

Eccles

GEORGE S. AND DOLORES DORÉ
ECCLES THEATER

TECHNICAL SPECIFICATIONS

Delta Hall

Updated: 11/15/2021



TABLE OF CONTENTS

| | |
|---|----|
| Technical & Operations Staff Contacts | 2 |
| Seating Capacity..... | 2 |
| Location..... | 2 |
| Loading and Unloading..... | 3 |
| Stage Specifications..... | 6 |
| House Rigging..... | 7 |
| Soft Goods..... | 7 |
| Lighting..... | 8 |
| Stage Drawing..... | 10 |
| Light Plot..... | 11 |
| Section View..... | 12 |
| Lighting Standard House Zero Plot..... | 13 |
| House Zero Line set Schedule..... | 14 |
| Audio..... | 16 |
| Dressing Rooms..... | 18 |
| Support Space..... | 19 |
| Building Map..... | 22 |
| Data Connection Services | 23 |
| Theater Cleaning Procedures..... | 25 |
| HVAC SARS-CoV2 Mitigation..... | 26 |



TECHNICAL & OPERATIONS STAFF CONTACTS

TECHNICAL DIRECTORS

Cliff Wallgren
Office: 385-468-2513
On duty cell: 385-272-0763
Email: CWallgren@slco.org

Josh Martin
Office: 385-468-2511
On duty cell: 385-272-0763
Email: JJBMartin@slco.org

Chris Zacccone
Office: 385-468-2512
On duty cell: 385-272-0763
Email: CZacccone@slco.org

PRODUCTION MANAGER

Ernesto Flores
Office: 385-468-2510
Cell: 385-272-4521
Email: EAFlores@slco.org

HOUSE CREW

IATSE Local 99.
Please Contact venue technical director for calls

PROTECTIVE SERVICES

Salt Lake County Sheriff
Cell: 385-272-4679

GENERAL MANAGER

Angela Vanderwell
Office: 385-468-2524
Email: AVanderwell@slco.org

EVENT MANAGERS

Stepanie Charles
Office: 385-468-2504
Email: scharles@slco.org

Andrew Kopf
Office: 385-468-2503
Email: AKopf@slco.org

TICKETING

Ryan Holyoak
Office: 385-468-2540
Email: RHolyoak@slco.org

Meghan McCauley
Office: 385-468-2530
Email: MMcCauley@slco.org

PHYSICAL/MAILING ADDRESS

Eccles Theater
144 South Main Street
Salt Lake City, Utah 84111

DELIVERY/LOADING DOCK ADDRESS

Eccles Theater
144 South Regent Street
Salt Lake City, UT 84111

SEATING CAPACITY

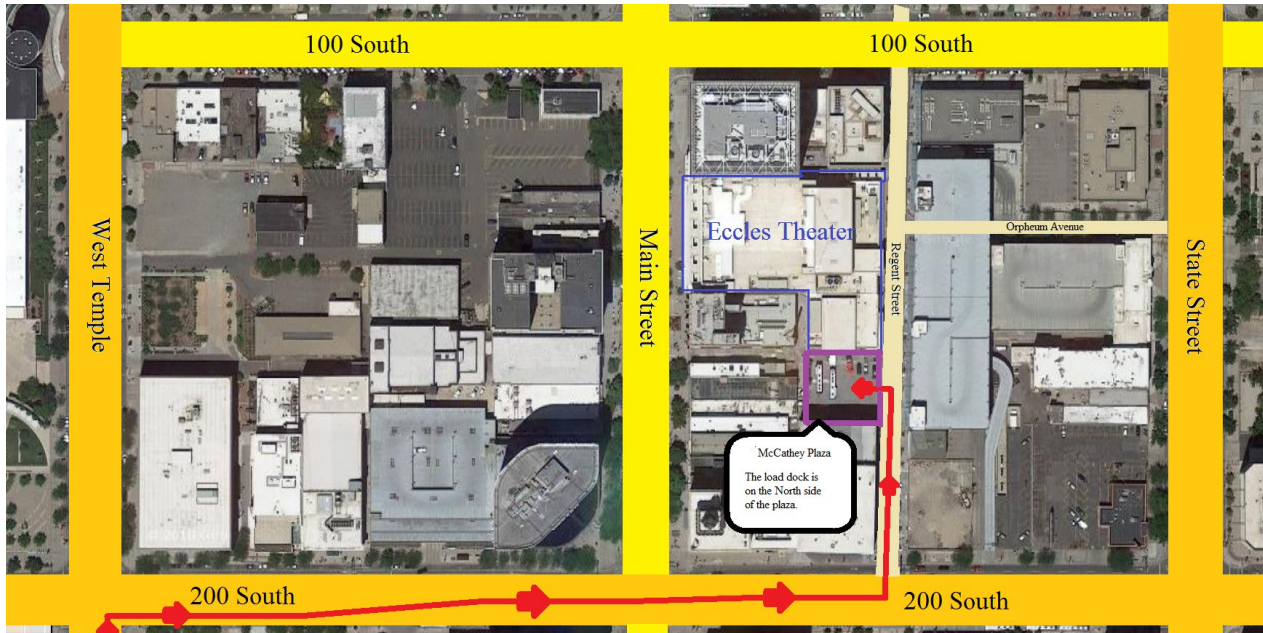
| | |
|-----------------------|--------------|
| Total Capacity | 2,501 |
| Pit | 64 |
| Orchestra | 914 |
| Tier 1 | 407 |
| Tier 2 | 435 |
| Tier 3 | 486 |
| Loge | 76 |
| Box | 29 |

