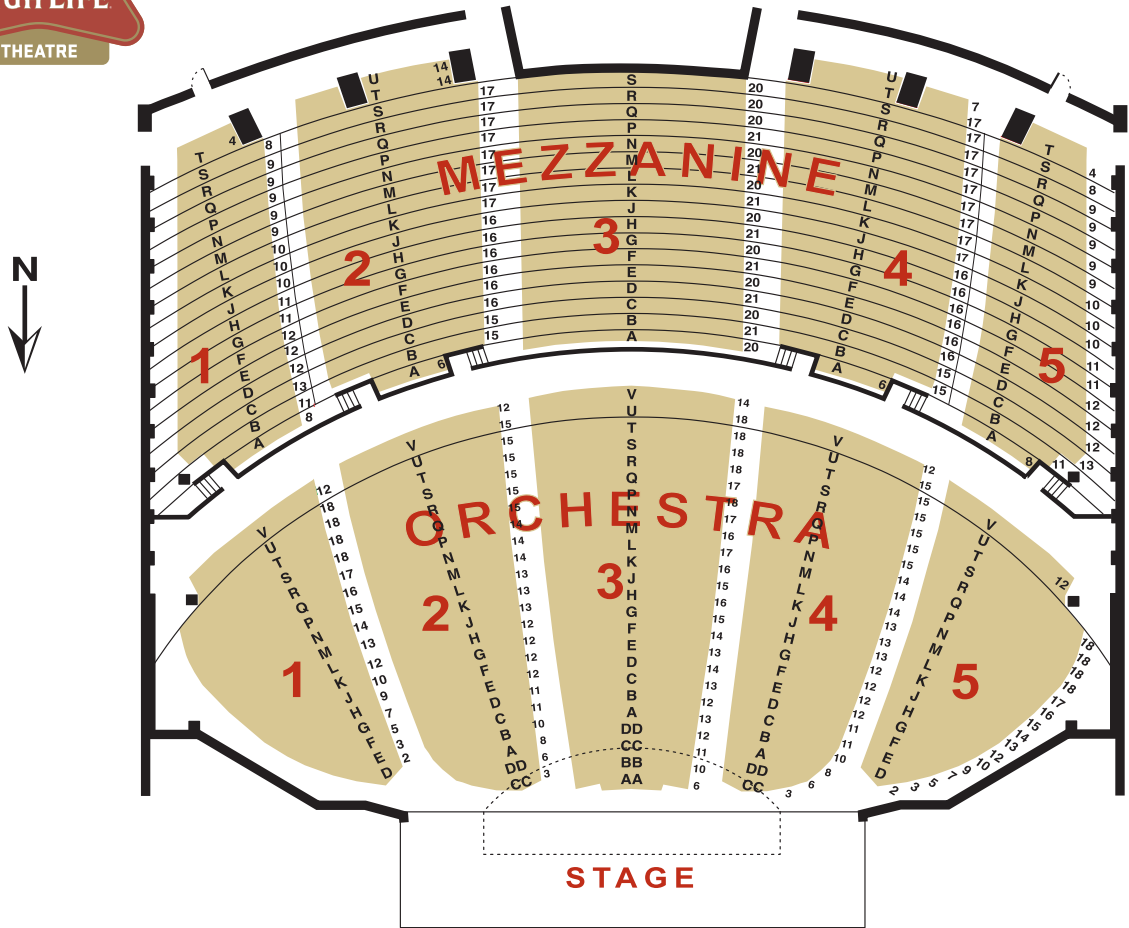
Miller High Life Theatre Seating Chart



"Intimate" seating charts (section numbers shown)

