



ADLER THEATRE

Technical Specifications

Packet Revised Oct 2025

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The Adler Theatre is a VenuWorks managed facility



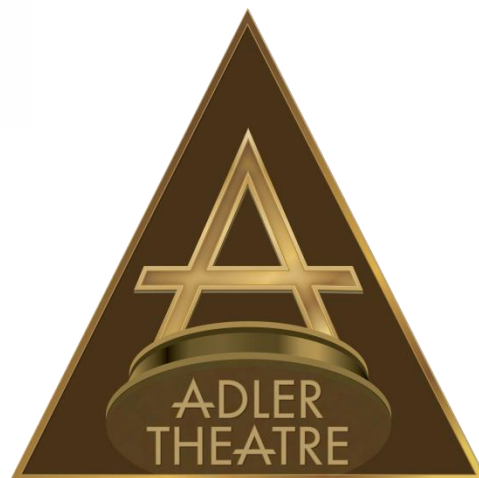
Adler Theatre

Technical Specifications Packet

Part of the RiverCenter / Adler Theatre Complex
A Venuworks Managed Facility

RIVER  CENTER


VenuWorks
management | events | consulting



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Stage Info

Power:

Two (2) –SL 400 Amp / 3phase Company Switches with Camlock (**all female** connections) plus Bare Wire Tie-Ins

One (1) --SR 400 Amp / 3phase Company Switch.

One (1) –SR 200 Amp / 3phase Panel w/isolated ground.

One (1) 60 Amp Panel located at a second level/floor placement. A 75'0" cable run from SR Three (3) *Shore Power* (60 Amp / 240vt) disconnects on outside wall facing the Load-In parking lot, for bus tie-ins. Busses need to supply cabling & connections. (2) have NEMA 14-50r sockets. Adler has yellow jackets to cross the fire lane.

Stage

Dimensions

Proscenium Opening <i>Main curtain used as downstage legs when open</i>	59' 4" [18.08m] wide (main curtain is 40' [12.19m] between inside edges) & 27' [8.23m] high
Stage Depth	40' [12.19m] from plaster line to back wall 37' [11.28m] from lineset #3 to back wall Main curtain (lineset #2) is 2' 1" [63.5cm] from plaster
Stage Width	80' [24.38m] from SR wall to scene lift on SL, 38' [11.58m] SL of center stage & 42' [12.80m] SR of center stage
Lineset Weight Capacity <i>Married linesets are 2 battens programmed together to act as a single lineset</i>	800lbs [362.87kg] (single); 1600lbs [725.75kg] (married) Linesets will not move if overloaded
Batten Width	64' [19.51m]
High Trim for Linesets	64' 9" [19.74m]
Floor to Grid Height	69' [21.03m]
Apron Depth Before Pit	6' [1.83m]
Orchestra Pit Depth	12' [3.66m] total at center line, 6' ½" [198.12cm] for inner platform and 5' ½" [167.64cm] for outer platform
Orchestra Pit Width	Approximately 45' [13.72m] along DS edge, and 50' [15.24m] at its widest
Orchestra Pit Height (At Stage Level)	3' ½" [106.68cm]
Orchestra Pit Height (Below House Level For Pit)	5' ½" [167.64cm]

Floor:

Concrete base; covered with black Polyonyx 4x8 sections of flooring. Floor somewhat hard but deemed adequate for dance. Screwing or lagging into the floor if deemed necessary will be charged \$1 per hole to cover repair costs and **must be approved**.

Stage as seen from balcony



Independent platform levels of Orchestra Pit

**Rigging:**

Upstage of the plaster line motor points are available almost anywhere along grid iron. Four permanent one ton motors are rigged for the house left and right speaker arrays, approximately 8' 6" [2.59m] downstage of the plaster line at 19' [5.79m] and 21' [6.4m] off either side of the center line. These are controlled from SR.

Additionally, downstage of the plaster line there are a total of seven (7) points. Distance between sound arrays is approximately 37' [11.28m].

1st line 6' [1.83m] downstage of proscenium at 8' [2.44m] and 30' [9.14m] off either side of center. *(Shown in picture below.)*

2nd line approximately 22' [6.71m] downstage of plaster line at 15' [4.57m] off either side of center.

Picture of rig portals front of Proscenium Arch

**Fly System:**

The stage is equipped with an automated rigging system (Vortek) with standard Schedule 40, 1.5" [3.8cm] ID pipe (approximately 2" [5.08cm] OD) operated from stage right. 800lbs [362.87kg] (single batten) 1600lbs [725.75kg] (married). {ETC services the Vortek Systems}

Linesets will not move if overloaded

Soft Goods:

Main Curtain is a manual traveler of Burgundy Velour (acts as DS legs when open)

Main Valance is of Burgundy Velour

(4) Sets of Black Velour legs at 14 x 28 [4.27m x 8.53m]

(6) Black Velour Borders at 65 x 12 [19.81m x 3.66m]

(3) Full Stage Black Velour Travelers

(1) Full Stage CBS White Cyclorama

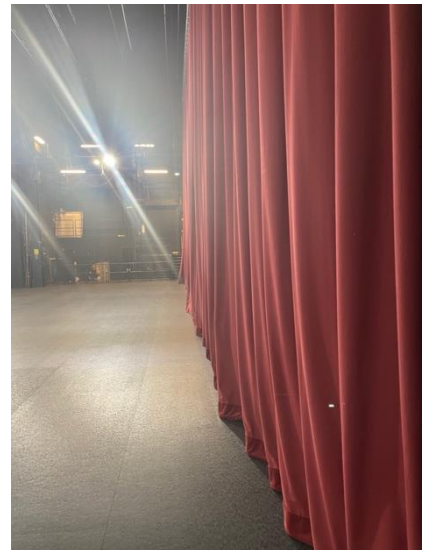
(1) Full Stage Black Scrim

(1) Full Stage White Scrim

Linesets:

There are NO dedicated Electric battens. Multi-cables are available and electrics can be hung from most linesets provided it is not too close to other existing fly material.