LOCATION

The Eccles Theatre is in the heart of downtown Salt Lake City at 131 S. Main, between City Creek Center & Gallivan Plaza and just a block away from Temple Square. The Theatre has ease of access from interstate 15, half a block from light rail transportation (Green Lines & Blue Lines) and is just a short 15-minute drive away from the Salt Lake City International Airport.

LOADING AND UNLOADING

Access to the theatre loading docks is located on the north side of the McCarthy Plaza off Regent Street and 200 South. All Broadway trucks enter Regent Street from 100 south, so that they can make a right hand turn into the north access gate. Only 3 trucks can unload at a time.



Loading Dock

(3) Docks at stage level

Truck Parking

(2) on-site parking docks available, one must remain Unblocked for daily theater deliveries

Dimensions

| | |
|------------------------------|--|
| Exterior Door to Dock Bumper | 75'-8" |
| Overall Width | 44'-0" |
| Exterior Door | 42'w x 14'-1" h |
| Overhead Clearance | 20'-0" |
| Dock Height | 4'-0" |
| Interior Dock Doors | Outer: 9'w x 10'h Center: 10'w x 14'h |

Receiving

Dock Edge to SL Loading Door 27'-4"

Forklift

****No forklift on site**
Technical director can assist with arrangements

Additional Details

Truck dock is sloped down, 2.5% grade over 70'
Each bay includes levelers and bumpers
Dock enclosure is climate controlled
There are three shore power outlets located inside the main loading dock and two shore power outlets on the south side of the plaza.

McCarthy Plaza – Controlled Access Upgrades affective August 2021



The Plaza was updated in August 2021 for better controlled access.

The loading dock is assessable 24 hours.

Arrival assistance during the hours of 9:00am – 5:00pm Monday - Friday can be coordinated with a Technical Director at (385) 272-0763

After hour arrival can be assisted by security.

They can be reached at (385) 272-4679

Both traffic barrier gates can be opened at the same time and remain open until all trucks have arrived and parked in the loading dock.

Green line shows suggested truck path for backing into the loading dock area.

If you have any questions or concerns, please reach out to the venue Technical Director at (385) 272-0763

385-468-1030 | 131 South Main Street | Salt Lake City, UT 84111



Elevators

Orchestra pit

(1) Gala lift-operated platform for small configuration, large configuration is removable seating and platforms.

Freight

7'9" W x 11'5" L x 8' H

Service

5'5" W x 7'11" L x 7'3" H

| <i>Floor</i> | <i>Directory</i> | <i>Accessed by:</i> |
|---------------------|---|----------------------------|
| Lower Level (LL) | Dressing Rooms, Green Room, Wardrobe, Laundry, Production Offices | Freight, Service |
| Orchestra Pit (P) | Orchestra Pit | Service |
| Lobby (L) | Stage, Dock, Lobby, Star Dressing Rooms | Freight, Service |
| Tier 1 (T1) | Rehearsal Studio | Freight, Service |
| Tier 2 (T2) | Pin Rail, Dimmer Room | Service |
| Tier 3 (T3) | Spot Booth, Cat Walks, Fore Stage Grid, Fly Grid, Loading Gallery | Service |

385-468-1030 | 131 South Main Street | Salt Lake City, UT 84111

STAGE SPECIFICATIONS

| | | |
|------------------------------|--------|--------------------------|
| Proscenium Width (max) | 49'-6" | |
| With adj Portal Legs (min) | 44'-0" | *Maintaining sight lines |
| Proscenium Height (max) | 29'-6" | |
| With adj Portal Header (min) | 24'-4" | |

Zero is defined as DS side of smoke pocket.

