

Technical Information



GENERAL INFORMATION

LTAC Staff	2
Box Office	2
Emergency Numbers	2
Location Map	2
Emergency Numbers	2
Travel Directions	3
Area Hotels	3
Taxi	3
Load-in Area	3
Restaurants Nearby	4
Restaurants That Deliver	4
Management	4
Carpentry - Main Stage	5
Carpentry - Event Hall	6
Carpentry - Terrace Theater	6

Rigging Schedule	7
Lighting - Main Stage	8
Lighting - Event Hall	8
Lighting - Accessories	8
Sound - General	9
Sound - Event Hall	10
Sound - Main Stage	10
Wardrobe	
Props	
Video	12
Main Stage Seating Chart	12
Event Hall Setup Example	13

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Technical Information

LONE TREE ARTS CENTER STAFF

Technical Director Jen Kiser jen.kiser@cityoflonetree.com 720.509.1010 Box Office Manager Ashley Vander Weg ashley.vanderweg@cityoflonetree.com 720-509-1027

Administrative Assistant/Office Bailey Dunning bailey.dunning@cityoflonetree.com 720.509.1010 Business Manager Heidi Conley heidi.conley@cityoflonetree.com 720-509-1004

Rentals & Sales Coordinator Elaine Caras elanie.caras@cityoflonetree.com 720.509.1014 Box Office BoxOffice@cityoflonetree.com 720.509.1000

EMERGENCY NUMBERS - IF A POLICE, FIRE OR MEDICAL EMERGENCY OCCURS, DIAL 911 'SEND'

Ambulance South Metro Fire Rescue Authority 911 (charges will apply)

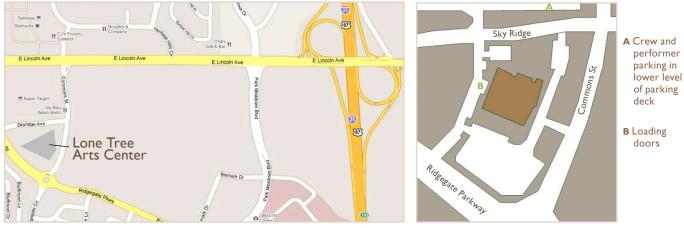
Chiropractic Clinic 1.4 mi, Whole Health Center, 9075 Forsstrom Dr. 303.470.1995

Lone Tree Dentists and Orthodontics 900 ft, 10000 Commons St, Lone Tree, CO 80124 303.790.8080 Emergency Room 1 mi, Sky Ridge Medical Center, 10101 Ridgegate Parkway 720.225.1900

Police Department Non-emergency 303.339.8150

Urgent Care .8 mi, On Point Urgent Care, 9695 S. Yosemite St. #150 8am to 8pm 7 days 720.255.2350

LOCATION MAPS



Map detailing theatre location from I-25 Highway exit 293

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TRAVEL DIRECTIONS

I-25 to Exit 293 – Lincoln Avenue. Travel west approximately half a mile (½ mi). Turn left on Commons St. Travel approximately 2 blocks (.1 mi) to stop sign. Turn right onto Sky Ridge Ave. Theatre loading dock is the second driveway on the left.

AREA HOTELS

Denver Marriott South at Park Meadows 1.8 mi, 10345 Park Meadows Drive, Lone Tree, CO 80124 303.925.0004 www.marriott.com/hotels/travel/denms-denver-marriott-south-at-park-meadows

Hampton Inn and Suites 1.6 mi, 10030 Trainstation Circle, Lone Tree, CO 80124 1.800.426.7866 www.hamptoninn3.hilton.com/en/index.html

TAXI

South Suburban Taxi 303.888.8888 www.southsuburbantaxi.com Metro Taxi 303.333.3333 www.metrotaxidenver.com

LAUNDRY

Dependable Cleaners 2.6 mi, 8200 S Quebec St # A16, Centennial, CO 80112 303-740-6036

PARKING

Trucks may not be left in the loading area of Arts Center lot after unloading. There is sufficient street parking around the Arts Center and in the lots and garage across the street for most users.

LOAD-IN AREA

Load-in is at street level. Loading area can accommodate two 24' trucks. Semi-trailers must unload via ramp at the loading area. Dimensions: Loading door, 9'8" x 9'8". See – Location Map page 2.

TIME ZONE

The Arts Center is in the Mountain Time Zone and does recognize Daylight Savings Time.