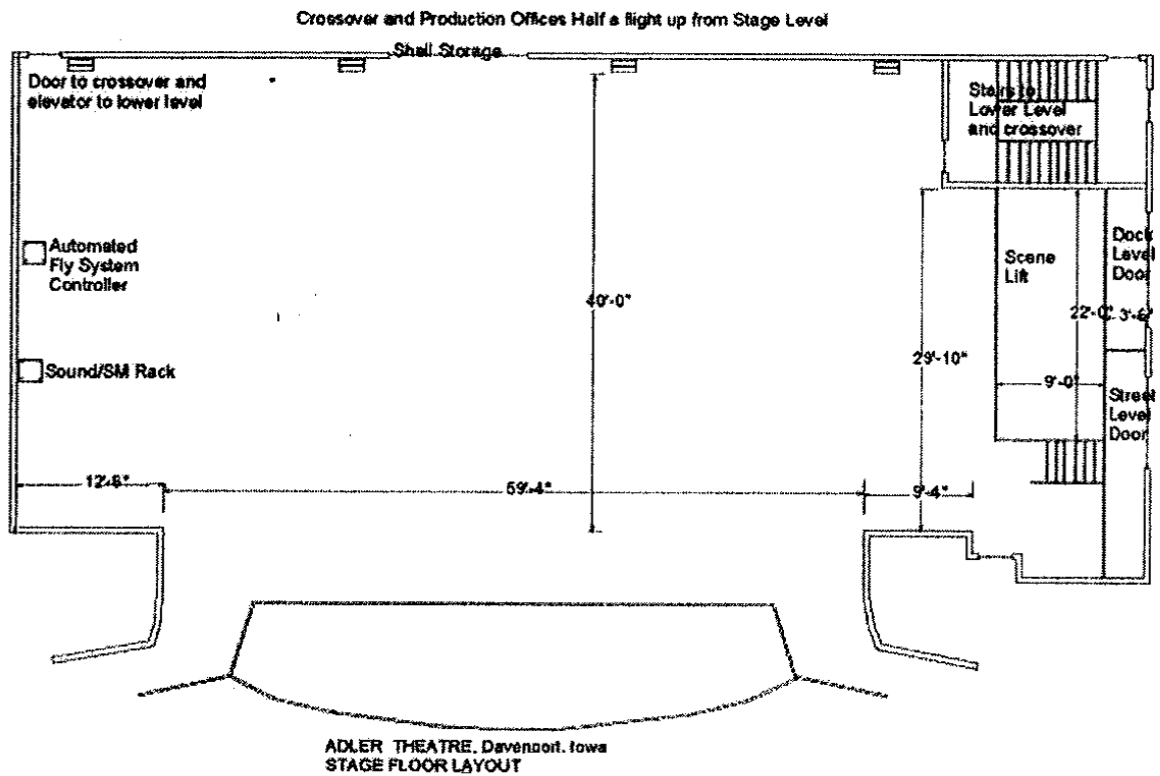
Orchestra Shell Ceiling Linesets, Movie Screen, and Traveler Tracks cannot be removed.



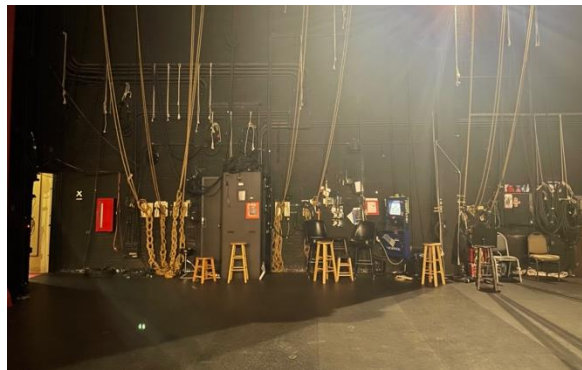
Adler Theatre Lineset Schedule			
Lineset	Distance From Proscenium	Meters	Standard Rigging
0	0' 2"	0.05	Fire Curtain *
1	1' 3"	0.38	Main Valance *
2	2' 1"	0.64	Main Curtain *
3	3' 0"	0.91	
4	3' 9"	1.14	#1 Border
5	4' 6"	1.37	
6	5' 3"	1.60	#1 Orchestra Shell Ceiling *
7	6' 0"	1.83	
8	7' 6"	2.29	#2 Border
9	8' 3"	2.51	Black Traveler/Border or Legs *
10	9' 0"	2.74	
11	9' 9"	2.97	#1 Legs
12	10' 6"	3.20	
13	11' 3"	3.43	
14	12' 0"	3.66	
15	12' 9"	3.89	#3 Border
16	13' 6"	4.11	
17	14' 3"	4.34	#2 Orchestra Shell Ceiling *
18	15' 0"	4.57	
19	15' 9"	4.80	#2 Legs
20	16' 6"	5.03	
21	17' 3"	5.26	
22	18' 0"	5.49	
23	18' 9"	5.72	Mid-Stage Black Traveler *
24	19' 6"	5.94	
25	20' 3"	6.17	#4 Border
26	21' 9"	6.63	#3 Legs

Adler Theatre Lineset Schedule			
Lineset	Distance From Proscenium	Meters	Standard Rigging
27	22' 6"	6.86	
28	23' 3"	7.09	#3 Orchestra Shell Ceiling *
29	24' 0"	7.32	#5 Border
30	24' 9"	7.54	
31	25' 6"	7.77	#4 Legs
32	28' 6"	8.69	
33	29' 3"	8.92	
34	30' 0"	9.14	#6 Border
35	30' 9"	9.37	
36	31' 6"	9.60	Up-Stage Black Traveler *
37	32' 3"	9.83	
38	33' 0"	10.06	#4 Orchestra Shell Ceiling *
39	33' 9"	10.29	
40	34' 6"	10.52	
41	35' 3"	10.74	
42	36' 0"	10.97	Black Scrim
43	36' 9"	11.20	White Scrim
44	37' 6"	11.43	Movie Screen *
45	38' 3"	11.66	Cyc

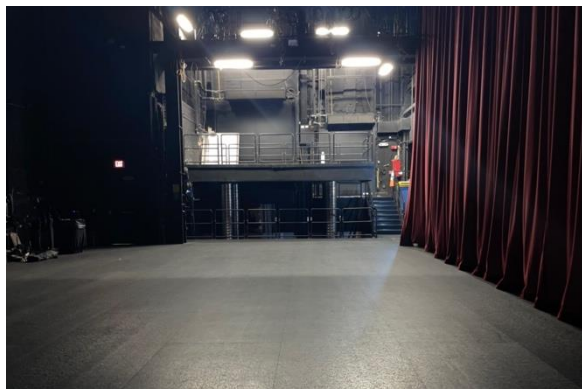
(*) Permanently rigged items



Stage
Right



Stage
Left



Lighting System

House Console/Control:

House dimmers are (1 – 260).