**Portal is downstage of Zero within Proscenium thickness of 27^{1/4}"*

| | |
|--|---|
| Smoke Pocket | 10 ^{3/4} " |
| Fire curtain to upstage gallery | 46'-6" |
| Down Stage Edge from Zero | 5' |
| Down stage edge to Main Curtain | 6'-6" |
| Zero to Back Wall | 49'-11" |
| Zero to first line set | 1'-6" |
| Zero to last line set | 46"-3" |
| Stage Width (Loading door to fly rail) | 118'-4" |
| Gridiron height (Bottom of Wells) | 74'-10" |
| Centerline to SL Gallery | 45'-5" |
| Centerline to SR Gallery | 53'-6" |
| Clear Height under SL Gallery | 31'-10" (HVAC), 34'-0" (Beam) |
| Clear Height under SR Galleries | 21'-0" |
| Cross-Over Gallery | 35'-9" |
| SL Loading Door | 16'-11" w x 20'-2"h |
| Orchestra Pit | 64' Long x 14' (sides of Curve) 18' (center of curve) |

** Attention Shows with Automations

Possible obstruction for automation show deck.

Audio rack SL

The unit is located SL, 35' - 4" from CL
cable chase is on deck, 16" from Zero
rack bottom to deck is 18"
rack front from Zero is 2'-6"



**** Please advise if you require lagging into stage floor**

HOUSE RIGGING

**All line set have full travel to grid. No permanent electrics, border lights or concert shell.

(87) single-purchased counterweight line sets with ladder truss battens on 6" centers

| | |
|--------------------|---------------------------------------|
| Capacity | 1700lbs |
| Batten Length | 63'-0", 67'-8" w/Extensions |
| Travel | 67'-11" |
| Trim (in) | 3'-11" |
| Trim (out) | 71'-10" |
| Batten Extensions | 3'-0", 2 per batten |
| Far catwalk | 95' |
| Near catwalk | 69' |
| Forestage catwalk | 42' |
| Gridiron | 74'-10" to stage |
| Well spacing | 6 @ 12'-3" |
| Forestage Gridiron | 55' to house floor |
| Depth from Zero | +32'-10 ³ / ₄ " |
| Width | 60'-0" |
| Height | 56'-2" |
| Well spacing | 6 @ 10'-0" |

Pin Rails Stage left and right
Spot lines available

Chain Motors 200 Amp power available on grid
Please contact venue technical directors for chain motor information.

Lifts Genie electric lift – 30' (Fiberglass) 1
Genie electric lift – 40' 1

SOFT GOODS

| | | |
|---------------------------------|------------------------|----|
| House Curtain (guillotine only) | 33' high x 56' wide | 1 |
| Black Borders | 12' high x 65' wide | 6 |
| Black Legs | 36'-6" high x 16' wide | 12 |
| Black Tabs | 35'-6" high x 10' wide | 10 |
| Black Out Drapes | 35'-6" high x 60' wide | 2 |
| Traveler Panels | 35'-6" high x 40' Wide | 2 |
| Bleached White Muslin Cyc. | 35'-6" high x 65' wide | 1 |
| Black Sharks-tooth Scrim | 35'-6" high x 65' wide | 1 |
| White Sharks-tooth Scrim | 35'-6" high x 65' wide | 1 |
| Drop Cloths | 35'-6" high x 65' wide | 4 |
| Plastic Cyc | 35'-6" high x 65' wide | 1 |

LIGHTING

Lighting Control Booth
House Console

Located in right rear of orchestra level
ETC Gio 6k

House Spots 3-Lycian 1295 4k 107' throw to stage, 3° - 7.5°
**Spot booth can accommodate additional lamps

All house incandescent fixtures are ETC Sours 4's and lamped with 750-watt HPL lamps.

Road system:

DMX/Net3 inputs:

SL SR, FOH booths, rear orchestra level, mid house, plus additional portable nodes.

Power:

3 - 400 Amp, 3 phase located USL – cable path has to go up and over the loading dock door for standard DSL dimmer position 100' runs.
1 - 400 Amp, 3 phase located Pin Rail SL 75' to deck.
1 - 400 Amp, 3 phase located Pin Rail SR with tail downs to deck
Connivance Power and 208 located nearby.
1 - 200 Amp, 3 phase located grid DSL
1 - 100 Amp, 3 phase located forestage grid HR
1 - 100 Amp, 3 phase located USR back wall next to continence power
1 - 400 Amp, 3 phase located USR back wall next to continence power
1 - 100 Amp, 3phase located USL back wall next to continence power

Connivance Power and 208 volts can be found in all 4 corners of the stage.