Courtyard by Marriott/Denver South Park Meadows 3.7 mi, 8320 S. Valley Highway, Englewood, CO 80112 720.895.0300 www.marriott.com/hotels/travel/deniv-courtyard-denver-south-park-meadows-mall

Residence Inn/Denver South Park Meadows Mall--Extended Stay Hotel 3.7 mi, 8322 S. Valley Highway, Englewood, 80112 720.895.0200 www.marriott.com/hotels/travel/denvn-residence-inn-denver-south-park-meadows-mall

> Towne & Country Limousine 303.576.8123 www.tclimo.com

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RESTAURANTS WITHIN WALKING DISTANCE

Via Baci Italian Bistro 10005 Commons Street #200 303.790.0828

Sushi-Rama 10012 Commons St bldg c unit 106 Lone Tree, CO 80124 303.537.5250

Costa Vida 10005 Commons Street #280 720.895.3663 Viet Pho Vietnamese Restaurant 9231 East Lincoln Avenue 303.662.8830

John Holly's Asian Bistro 9232 Park Meadows Dr 303.768.9088

Snooze 10002 Commons Street 720.583.6819 Newk's Eatery 10012 Commons St 720.630.7871

Numerous fast food restaurants & Sprouts grocery store are in walking distance.

RESTURANTS THAT DELIVER

Anthony's Pizza & Pasta 720.519.7854 Jimmy John's Sandwiches/Subs 303.708.1999

MANAGEMENT

Fax and copy machine In the LTAC administrative area on the main level

Green Room Located one flight below stage, adjacent to dressing rooms. Size 15' x 18'

Stage Manager/Company Manager Office Located one flight below stage, adjacent to the green room; size 10' x 8'; the direct line to that office is 720.509.1023.

Stage Manager's Console

Booth at rear of orchestra, sliding glass window. 4-channel Clearcom headset system, paging to dressing room and backstage areas. 12-channel Nudigiatal LED cue light system. IR camera w/monitors in booth and lock rail. Four wireless Clearcom belt packs + 6 wireless half duplex radios tunable to intercom channel A. Radios work on freq. 466.7375 and private channel 451.7375.

Rehearsal Room(s) 17' x 35' room on lower level, adjacent to green room Our 40' x 60' Event Hall may be available, depending on building's schedule

Crews Non-union

Performer/Crew Handicapped Access

Backstage entrance at street level, no steps. Elevator access to dressing room area and control booth. Orchestra pit is accessible from basement level via wheelchair lift up 6 steps or from pit elevator.

Policies

House opens one half hour before curtain. Alcohol sold at concessions. Drinks, but NOT FOOD, are allowed in theatre. This is a smoke-free facility. No smoking within 25 feet of any entrance.

Merchandise Sales

Merchandise can be sold only by advance arrangement with Box Office management. A 20% commission will be retained by LTAC on all sales. Applicable sales taxes will apply.

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Technical Information



CARPENTRY - MAIN STAGE

Seating

480 seats with 14 additional seats with removed orchestra pit. See Seating Chart page 11

Stage Dimensions

Proscenium: 44' x 22' Plaster line to rear wall: 37' Plaster line to pit: 4' Pit opening: 8' x 40'

Wing Space Stage Right: 15'6" Stage Left: 19'3" No obstructions

Grid Height There is no grid: under-hung loft block system: 49' deck to beams

Stage Height Relative to auditorium floor: 3'5"

Stage Floor

 $14^{\prime\prime}$ Hard Board over double layer of $34^{\prime\prime}$ plywood, painted black; in excellent condition. Fasteners may be used in this floor. There are no traps.

House Draperies

House Curtain: Two panels 27' x 23' IFR synthetic red velour. Location: US 1'5", can be flown or drawn cross stage on track manually. 46' x 6' teaser: US 0'7"

Legs: Eighteen 7' x 23' black velour flat; ten 6' x 23' black velour side tabs

Borders: Five 52' x 10' black velour flat

Full Stage: Two 27' x 23' black velour traveler curtain panels with 75% fullness and curtain track; two 26' x 23' black velour flat sewn panels

Scrims: One 50' x 23' black sharkstooth Cyclorama: One 50' x 23' bleached muslin, seamed

Line Set Data

Line Plot: 43 working line sets plus teaser, house curtain. Orchestra shell ceiling pieces on line sets 7, 18, 29 which cannot be moved. See - Line Set Schedule.