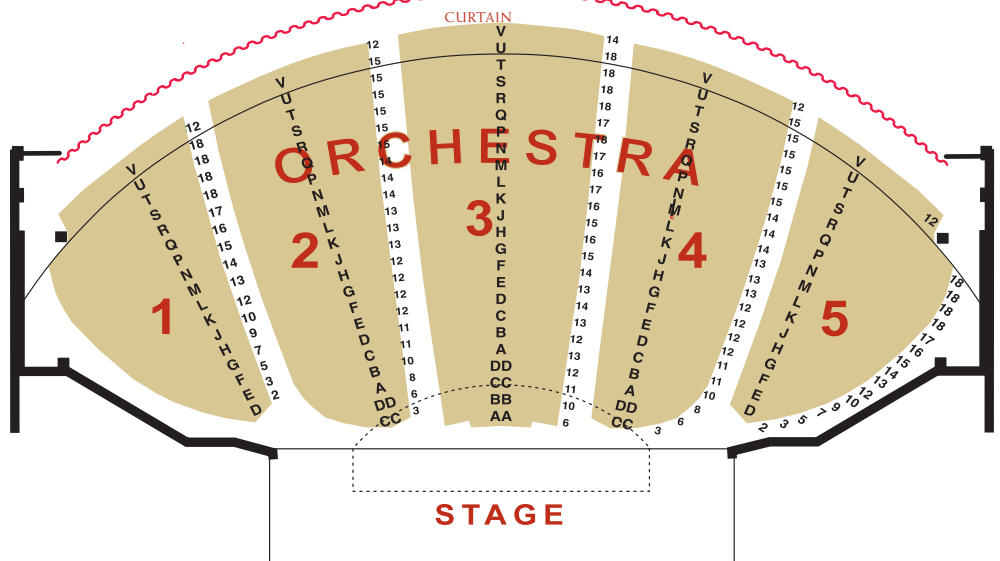


2,562 seats - Orchestra & Mezzanine

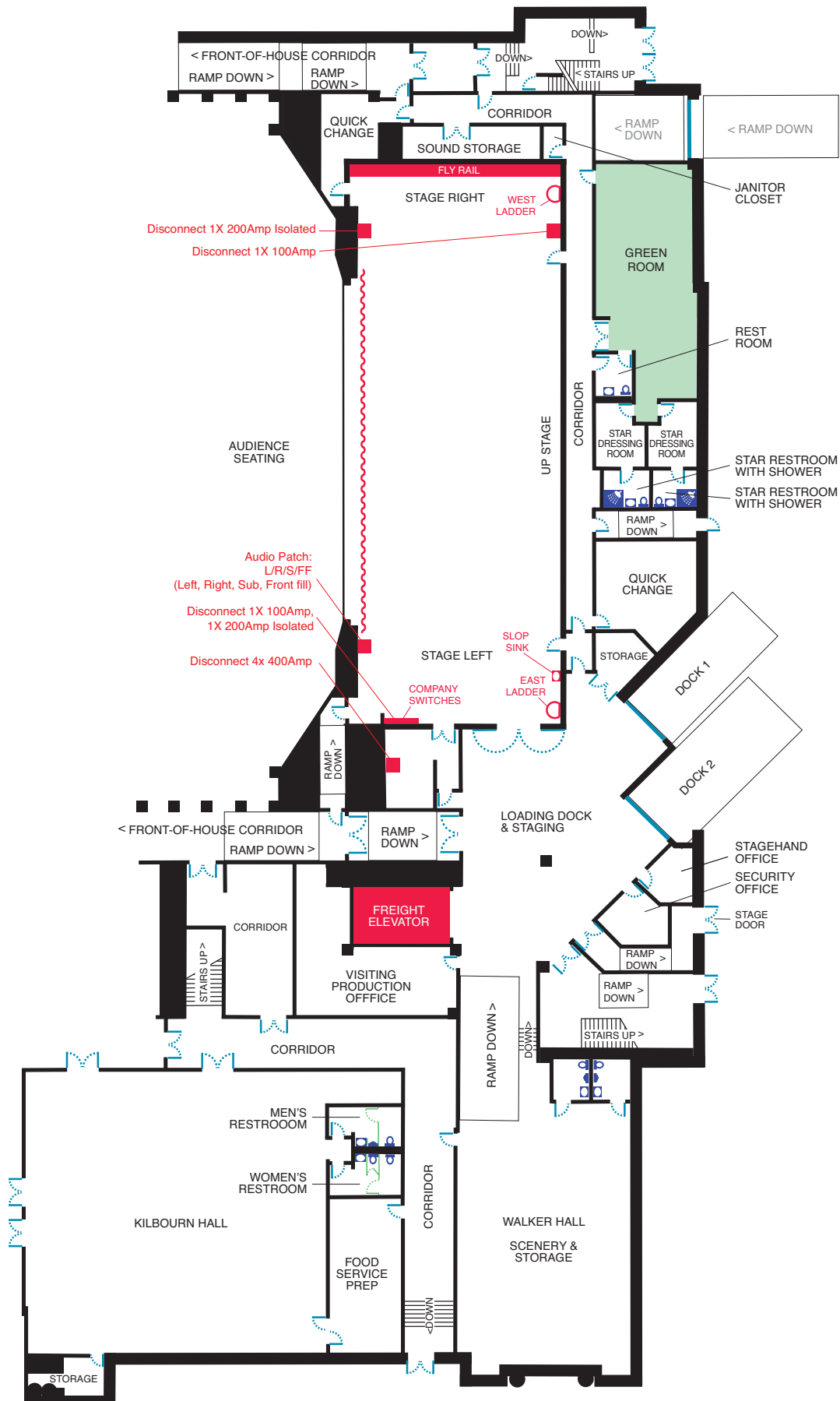


Rows are A-Z.
Highest seat number shown for each row.