ETC Sensor + dimmers are accessed by Net2 Ethernet protocol or DMX 512 from programed Nodes located throughout the theatre. Current nodes are located FOH (Road Show area), SR & SL walls and other locations.

House has an **ETC IONxe 20 Light Console** with the most current software.

House does not have ETC Non-Dim Modules.

House light control is through a Unison Architectural Control System and can be operated from the FOH light booth or from DSR proscenium wall.

House light dimmers are (261–281).

Follow Spots:

(3) Lycian 3K 1295



Front of House:

(24) Dimmers, 2nd ceiling cove with a 75 throw

(12) Dimmers, 1st ceiling cove mid to downstage focuses only, 60 throw

(30) Dimmers, (15 SR, 15 SL) permanent sidewall coves (Box Booms) 5 doors per side.

(4) Dimmers, balcony rail

We ask that balcony rail fixtures are limited and attempts are made to locate them at certain locations due to audience sight-line issues. Options for moving fixtures are possible from the rail, but will need to be consulted with the venue LD prior to confirmation.



1st COVE: Nearest to Stage – Limited and difficult hang position! Angle only allows for Apron Coverage. Wire grate and pipe position makes hang / focus difficult. Ten to Twelve (10-12) randomly placed circuits/dimmers. Currently have 6 to 8 360Q units hung w/750 wt lamps. Used Rarely

Lighting System Continued

2nd COVE: Farthest from Stage – Six (6) bays across (straight on Lighting) with four (4) ETC S4 10° units per bay lamped 750wt. Twenty-four (24) lighting units total. Thirty (30) circuits/dimmers available. One 120vt / 20Amp Edison Outlet at Center.

Takes 5-10 minutes to access Coves from Deck. Circular 1930s style staircase. Bridge is very narrow with grated floor. Need to kneel or sit to focus. Wire mesh in front of Lt. units w/small opening.

If substituting units, have to rope up (50+ feet) from a second level position. Takes at least four hands to do a major substitution of units.

Balcony Rail: Middle of House – Curved Balcony Rail w/only four (4) working circuits/dimmers available. Rail has limited weight capacity – only held by 1 inch wood screws at six locations. No structural assessment of weight capacity. Any conventional fixtures need to be hung straight out due to sight line issues. Normally, do not allow more than six (6) fixtures to be hung there. Moving fixtures require venue LD approval.

Box Boom: House Right & House Left – Five (5) openings per side / three (3) bays far and two (2) bays near. Top two far bays have four (4) ETC S4 19° units (575wt) - plugged separately. Bottom far bay/door has three (3) ETC S4 19° units. The Near bays have two (2) ETC S4 15-30° zoom units.

Bay doors only allow for limited focus. **Openings are approximately 2'0" by 6'0" with a door opening into the space.** Top bays often Cross-focus to deal with hanging sound towers near the box boom positions.

On Stage Electrics:

Electrics on battens are accomplished using 20 (6 Circuits) multi-cables and breakouts for a total of 120 flown dimmers.

Additional Dimmers are located:

- (4) Dimmers DS Left
- (4) Dimmers DS Right
- (4) Dimmers US Left
- (4) Dimmers US Right
- (24) Dimmers mirrored 21 SL and SR
- (4) 6K Dimmers 21 SR
- (12) Dimmers on Grid



All Circuits are 2P&G connectors

There is a 2P&G panel for direct access to FOH circuits **Stage Left**. Never Used! Could be used to directly patch the circuits to your dimmers with prior arrangement. Most just access House circuits through DMX 512 or the Net2 interface.

Lighting System Continued

Undedicated Lighting Instruments:

(50) ETC Source Four Par

(5) ETC Source Four 19° {The rest are in box boom positions}

(12) ETC Source Four 26°

(6) ETC Source Four 15° - 30° Zoom

(5) ETC Source Four 25° - 50° Zoom

(18) 175Q 8" Fresnel

(5) Colortran Far Cyc

No dedicated linesets are assigned for electrical only

(18) 8" Barn Doors

Lamp info

All ETC units other than FOH are 575wt (HPL)

All 8" Fresnels are 1Kw (BVT)

ETC Par units have full set of flood lenses (Narrow, Medium, Wide, Extra Wide)

2nd Cove Dedicated Lighting Instruments:

(24) ETC Source Four 10°

All 750wt (HPL)

Box Boom Dedicated Lighting Instruments:

(11) ETC Source Four 19° SR

(11) ETC Source Four 19° SL

(2) ETC 15-30° Zooms both SR & SL

FOH Dimmers Numbers

Please refer to page 20

Sound System

Decibel Levels: Please note that decibel levels in excess of 100db at house center have created issues with our venue. We desire for the touring company and patrons to have an enjoyable yet safe event, therefore we ask that decibel levels do not exceed 100db. The 90db – 100db range has been deemed the optimum maximum level that patrons find desirable without putting them or the venue at risk.

Front of House Mix:

Sound Booth located near the rear of the house with complete audio monitoring capabilities from inside.

Large level mix position, approximately 8' x 20' [2.44 x 6.10m] is cleared of seating at the rear of section B (SR center of main floor). Located approximately 90' [27.43m] from DS edge.

Snake run from SR is approximately 150 [45.72m] (200'+ [60.96m] of cabling is recommended.) **Cabling cannot run through the house for safety concerns.**

Mic/Console Patching is done from rack located off SR

Communications:

ClearCom 4-Channel System with base station located in SR rack.