Working Height of Battens: High trim: 46'3", low trim: 4'0" Battens: 43 working sets 52' long; 1.5" schedule 40 truss batten; five lift lines on 12' centers.

Type: Single purchase, motor assist on orchestra shell ceiling lines 7, 18, 29

Arbor Capacity: 1,500 pounds per pipe

Available Weight: 486 @ 22 lbs. 972 @ 43.5 lbs. Total of 52,800 lbs Loading Gallery: Location: stage right at 38'9" above stage, access via straight ladder

Pin Rail: Location: one each stage left and right at 24' above stage, access via straight ladder

Support Areas

Crossover Location: Upstage hallway at stage level, 7'6" wide Access: From backstage to lobby - through service hallway stage left; From stage to house - via doors stage left and right behind sound reflectors into side aisles; From stage to dressing rooms & green room - via stairwells stage left and right off upstage hallway

Storage: 20' x 16' receiving/assembly area located at loading doors available

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CARPENTRY - EVENT HALL

Seating Flexible space with maximum occupancy of 200

Dimensions Main area: 56' x 42' attached suites: 28' x 23' ea. Movable partition wall to configure space into 1-3 rooms

Grid Height 20' above main area – 5' x 5' pipe grid

Flooring Vinyl roll flooring on concrete

House Draperies Chocolate brown velour across north wall for acoustical/light control purposes

Tables and Chairs 20 @ 60" rounds 20 @ 72"x30" rectangles 180 armless banquet chairs (Burnt Orange color) chocolate brown linens for all tables

Support Areas Catering Prep Room: 12' x 18' with sink, ice machine

CARPENTRY - TERRACE THEATRE

Seating

Outdoor amphitheater: max capacity of 350. 200 white resin folding chairs for orchestra section. Lawn for blanket seating on two terraces behind orchestra for an additional 150.

Stage Dimensions Main area: 60' x 14' angled front stage, backed by glass wall which can open to 28' w x 15' h entry into Event Hall

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STANDARD RIGGING SCHEDULE - *SUBJECT CHANGE

Unless noted all battens are 52' long truss battens. Low trim is 4'0" above the deck. High trim is 46'6" above deck.

Line #	Dist. From PL	Description	Notes	Bricks	Trim Height
Dead Hung	0'3"	Pros. Reducer Legs	6' x 24' on traveler track; Brown Velour	n/a	
T	0'7"	Teaser	Red Velour; 100% fullness	2	18'6"
HC	1'5"	House Curtain	56' wide - red velour - draw/fly 100% full	12.5	
I	2'11"	#I Electric		18.5	25'0"
2	3'7"				
3	4'3"				
4	4'11"	#I Border		2.5	20'10"
5	5'7"	#I Leg	Leg width 9'6''; opening 40'	2	
6	6'3"	2 @ Meyers	Stage Monitors	2.5	
7	7'1"	#I Ceiling Shell	Not movable	18.5	
8	8'5"	#2 Border		2	20'3"
 7	9'1"	#2 Leg	Leg width 9'6"; opening 40'	2	
10	9'9"				
	10'5"	#2 Electric		17	25'0"
12					
12	11'9"				
13	12'5"	Full Stage Traveler		9.5	
15	12 5	Projection Screen	13'h x 23'w FP	3	
15	13'9"	#3 Border		2	20'5"
17	14'5"	#3 Leg	Legwidth 10'''' exercise 29'	2	20.5
17	14 5	#2 Ceiling Shell	Leg width 10'6''; opening 38' Not movable	18.5	
10	16'7"	#3 Electric	Not movable		25'0"
	167	#3 Electric		9.5	25 0
20					
21	17'11"				
22	18'7"				2014
23	19'3"	#4 Border		2	20'6"
24	19'11"	#4 Leg	Leg width 7'0"; opening 36'	1	
25	20'7"				
26	21'3"				
27	21'11"	#4 Electric		16	25'0"
28	22'7"				
29	23'5"	#3 Ceiling Shell	Not movable	19	
30	24'9"				
31	25'5"	#5 Border		2	20'8"
32	26'1"	#5 Leg	Leg width 12'6"; opening 34'	2	
33	26'9"	Black Scrim	23'h x 50'w	1	
34	27'5"	#5 Electric	Cyc Lights	3	23'6"
35	28'1"				
36	28'9"	#6 Electric	U.S. Orch. Lights	2	
37	29'5"				
38	30'1"				
39	30'9"				
40	31'5"	White Cyclorama	23'h x 50'w Seamless	2	
41	32'9"	Black Wall	2 piece 23'h x 26'w ea.	2.5	
42	33'5"				
43	34'I"				
44	34'9"				
45	35'5"				
46	36'1"	Star Drop (storage)	2 illuminators, 3 circuits; 35'x20'	3.5	