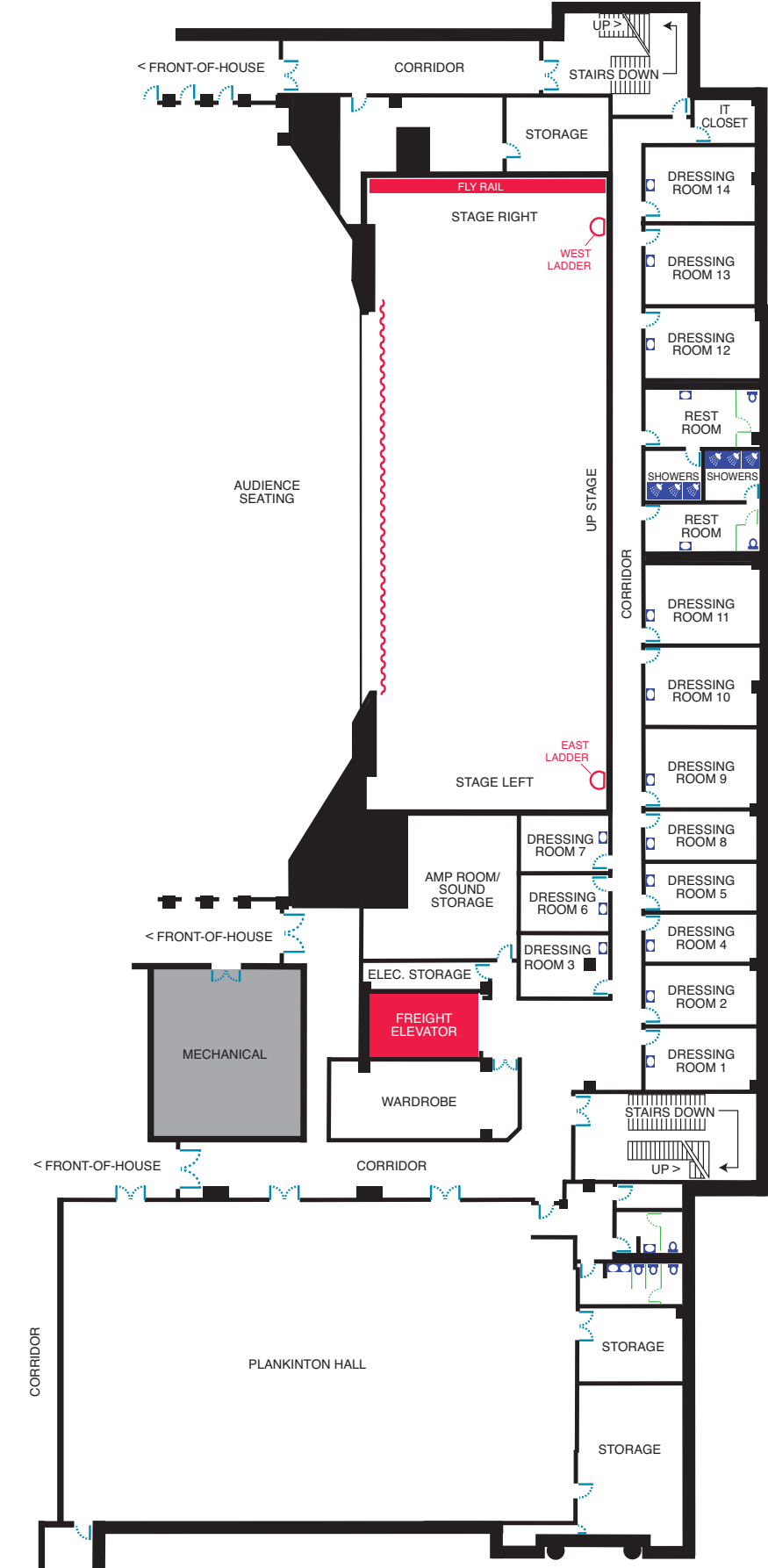
1,291 seats - Orchestra



Back-of-House First Floor



Back-of-House Second Floor



Specifications A

SEATING

Orchestra Level	1,291
Orchestra permanent seats:	1,172
Orchestra pit (removable/portable seats):	57
Orchestra ADA	62
Mezzanine Level:	1,271
Mezzanine permanent seats	1,257
Mezzanine ADA	14
Balcony level:	1,403
Balcony permanent seats	1,395
Balcony ADA	8
Lower Boxes, each side:	39
Lower Boxes permanent seats, each side	37
Lower Boxes ADA, each side	2
Upper Boxes, each side	22
Upper Boxes permanent seats, each side	20
Upper Boxes ADA, each side	2
TOTAL SEATING:	4,087