Other stations include:

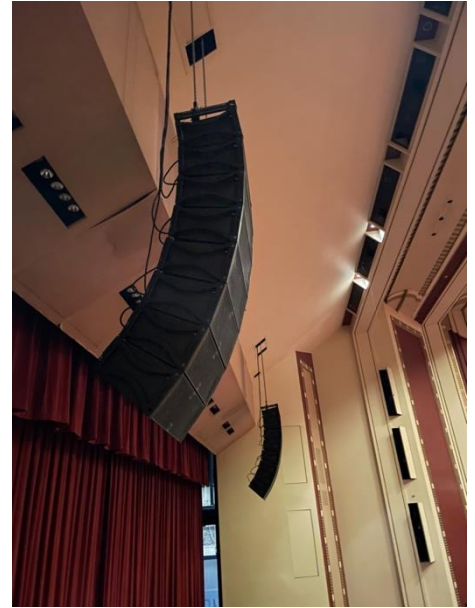
- In-House Mix Position
- Light & Sound Booth
- Spot/Projection Room
- US Left & Right
- DS Left & Right
- Orchestra Pit
- Production Offices
- Paging/Chime to backstage and FOH locations can be operated from SR rack, light booth, and in-house mix position.
- Backstage monitoring/program is a stand-alone system via two stereo mics hanging from the house ceiling.
- Venue uses Listen Technologies model LR-4200-216 assisted hearing devices. A feed to the transmitter is available to patch into FOH.

Sound System Continued

House Equipment:

Allen & Heath SQ7 (33 fader digital board)
 QSC Q-SYS network processor with CXD amplifiers
 Left and Right Arrays (8 per stack) EV XLC-127+
 (4) Passive Dual 21" Subwoofers w/ QSC PLD 4.5 amplifiers
All balcony and house fills run through house board matrix.
Due to house layout, balcony and house fills must be used in most cases to ensure an enjoyable patron experience.
 (4) Yorkville EM378 wedge monitors 12"/2" 350w

MICROPHONES :		Sennheiser ego4n	- 6
Shure ULXD4Q Wireless - 4			
Shure SM 58	- 7	Audix D6	- 1
Shure SM 57	- 8	Audix D4	- 2
Shure Beta 91	- 1	Audix D2	- 3
Shure Beta 56A	- 2	Audix ADX 51	- 6
Shure Beta 52	- 1	Audix ACX one	- 3
Shure SM 81	- 4	Audix OM7	- 6
		Audix I5	- 11
DIRECT INPUT BOXES :		Assorted microphone cables in lengths of 10' - 15' - 25' - 50'	
Radial Pro 48 Active DI	- 4	Two 12 Channel Sub-Snakes	
Radial Pro D1 Passive DI	- 5	Two 6 Channel Sub-Snakes	
Radial Pro D2 Passive Stereo DI	- 4	Assorted Microphone Stands - Short Tripod Boom Tall Tripod Boom Tall Triangle Base	
Shure PSM 900 IEM	- 8 Stereo	Stands for Overheads or Keyboard Vocals and Round Base Straight Stands	



Local I.A.T.S.E. Policies

- Time minimums on an In/Show/Out basis are 4/3/3. Hands who do not work show calls have 4 hour minimums for a load out.
- OT hours occur when either:
 - 8 hours are exceeded between 8am and 1am
 - Hours worked between 1am and 8am
 - 8 hours are not provided between the end of one day and the start of another on multi-day events
 - Hours worked on following legal holidays
 - Martin Luther King Day
 - Juneteenth
 - Memorial Day
 - Labor Day
 - Christmas Eve & New Year's Eve (after 5pm)
 - Stagehand meal period is not met
- Premium hours (DT) occur if a hand already on OT works between 1am & 8am or
 - Hours worked on following legal holidays
 - New Year's Day
 - President's Day
 - Independence Day
 - Thanksgiving Day
 - Christmas Day
- There will be a 15 min break near the 2 hour point of the first call of the day. Coffee, juice, fruit, bagels, etc. will be provided for working crew during this break.
- A meal period will occur after no more than 5 hours of work. This period shall be 1 hour in length and be non-paid. If 1 hour cannot be given, it will be considered as time worked and an on-the-job hot meal will be provided with a meal duration no less than 30 min. A meal penalty will apply if not met and will continue until met.
- The minimum number of hands that can be on a call is 4 Department Heads (Generally these are the Electrician, Audio Technician, Fly Operator and Head Carpenter) **Please note that the Head Electrician, Head Audio Technician, and Spotlight Operators cannot changeover equipment during a show call.**
- Load In may not occur before all Department Heads are present at the scheduled Load In time. Exceptions are made for Departments not scheduled at the start of Load In such as Wardrobe, Hair, etc.
- Load Ins/Outs have a minimum 2 loaders with bus trailers or a 26 truck (Box Truck) and a minimum 4 loaders with a 53 truck.
- Overhead house-owned lighting instruments are cleared by default. House sound array is rigged from permanent motor points by default. House soft goods are set to linesets indicated on schedule by default. **If something other than house default is desired, a separate hang/strip call is required prior to Load In and a restore call is required following Load Out.** Attempts will be made to minimize this cost, but it is not guaranteed.
- Please have all crew call needs submitted (7) days in advance of event. A full crew roster is possible within these parameters. If submitted less than (7) days before event, a full crew will be attempted for the event but cannot be guaranteed.

Support Areas

Note: Storage Space is limited. Some storage is available on the stage level and basement level. Please discuss storage needs with the Production Manager prior to arrival to develop a storage plan.

Stage Level

Production Hallway:

There are two (2) production offices located behind the US Left backwall. Both rooms measure 8 x 11 [2.44m x 3.35m]. Each room has 1 phone line and 1 hard-line high speed internet connection. Backstage/program monitors are accessible in both rooms. There is also an ADA restroom and passenger elevator which can access the theatre basement.

Soloist Room:

An additional room is located off DS Right which can be utilized as a quick changeover area or star dressing room. Please note room is generally suitable for one person at a time. This room includes a mirror, sink, toilet and shower.