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7

Technical Information

LIGHTING- MAIN STAGE

Power

Company switch USR wall. 120/208V; 3 phase, 400A/leg camlock.

Dimmers

270 @ 2.4kW (stage) 12 @ 2.4kW (house). ETC sensor racks.

Control Board

ETC Ion with 40 submasters located in control booth, rear of orchestra.

Houselights

ETC Paradigm control stations in control booth house and backstage.

Main Stage - Stage Lighting Fixtures

Circuits

270 @ 2.4kW (stage). Onstage electrics are soft cabled via 18 sixcircuit multicables. Circuit plot available upon request.

Front of House Transfer

Not available.

Control Board

Houselights

Front of House Positions Catwalk #3 – 45 degree angle, 50' throw; catwalk #2 – 60

degree angle, 38' throw; catwalk #1 (9 portholes 18" square are the only lighting positions accessible from this catwalk) – 20 degree angle, 24' throw.

ETC Element 40 sub/2 scene preset located in control booth.

ETC Paradigm control stations in control booth.

All instruments, cable and circuits use 2P&G connectors. Lighting inventory may be swapped between halls.
Check with LTAC TD for current status and availability for your event.

Quantity	Description	Quantity	Description
10	Ellipsoidal - 10 degree 575w Source 4	17	ETC PARNel - 575w
34	Ellipsoidal - 19 degree 575w Source 4	34	Source FourPAR w/ lens kit: VNSP-27/NSP-32/MFL-49/WFL-34
42	Ellipsoidal - 26 degree 575w Source 4	18	ETC Selador Desire D60 Vivid w/ lens kit
60	Ellipsoidal - 36 degree 575w Source 4	18	ETC ColorSource Cyc lights
10	Ellipsoidal - 50 degree Source 4	6	Moving Light—SolaSpot Pro CMY LED
	**only 146 bodies; 12 barrels without bodies	2	Robert Juliet - OZ LED (600w)

LIGHTING- EVENT HALL

Power Company switch NW wall. 120/208V; 3 phase, 200A/leg camlock.

Dimmers

60 @ 1.2kW - 10 @ 6 circuit ETC Smart Bars.

Event Hall Stage Lighting Fixtures

Lighting inventory may be swapped between halls. Check with LTAC TD for current status and availability for your event.

Quantity	Description	Quantity	Description
4	Ellipsoidal - 36 degree 575w Source 4	30	ETC PARNeL - 575w
12	Altman Ik Outdoor PAR (for use In Terrace Theater)		

LIGHTING ACCESSORIES

Ample quantities of stage pin cable of various lengths between 2' and 50', 3' twofers, F Edison \rightarrow M stage pin adapters, M Edison \rightarrow F stage pin adapters. 25' and 50' 6 circuit Socapex multicable w/ stage pin breakins and straight breakouts; please inquire for availability. Ample quantities of 5-pin DMX cable of various lengths between 5' and 25'. F 3-pin \rightarrow M 5-pin DMX adapters, M 3-pin \rightarrow F 5-pin DMX adapters.

8@ 10' booms w/ 50lb boom bases. 28 18" side arms w/ single tee. 10 @ A-sized, 30 @ B-sized pattern holders. 14 @ drop-in S4 iris. 24 @ 6 ¼" color extenders. 30 @ 7" barndoors. JDAY /20.509.1010

Technical Information

SOUND- GENERAL

Power

Edison outlets throughout building with Orange or Green Triangle indicated an isolated ground dedicated to Sound and Video Power

Monitor/Paging System

Feed comes from microphones throughout facility, SM Clear-com station, and mixer inputs. A separate, rack-mounted mixer is located in each booth for controlling feed to the paging systems speakers. Speaker locations in backstage hallways, dressing rooms, wardrobe, green room, crew room, SM office, Box Office, Lobby, and Admin Offices.