ORCHESTRA PIT DIMENSIONS (curved pit):

Width:	47' 6"
Depth front-to-back at center of pit:	9' 3"
No pit elevator	

STAGE DIMENSIONS

Proscenium width:	73' 10"
Proscenium height:	
at corner of arch:	30' 0"
at center of arch:	36' 0"
Stage width:	121' 0"
Stage depth (from smoke pocket):	45' 0"
Apron (from smoke pocket):	2' 9"
Wing space stage left:	20' 0"
Wing space stage right:	19' 0"
Stage height:	4' 4"
Stage to audience:	
with orchestra pit:	17' 7"
without orchestra pit:	6' -2"
Stage to balcony:	87'

LOADING DOCK

Location:	Upstage left
Number of docks:	2
Dimensions:	10' x 10' opening
Dock levelers:	yes
Distance to stage:	24'
Opening to stage:	9' 7" W x 14' 9" H
Parking:	
Parking for 1 truck at dock; must leave 1 dock open.	
Additional parking for trucks or buses next to building;	
shore power available.	

BACKSTAGE ROOMS

Telecommunication hook ups in all backstage rooms. Show paging system available in all backstage rooms.

ROOM.....	LOCATION	QUANTITY.....	AMENITIES/DIMENSIONS
1 person star dressing room	1st floor behind stage	2	sinks, toilets, showers, lighted mirrors
4 person - quick change	1st floor behind stage	1	23' x 20'
8 person - green room	1st floor behind stage	1	49' x 22'
Production office	1st floor, off stage left	1	room
2 person dressing room	2nd floor behind stage	4	sinks and lighted mirrors
4 person dressing room	2nd floor behind stage	4	sinks and lighted mirrors
8 person dressing room	2nd floor behind stage	6	sinks and lighted mirrors
Unisex restrooms/showers	2nd floor behind stage	2	1 sink, 1 toilet, 3 showers each
Unisex crew restrooms	1st floor east of dock	2	1 sink, 1 toilet, 1 urinal each
Conductor's room	under stage	1	sink, toilet, lighted mirror
Musicians/chorus room	under stage	1	66' x 28'
Wardrobe room	2nd floor, stage left	1	36' x 15'
Washers, dryers	2 washers, 2 dryers in wardrobe room; 2 additional washer hookups available.		
Plankinton Hall*	2nd floor, stage left	1	98' x 61', carpeted
*Plankinton Hall is a convertible, multi-use space, not strictly "backstage" except as defined by production security perimeter; production has right of first refusal based on actual needs. May be used for patron functions, etc.			

LINE SET DATA

Grid height	78' 10.5"	Arbor capacities	2,750 lbs.
Total number of line sets	(50) on 8" centers	Total weight available	95,700 lbs.
Pick up lines	(6)	Location of lock rail:	
Pipe length	80' 0"	Stage right, stage level and fly gallery	33'-6"
Available pipe extensions	(12) 4'	Loading floor	Stage right - 69'-4"
Pipe weight	500 lbs.	Location of pin rail:	
High trim	75'	Stage left and right at fly gallery	33'-6"
Low trim	4' 0"	Loft blocks	(60) for 5/8" rope

RIGGING SCHEDULE (Current hanging plot will be furnished upon request)

<u>Set</u>	<u>Description</u>	<u>Proscenium wall to center line of set</u>	<u>Set</u>	<u>Proscenium wall to center line of set</u>
GV	Grand valance		30	23' 5"
FC	Fire curtain		31	24' 1"
1	Front portal	2' 1"	33	25' 5"
2	House curtain	2' 9"	34	26' 1"
3		3' 5"	35	26' 9"
4		4' 1"	37	28' 1"
5		4' 9"	38	28' 9"
6		5' 5"	39	29' 5"
7		6' 9"	40	30' 9"
8		7' 5"	41	31' 5"
9		8' 1"	42	32' 1"
10		8' 9"	43	32' 9"
11		9' 5"	44	33' 5"
12		10' 1"	45	34' 1"
13		10' 9"	46	34' 9"
15		12' 1"	48	36' 1"
16		12' 9"	49	36' 9"
17		13' 5"	50	37' 5"
18		14' 9"	51	38' 9"
19		15' 5"	52	39' 5"
21		16' 9"	53	40' 1"
22		15' 5"	54	unavailable
23		18' 1"	55	41' 5"
24		18' 9"	56	42' 1"
25		19' 5"	57	42' 9"
27		20' 9"	58	43' 5"
28		21' 5"	59	44' 1"