Basement Level

Wardrobe Area:

Open area which contains in-house washer/dryer sets and can be used for wardrobe and/or road case storage. A total of 3 washers (2 household & 1 industrial) and 2 dryers (1 household & 1 industrial) are available for use. **Cleaning agents are not provided in-house.** Area is approximately 800 square feet [74.32m²] and is accessible to the Scenery Lift off SL. Doors for the elevator measure 7'H x 9'8"W [2.13m x 2.95m].

Catering/Holding Room:

Adjacent to the wardrobe area is a multi-purpose room which is often used for catering setup or additional road case storage. This room can comfortably seat 30 people and has restroom facilities attached. Backstage/program monitors are accessible in this room.

Orchestra Pit:

Access to the Orchestra Pit is through the Wardrobe area by either a small flight of stairs center stage, or by ADA lift/stairs on SL side of the Pit. Limited quantity of chairs/stands/lights are available for use in this area. Please direct questions to the Theatre Production Manager during the Advance.

Dressing Rooms:

(8) Dressing Rooms are located towards the SR side of the basement. Access is via a flight of stairs US Left, or by passenger elevator located US Right in Production Hallway.

DR #1-2: Featured artist room. Capacity 2

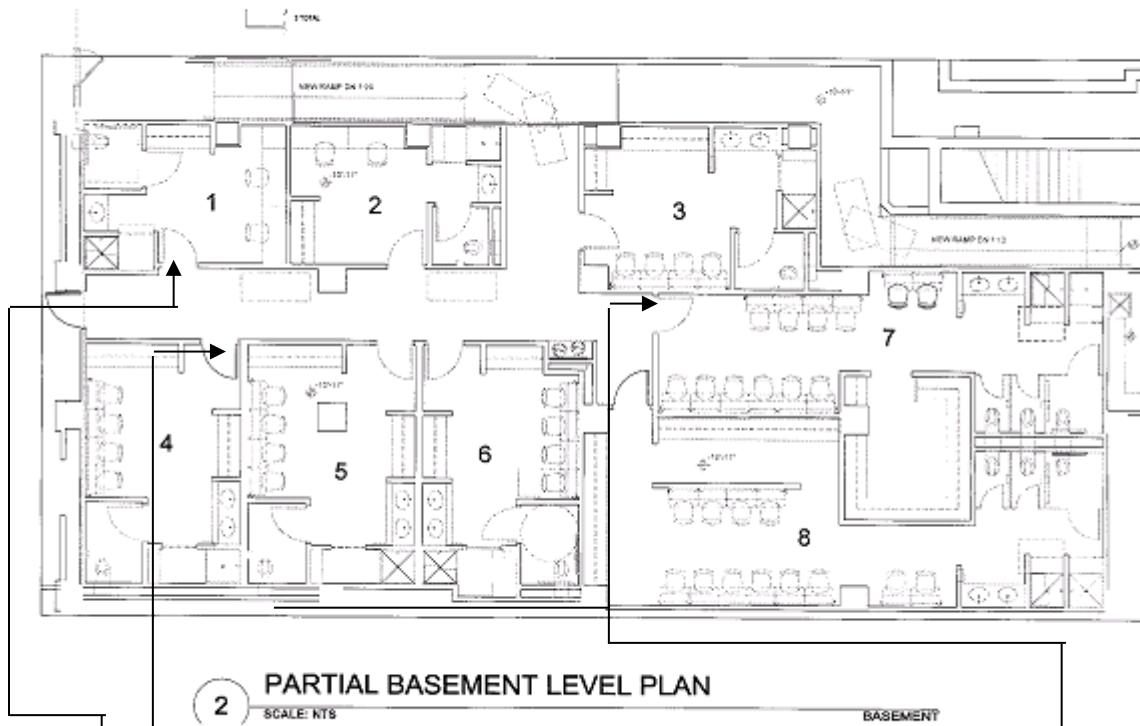
DR #3-6: Standard dressing room. Capacity 4

DR #7-8: Large support/crew room. Capacity 12

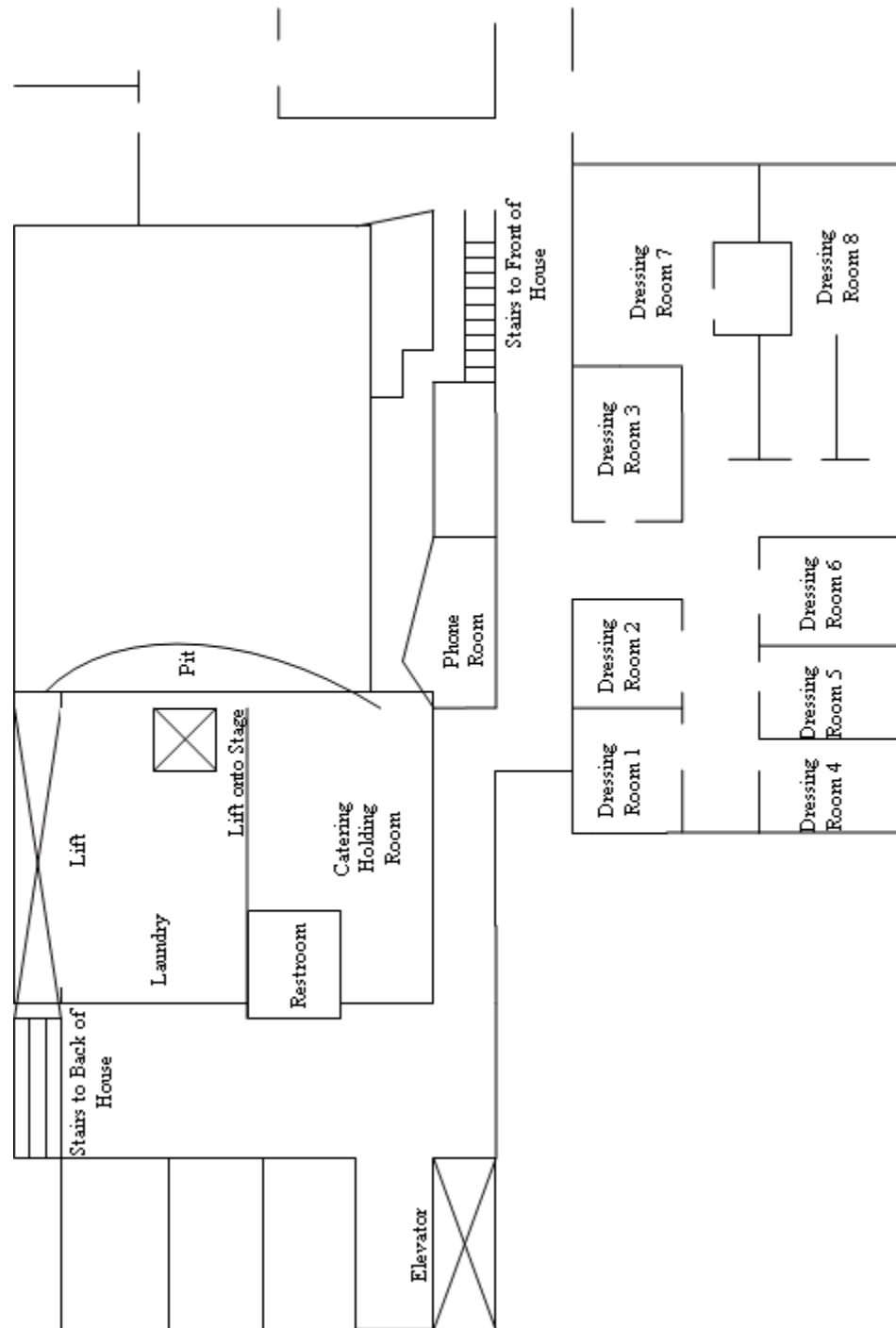
All rooms have sinks, toilets, and showers within them. DR #7 & #8 have 3 toilets and 2 showers. Backstage/program monitors are also accessible in all rooms.