Microphone Inventory

8 Wireless handheld microphone	Shure	ULXD2/beta 58 OR Beta 87A
6 Wireless beltpack	Shure	ULXS14
12 Wireless beltpack	Shure	ULXD1-G50
8 Wireless beltpack	Shure	ULXD1-J50
12 Lavalier microphone	Countryman	B6
12 Earset microphone	Countryman	E6
4 Wireless Instrument microphones	Shure	WB98 H/C
4 Wired handheld microphone	Shure	Beta 58
4 Wired handheld microphone	Shure	SM 58
4 Wired handheld microphone	Shure	Beta 87A
4 Instrument microphone	Shure	Beta 57
4 Instrument microphone	Shure	SM 57
4 Instrument microphone	Shure	Beta 98 H/C
4 Instrument microphone	Shure	Beta 98 AD/C
4 Instrument microphone	Shure	SM 81
1 Instrument microphone	Sennheiser	e906
4 Condenser microphone	Shure	KSM 137
2 Condenser microphone	Audio-Technica	AT 4033
3 Podium microphone	DPA	4023
1 Piano microphone kit	DPA	4061 kit
3 Boundary microphones	Crown	PCC 160
1 Condenser boundary microhphone	Shure	Beta 91A
2 Hanging condenser AT	Audio Technica	U853a
3 Microphone/stand system	Earthworks	FW730
1 Drum microphone kit	Audix	DP 5A kit
2 condenser	AKG	c314

Direct Boxes

3 Livewire SPDI passive direct box6
3 Livewire PDI passive direct box
4 Radial J48 active direct box
1 Radial ProD2 stereo passive direct box
2 Whirlwind PCDI stereo passive direct box for media devices

Portable Speaker Inventory

8 Meyer UPJ 1P self-powered speakers 2 QSC K12 self-powered speakers with Ultimate stands

Cable

Ample quantities of each of the following: various lengths of microphone cables, between 10' and 100'. Various lengths of PowerCon cables between 10' and 50'. Various lengths of Male Edison to PowerCon adapters between 5' and 50'. 5 @ PowerCon quad box. 4 @ 50' 6 ch. Whirlwind snakes.

Microphone Stands 11 @ straight stands 2 @ small boom stands House owns a wide variety of

13 @ tall boom stands4 @ tabletop stands

15 @ medium boom stands 4 @ stereo microphone bar

House owns a wide variety of connectors and adapters; please inquire for specifics.

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Technical Information

SOUND- EVENT HALL

Power Company switch DSL – 120/208v/3 phase/100 amp per leg – Isolated Ground transformer **Control Locations** Booth location on West Wall in main room **Hearing Assist System** Listen system with LT-800 main station, LR-400 portable receivers and LA-164 ear speakers

Mixing Console Yamaha TF1 32 ch. digital console

Playback Computer Playback: IMac

Microphones 2 Wireless Handheld Microphone 2 Lavalier microphones w/ beltpacks

Shure ULXD2/Beta 58 ULXDI-H50, Shure WL185

Speakers Ceiling speakers: 21 QSC AD-C152T powered by QSC CX902 Program speakers: 9 QSC AD-S82 powered by QSC PL325 CX902 & CX1102

SOUND- MAIN STAGE

Power Company switch DSL – 120/208v / 3 phase / 100 amp per leg – isolated ground transformer

Wiring Audio Device Layout PDF available upon request

Control Locations

Booth location at rear of orchestra w/SM and Lighting control – 56' from stage; house mix position at cross aisle center house, not under balcony – 38' from stage. House mix position is 12' w x 4' deep. 12" straight pull conduit from DSL to House mix - 50' in length.

Hearing Assist System Inductive loop -This system will take appropriate input from the house sound system based on each performance.

Production Communications

Clearcom 4 channel system with MS 704 base station in booth. Hard wired intercom plates & belt packs distributed throughout theater, dressing room level, FOH. 4 Clearcom wireless belt packs. 6 i-com walkie-talkie half duplex units connected to Com through Production Intercom interface. Mixing Console Yamaha CL5 72 channel digital console

Fixed Speakers L/R speakers: d&b Yi8 line array 6 boxes per side Subwoofer: 4 d&b Yi-sub Center speaker: 1 d&b Yi 10 speaker Front fill speakers: 5 d&b E6 loadspeakers Amps – 3 d&b D20 amps

Playback Computer Playback: IMac & MacBook with Roland Octa-Capture

Signal Processors d&b DS 10 Audio Network Bridge

Spare Amplifiers 4 unassigned QSC PL325 amps located in booth racks–

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PROPS

Orchestra Pit

40' w by 8' depth @ 8'-8" below stage level. Serepid rigid chain lift elevator. Pit access from basement level is up a short flight of 6 steps equipped with wheelchair lift.