<u>DRAPERY</u>	<u>QUANTITY</u>	<u>HEIGHT</u>	<u>WIDTH</u>
Grand valance	1	8' 10"	75' 8"
House curtain (guillotine)/elec. traveler	2	37' 6"	41' 6"
Black velour masking leg	12	35' 0"	8' 6"
Black velour masking border	6	10' 0"	88' 0"
Black velour traveler curtain	1 Pair	35' 0"	41' 6"
Black sharkstooth scrim	1	35' 0"	80' 0"
Seamless muslin cyclorama	1	35' 0"	80' 0"
Black velour side tabs	6	39' 0"	7' 0"
Black velour side tabs	2	39' 0"	4' 0"
Full stage black (2 panels)	1	35' 0"	80' 0"

<u>CIRCUIT POSITIONS</u>	<u>20A CCTS</u>	<u>50A CCTS</u>	<u>Circuit #</u>	<u>Transferable to stage left?</u>
Far catwalk -18HR, 24 center, 18 HL	60		1-60	Yes
Near catwalk -12HR, 18 center, 12HL	42		61-102	Yes
Balcony rail-6HR, 6HL, 12 center	24		103-126	Yes
Proscenium torm SL	12		163-174	Yes
Proscenium torm SR	12		175-186	Yes
Box boom SL-18 (6 low, 12 up)	18		127-144	Yes
Box boom SR-18 (6 low, 12 up)	18		145-162	Yes
FOH truss position	6		187-192	Yes
Fly floor raceway SL	96	2	193-288, 389, 390	No
Orchestra pit	4		385-388, 389-392	No
FOH truss position	60		TI-T60	Yes

Specifications C

ROAD SHOW POWER	LOCATION	QUANTITY	ELECTRICAL SERVICE
Road dimmer power	DSL dimmer room	4	400A, 3 phase, 208V
Road sound power (isolation transformer)	DSL wall	1	200A, 3 phase, 208V
Road sound power (isolation transformer)	DSR wall	1	200A, 3 phase, 208V
Stage machinery power	DSL wall	1	100A, 3 phase, 208V
Stage machinery power	Upstage right	1	100A, 3 phase, 208V
Tour bus shore power	Loading dock	1	100A, 3 phase, 208V

LIGHTING

Dimmers:

- (5) SR48 ETC Sensor racks containing:
 - (235) D20-E dual 20 amp modules (286 dimmers)
 - (5) D50-AF single 50 amp modules (5 dimmers)

Light Mixing Locations:

- Fixed booth OR in-house mix position
- Pass through available from stage left and right to house and booth mix

Lighting Control:

- ETC Expression 3-Evolution 400 memory control console.
- (1) Remote focus unit
- (3) Unison control stations that control house & work lights.

LIGHTING INSTRUMENTS

19 degree Source 4	(30)	5' jumper cable	(20)
10 degree Source 4	(50)	10' jumper cable	(20)
5 degree Source 4	(29)	Two-fer	(20)
Sky Cyc 4 cell	(20)	25'-6 circuit multicable	(15)
10" 2000W Fresnels	(9)	50'-6 circuit multicable	(32)
Barn doors for 10" Fresnel	(9)	Multicable breakout	(64)
		Lycian Model 1290 long-throw follow spots	(4)

HOUSE AUDIO

Front of House - L'Acoustics Kara

- LA8 Processors/amplifiers
- Boxes (12 per side)
- SB18 Sub Cabinets
- X8 front fill speakers

Mixing Console:

CALL FOR DETAILS

Mixing Locations:

- Fixed booth OR in-house mix position
- Pass-throughs to house mix and booth stage left & right

Fills and Monitors System:

- JBL-SR4733X side fills
- JBL-SR4702X wedges
- Crown Macro-Tech 2402 amplifiers

Plankinton Hall & Kilbourn Hall equipment:

- Sony SRP-X700P Powered Mixer (1) each
- Crown CT s600 amplifiers (Plankinton) (2)
- Crown CT s600 amplifiers (Kilblbourn) (1)

Assisted Listening System: (Changes pending)

- Sennheiser SI 1015 infrared system (1)
- Sennheiser HDI 302 Stereo Headsets (80)

Production Communications:

- Clear-Com Two-Channel Paging system w/
- Clear Com TW-12B System Interface (1)
- ClearCom 702 intercom belt packs (18)

Backstage/Lobby Paging:

- 70 volt system Program or paging feed
- QSC CX204V amplifiers (4)
- Symetrix Solus 8 Digital Sound Processors (4)

Other (additional charges apply):

- Assorted wired complement microphones. Call for details.