Internet:

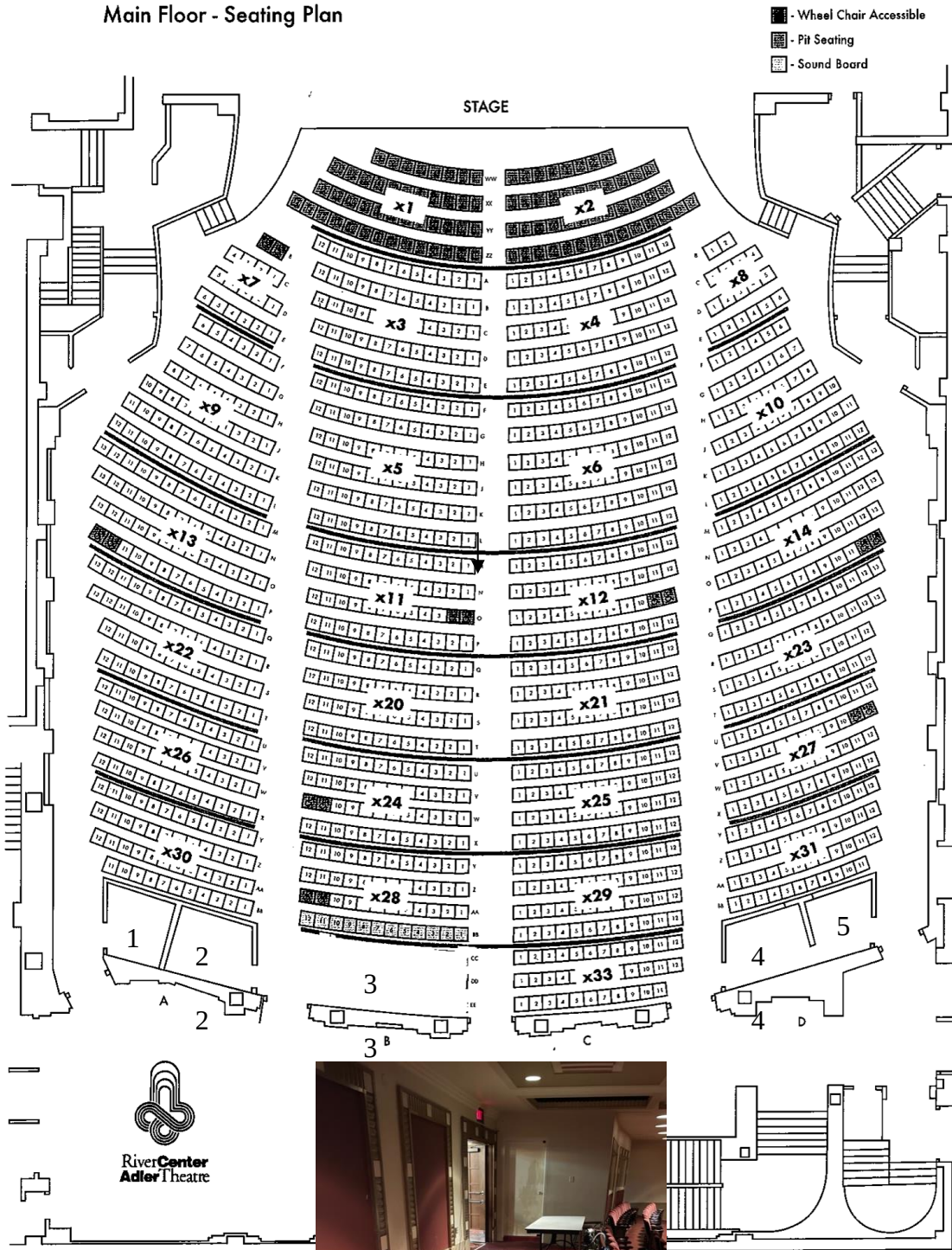
Wired and Wireless Internet available. Please direct questions to the Theatre Production Manager regarding rates and security passcodes.