Piano Yamaha C7 concert grand

Chairs 80 padded armless orchestra chairss

Stands 50

Stand lights 35

Conductor Podium 1 @ 32" x 38" adjustable from 16" to 24" w/ removable railings

Orchestra Shell Secoa Maestro shell – 7 wall sections w/ doors @ 12' wide; 3 ceiling sections @ 8' deep with built in lighting (ETC S4 PAR)

Platforms 16 @ 4' x 8' Wenger Versalite – adjustable from 8' to 16" 10 @ 4' x 6' Wenger Versalite 4 @ 4' x 4' Wenger Versalite

Dance Floor StageStep Bravo portable floor - 4 rolls of 6' x 40'

Lecterns 1 full size, 1 pedestal model, 2 table top

Notes Slop sink located in janitor closet adjacent to receiving doors

WARDROBE

Dressing Rooms

2 @ chorus – 16' x 22' w/12 lighted make up stations, sink, toilet and shower; 2 @ 15' x 10' w/4 lighted make up stations, sink, toilet and shower

Wardrobe Area

30' x 16' room located on basement level adjacent to dressing rooms

Iron 1 Shark Pro 1600 watt

Ironing board 1 Poldar deluxe

Steamer 1 Jiffy Pro

Washer/dryer 1 set in wardrobe area

Racks and Hangers 6 Z-racks @ 5' long by 6' high

Quick Change Booths None

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Technical Information

VIDEO

Power Shared with audio on same isolated ground transformer.

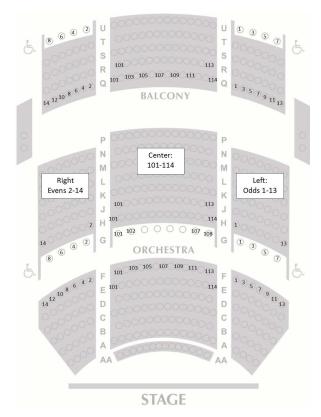
Control Locations Main Stage: control booth. Event Hall: control booth.

Wiring Audio Device Layout PDF available upon request

Main Stage Camera: Vaddio 999-6950 HD PTZ camera near control booth with joystick control in booth. Projector: Barco RLM-W14 Screen: DaLite 99796 13' x 22' fast fold screen. Hung on Line Set

Event Hall Projectors: Christie LHD 700 7000 lumen LCD digital projectors (2 – hung from pipe grid) Screens: Draper 16:9 Premier electric screen 90"H x 160"W (2)

MAIN STAGE SEATING CHART



House Left 14 12 10 8 6 4 2

Center 101 102 103 104 105 106 107 108 109 110 111 112 113 114

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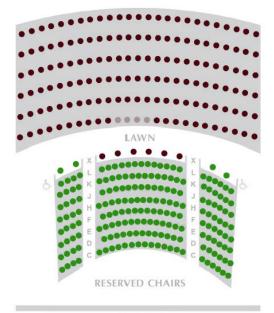
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House Right 1 3 5 7 9 11 13



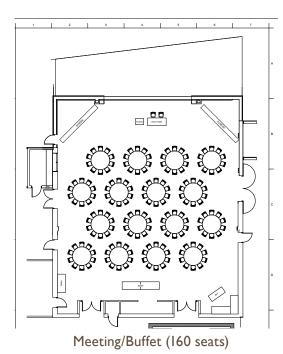
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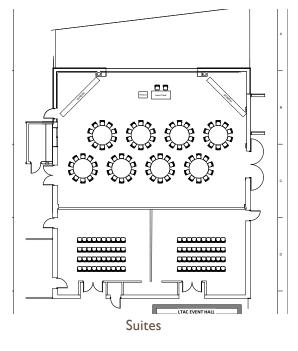
TERRACE THEATER SEATING CHART



STAGE

EVENT HALLSET UP EXAMPLES





TECHNICAL INFORMATIO

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