HOUSE VIDEO (Additional charges apply)

- 12' x 16' Projection Screens flanking stage (1024x728, 4:3 aspect ratio) (2)
- Christie LX 1200 12,000 Lumen Projector (Ceiling mounted under balcony) (2)
- I-MAG cameras (1080i Kings Triax Multicore) (up to 4)

- Star-System Patching Scheme throughout
- BNC connectors RGBHV, HD/SD-SDI

Digital and video indoor/outdoor signage (event advertising)

Web, e-board and other art files						
Location	Width	Height	content	File type	Resolution, color mode	
Dimensions in pixels unless otherwise stated						
Poster	21"	33"	Show poster w/ event name, date, location, time	.pdf	200 dpi, CMYK	
Venue website - listing	700	500	Image, logo or poster art. No date or location.	.jpg or .png	72 dpi, RGB	
Standard size for composite ads	1920	1080	Logo or poster art w/ date/location/time	.jpg	300 dpi, CMYK	
Concourse monitors	1920	1080	Logo or poster art w/ date/location/time	.jpg	72 dpi, RGB	
Arena scoreboard	1280	720	Logo or poster art w/ date/location/time	.jpg	72 dpi, RGB	
Facebook event cover image	1200	675	Logo or poster art w/ date/location/time	.jpg or .png	72 dpi, RGB	
E-blast	600	338	Logo or poster art w/ date/location/time	.jpg or .png	72 dpi, RGB	
Venue website - sidebar skyscraper	300	600	Logo or poster art w/ date/location/time, and "action" call out (e.g., "get tickets" button)	.jpg or .png	72 dpi, RGB	
Twitter cover image	1500	500	Logo or poster art w/ date/location	.jpg or .png	72 dpi, RGB	
Theatre outdoor video	242	172	Logo or poster art w/ date/location	.jpg	72 dpi, RGB	
Arena/Theatre billboards	400	180	Logo or poster art w/ date/location	.jpg	72 dpi, RGB	
Arena vomitory signage	288	64	Simple logo or poster art w/ date/location	.jpg	72 dpi, RGB	
Instagram & Milwaukee365.com	1200	1200	Logo or poster art - no date/location	.jpg or .png	72 dpi, RGB	
(For group sales events only) Venue Group Sales page	100	100	Logo or poster art - no date/location	.jpg or .png	72 dpi, RGB	

Highlighted files have the same content and aspect ratio; create largest first and downsample to generate smaller copies



Frequently-asked questions

GETTING HERE

Nearest airport:	General Mitchell International Airport (www.mitchellairport.com)
Distance from airport to venue:	10 miles, about 15 minutes
Other transportation:	Amtrak (7x daily to/from Chicago); Greyhound, Badger & other bus services; seasonal high-speed ferry to Muskegon, MI.
Distance from stations to venue:	Amtrak & inter-city buses, 5 blocks, high-speed ferry, 3 miles, about 10 minutes
Nearest hotels:	<ul style="list-style-type: none">• Hilton Milwaukee City Center• Hyatt Regency-Milwaukee• DoubleTree by Hilton Hotel Milwaukee Downtown• Other hotel info at www.visitmilwaukee.org.
Distance from hotels to venue:	Hyatt is across corner on Kilbourn. Hilton three blocks away on Wisconsin Avenue; Several others within 2-4 blocks.
Nearest parking:	<ul style="list-style-type: none">• WCD lot (276 spaces)• Hyatt Regency structure at Vel R. Phillips Avenue & Wells (750 spaces)• Hilton structure 1 block south on 5th Street (800 spaces)• Shops of Grand Avenue structure (1,000 spaces)
Other parking information:	www.parkmilwaukee.com