Adl₅



Main Floor - Seating Plan



1. House Manager Office
2. Sound Booth
3. Mixing Position
4. & 5. Lighting Booth

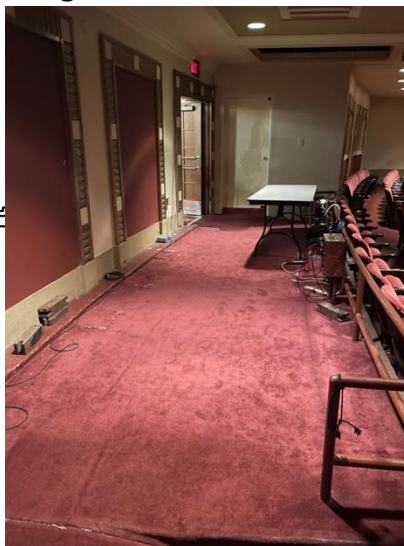
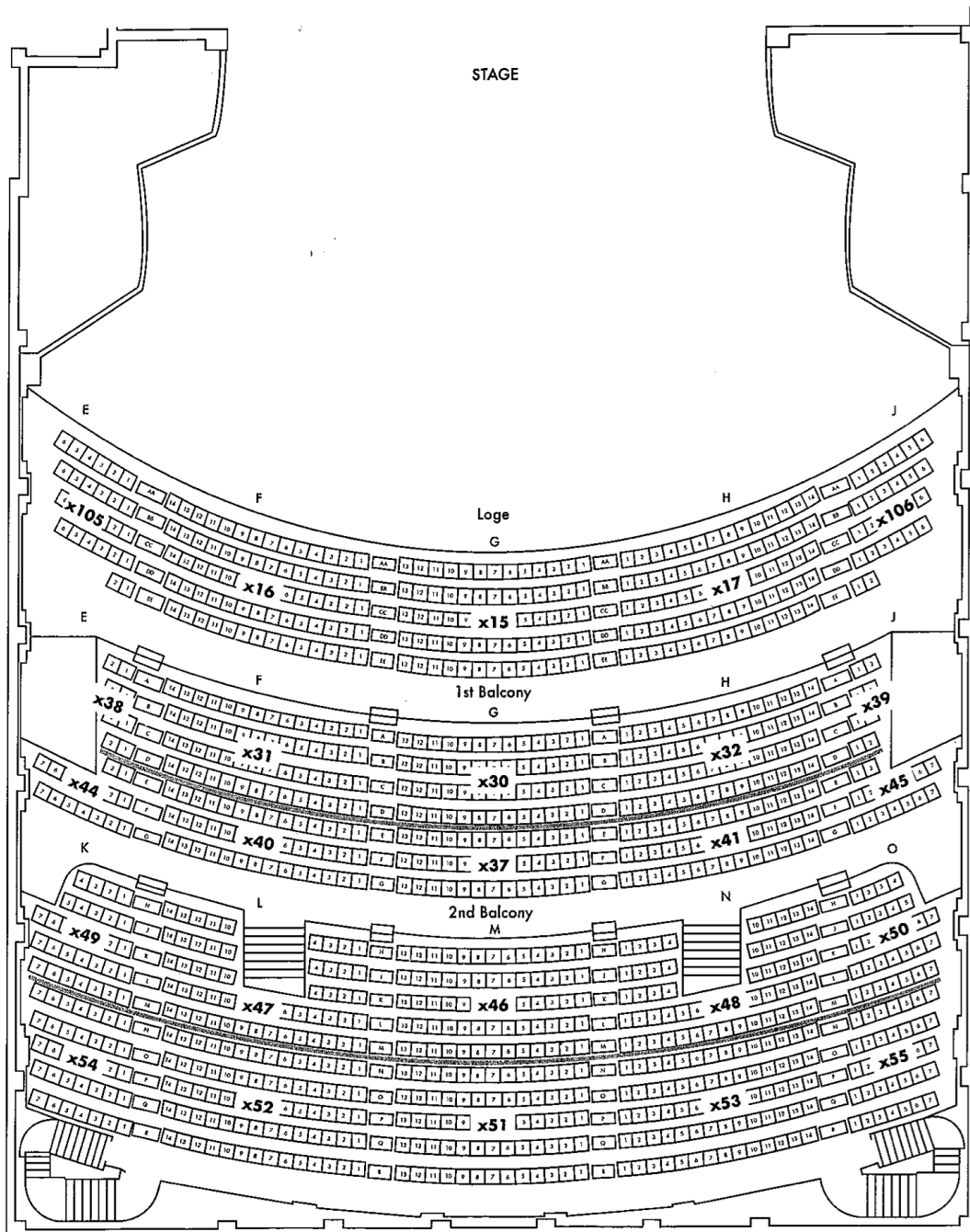


Photo of Mix Position
Approximately 8' x 20'

Balcony Floor - Seating Plan

□ - Premire Club Seating



Main Floor Seating: 1219
 Additional Orchestra Pit Seating: 90
 (Seats are all folding chairs)
 Balcony Floor Seating: 1102
 Total Seating Capacity: 2411
Note: all accessible seating is on the main floor only. Balcony access is only accessible by stairs.



Directions to the Adler Theatre

NOTE: MANY BRIDGES IN THE DOWNTOWN AREA ARE LOW CLEARANCE AND MAY NOT BE PASSABLE DEPENDING ON VEHICLE HEIGHT.

Coming from East of Davenport:

From I-74 take the first exit in Bettendorf (Grant Street/River Drive) and follow this along the Mississippi (keep the river on the driver's side) until you reach Brady St. (US 61 North)

Coming from West of Davenport:

From I-80 take I-280 to US 61 North. Follow US 61 into Davenport to Brady St. When turning North onto Brady (one-way street) the theatre is on the east side, just past 3rd St.

Parking:

Buses, trucks, and production staff cars can park just behind the theatre in the Adler Parking Lot. If vehicles exceed the capacity allotted within the parking lot, temporary parking can be arranged along the east side of Brady St. **These arrangements must be made (2) two weeks prior to the scheduled event date.**

Shore Power:

There are 60 amp disconnects available in two locations:

1. Located on west wall of theatre for vehicles parked along Brady St.
2. Located on North wall of theatre for vehicles parked in the parking lot.