VENUE RULES AND LOCAL LAWS

Doors open:	Usually one hour before show time
Smoking policy:	This is a tobacco and smoke-free neighborhood. Smoking and vaping are not permitted anywhere on Wisconsin Center District premises.
Carry-ins:	Food and beverage carry-ins are not permitted. Still camera carry-ins are subject to the artist/tour/promoters' preference. Video cameras are generally prohibited unless expressly allowed by the artist/tour/promoter.
Curbside drop-off:	Curbside drop-off and pick-up of passengers is permitted on all streets surrounding the Miller High Life Theatre. Drivers must remain with the vehicle.
Curfew:	No indoor event/performance curfew. 11:00 p.m. City of Milwaukee curfew for unescorted minors. 2:00 a.m. bar closing time (applies to private bars at food & beverage events weeknights, 2:30 a.m. weekends).
Sales taxes:	5.6% (6.1% for prepared food & beverage)

Where's the nearest...

This list was compiled from inquiries associated with entertainment events, and is included here as a potential convenience only, not an endorsement. This list is by no means comprehensive and may not be up-to-date. The nearest to hotels will differ.

24-hour diner:
George Webb's
812 N. Old World Third Street
(3rd Street between Kilbourn & Wells)

24-hour urgent care:
St. Joseph's Outpatient Center
201 N. Mayfair Road
(Wauwatosa - Highway 100)

Art supplies:
Blick Art Materials
242 E. Menomonee Street
(near Broadway & Menominee)

Bank:
Wells Fargo Bank
733 W. Wisconsin Ave
(7th & Wisconsin)

Bar:
Miller Time Pub
509 W. Wisconsin Ave
(5th & Wisconsin, in Hilton)

Bicycle rentals:
Vulture Space Bicycle Collective
651 N. Plankinton Ave
(Plankinton south of Wisconsin)

Bike Share kiosk (BublR Bike):
Wisconsin Center plaza
700 N. Vel R. Phillips Ave.

Bowling alley:
Landmark Lanes
2290 N. Farwell Avenue
(1/2 block south of Farwell & North)

Car rental:
Hertz
804 N. Vel R. Phillips Ave.
(Vel R. Phillips & Wells)

Casino:
Potawatomi Hotel & Casino
1721 W. Canal Street
(West on Canal, 10 blocks from 6th)

Cinema:
Oriental Theater
2230 N. Farwell Avenue
(Farwell near North Avenue)

Coffee shop:
Starbucks
509 W. Wisconsin Avenue
(Hilton, 5th & Wisconsin)

Dental clinic:
Downtown Dental Group S.C.
161 W. Wisconsin Avenue
(Wisconsin Avenue above TJ Maxx)

Donut shop:
Dunkin' Donuts
622 W. Wisconsin Avenue
7th & Wisconsin

Dry cleaner:
Avenue Fabricare
602 N. 5th Street
(5th & Michigan)

Florist:
Bella Fiori
2014 N. Farwell Ave
(2.4 mi. northeast)

Gas station:
BP
350 N. Plankinton Avenue
(Plankinton, south of St. Paul, by river)

Golf course:
Lake Park Golf Course (9-hole)
3233 E. Kenwood Blvd.
(Newberry Boulevard & Lake Drive)

Hardware store:
Village Ace Hardware Prospect
2170 N. Prospect Ave
(2.3 miles north)

Library:
Milwaukee Central Library
814 W. Wisconsin Avenue
(enter @ Wisconsin or Wells west of 8th)

Liquor store:
Avenue Liquors
616 W. Wisconsin Avenue
(1/2 block west)

Live bait:
A & C Live Bait
314 E. Center St
Approx. 2 1/2 mi. north

Museum:
Milwaukee Public Museum
800 W. Wells Street
(James Lovell Blvd. & Wells)

Office supplies:
FedEx Office Print & Ship Center
312 E. Wisconsin Avenue
(Wisconsin Avenue & Water Street)

Optician:
Quality Optical
806 N. Old World Third Street
(3rd Street between Kilbourn & Wells)

Paintball range:
Paintball Dave's
203 N. Broadway
(Chicago & Broadway)

Pharmacy:
Walgreen's @ Shops of Grand Avenue
275 W. Wisconsin Avenue
(Wisconsin east of 3rd Street)

Post office:
Milwaukee Main Post Office
345 W. St. Paul Avenue
(St. Paul, facing Vel R. Phillips Ave.)

Shopping mall:
The Shops of Grand Avenue
275 W. Wisconsin Avenue
(Wisconsin Avenue, in Plankinton Bldg)

Supermarket:
Metro Market
1123 N. Van Buren
(Van Buren between State & Juneau)

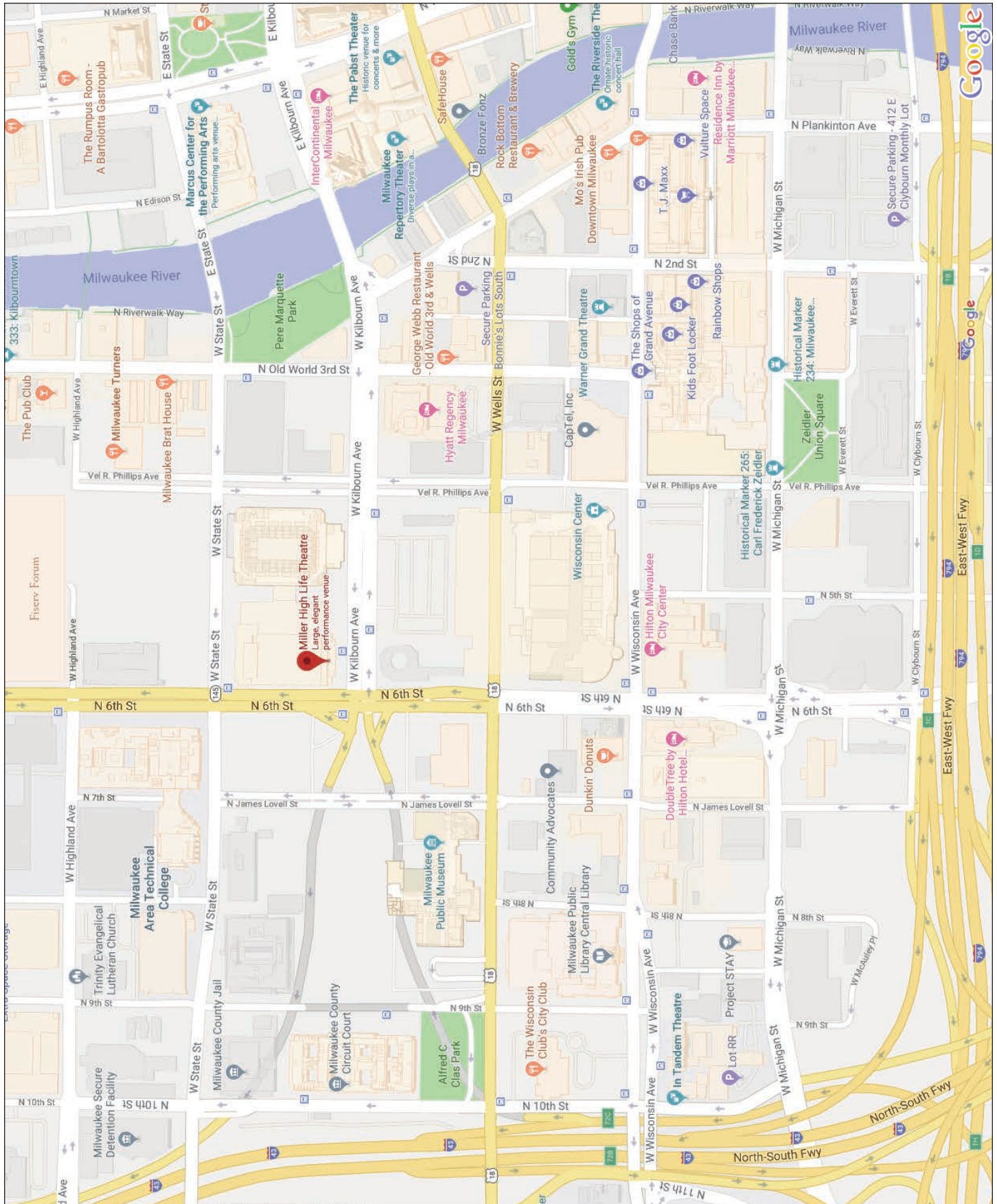
Tailor:
Fazio's Dry Cleaning-Tailoring
1027 E. Brady
(1.7 miles northeast)

Taxi stands:
Hyatt Regency-Milwaukee
333 W. Kilbourn Avenue

Hilton Milwaukee City Center
509 E. Wisconsin Avenue

Tobacconist:
Uhl's Pipe & Tobacco
114 W. Wisconsin Avenue
(Wisconsin Avenue at river)

Downtown Map





WISCONSIN CENTER DISTRICT

Owners & operators of the Miller High Life Theatre • Wisconsin Center • UW-Milwaukee Panther Arena
400 West Wisconsin Avenue • Milwaukee, Wisconsin 53203
414.908.6000 • Fax 414.908.6010 • www.wcd.org