Truck Dock:

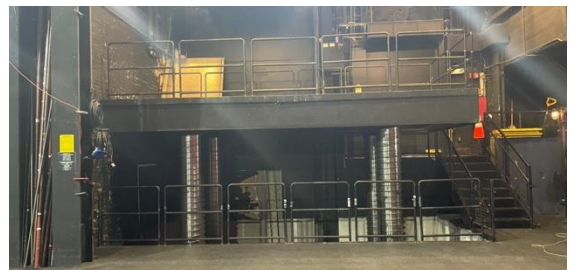
Dock Drive is sloped to adjust trailer tandems to hit dock level. Tandems must be all the way back on trailer.

Loading Dock Area: *stacking motor available overhead of dock on stage side*

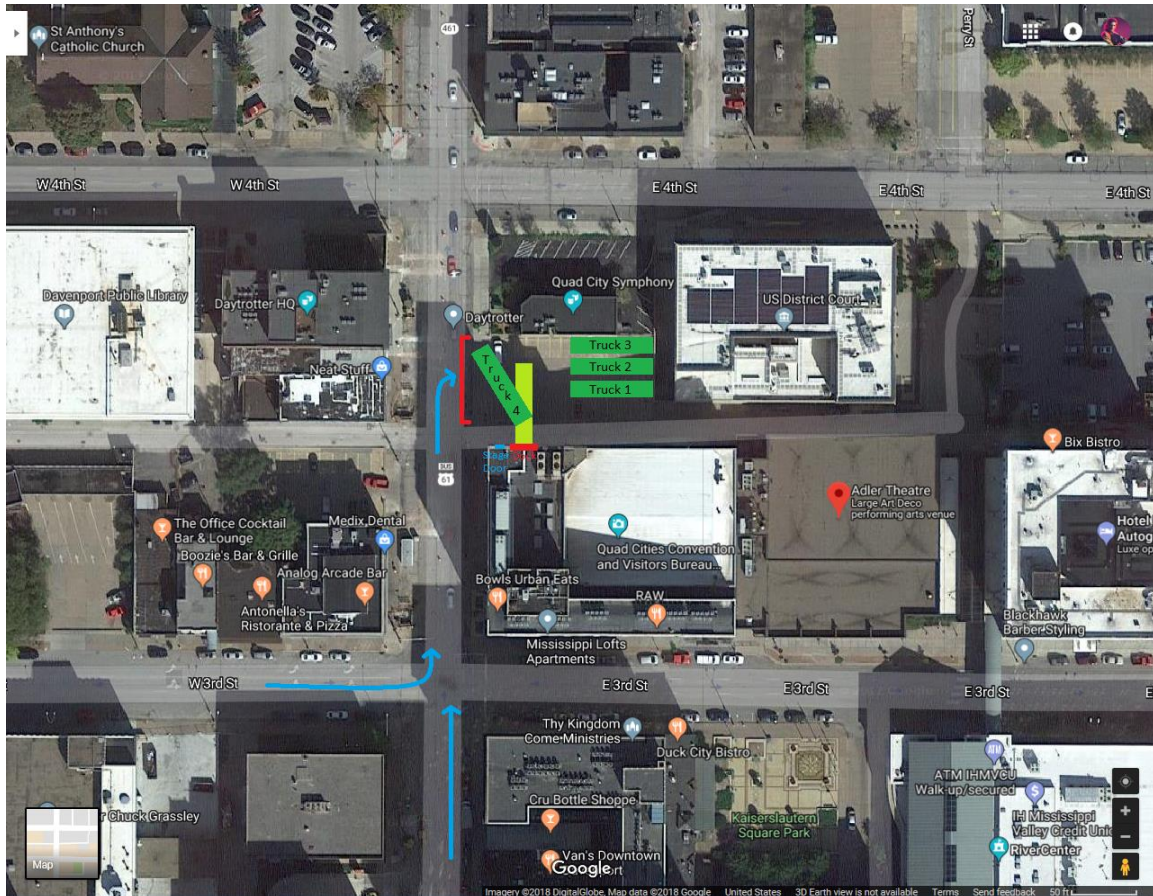
Dock Area is located in an alley, half a block north of 3rd St. off Brady St. There is direct back-in capability. Load in is via Scene Lift off stage left from either truck dock height or street level height. Truck dock doors measure 10 H x 12 W. Street dock measures 10 H x 7 W. Scene Lift floor measures 9 deep x 22 long and has safety railings (removable when idle) along its perimeter. Scene lift is capable of moving to any of the following positions.

- Truck Dock
- Street Level
- Stage Level
- Wardrobe Area (Basement)

NOTE: THE ALLEY MUST BE CLEARED WHILE HOUSE IS OCCUPIED. ALLEY IS A FIRE LANE.



Downtown Davenport Map



NOTE: MANY BRIDGES IN THE DOWNTOWN AREA ARE LOW CLEARANCE. BEST ROUTE FOR ANYTHING OVER 11' [3.35M] IN HEIGHT IS FROM THE EAST I-74 BETTENDORF EXIT AND ENTER DAVENPORT VIA HIGHWAY 67 (GRANT ST/RIVER DRIVE) OR FROM THE WEST VIA I-280 ON TO HIGHWAY 61.



SR Box Boom

SL Box Boom

DS

26	28	30
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House Lts 265-281

US

Balcony 265-6, 268, 273, 278-80

Pit Conductor

32	34	36	18
----	----	----	----

20	22
----	----

22	S4 25/50^
24	S4 15/30^

$$\frac{C}{L}$$

19

17

38	40	42	20
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1st Cove

Circuits = 43-55

[illegible]

37
39
41
19

Balcony Rail

Circuits = 4-7 & 11, 13

11	13
----	----

13	11
----	----

7	4
---	---

5	6
---	---

11	13
----	----

13	11
----	----

2nd Cove

Circuits = 61-92

10^ ETC S4

81	82	83	84	96	77	80	91	92	93	76	75	69	70	71	88	65	67	66	68	85	61	62	63
							72				74				77	90							64