Snake Runs from SL or SR to

1) Broadway Position;

Rear of Orchestra level, under balcony

Maximum working area is 17' x 9' 6"

Distance to stage: ~100'

Cable Run ~200' to 275' through basement raceway

2) Mid House Position;

***Attention! 28 seats kills to use this position**

~Discusses with Technical Director for other options

Orchestra Level, Mid House

Maximum working area is 17' x 9' 6"

Distance to stage: ~80'

Cable Run ~175' to 225' through basement raceway

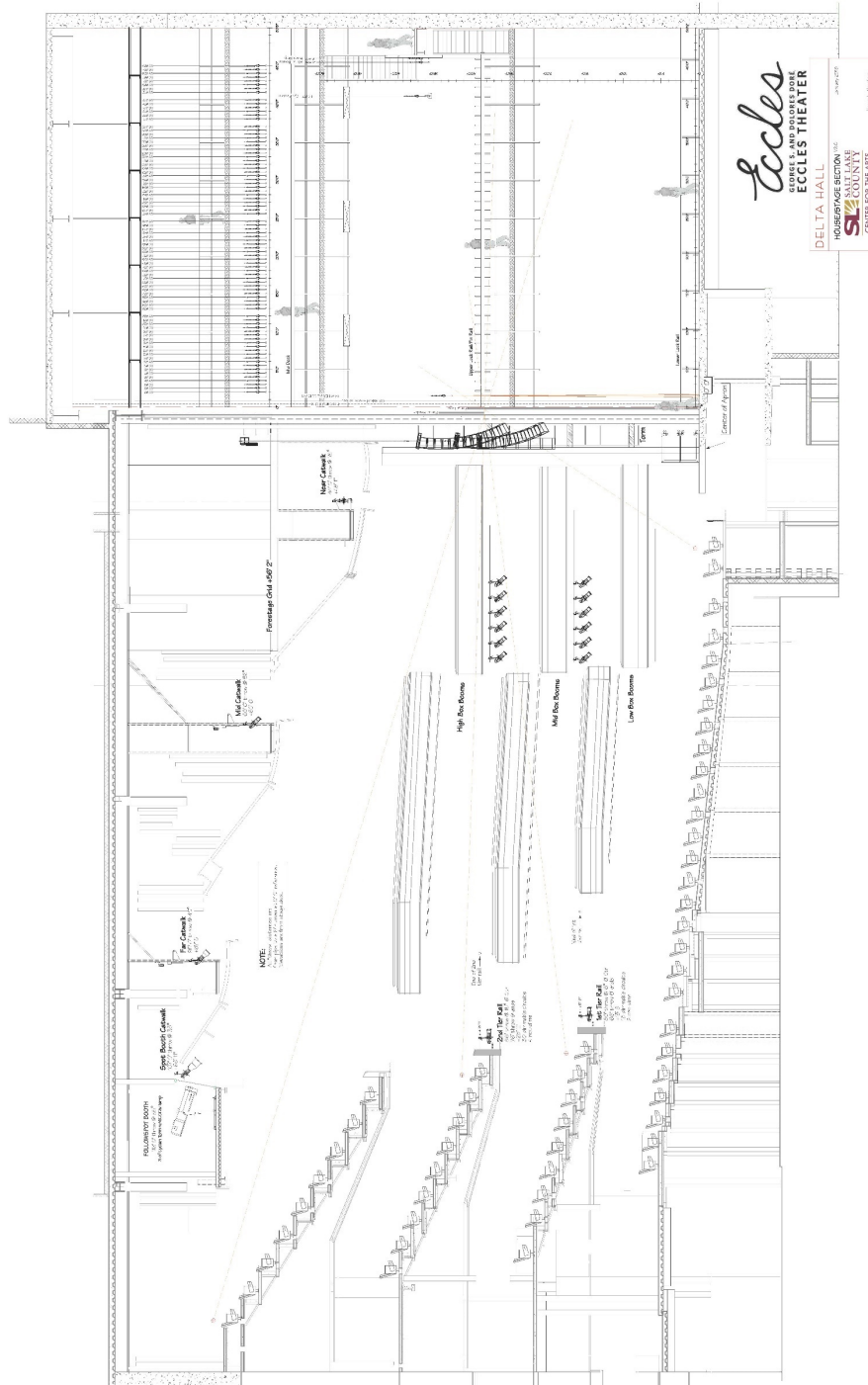
LIGHTING CIRCUITS

| Position | Distance | Circuit #'s | Circuits | Notes |
|-------------------|----------|-------------|----------|--|
| Spot booth | 107'(PL) | | | 3-Lycian 1295 4k |
| Spot catwalk | 107'(PL) | 1-24 | 24 | |
| Far catwalk | 95'(PL) | 24-60 | 36 | |
| Near catwalk | 69'(PL) | 61-96 | 36 | |
| Forestage catwalk | 42'(PL) | 97-120 | 24 | 1-100A(cam/lugs) |
| 1st tier rail | 80'(PL) | 151-168 | 18 | |
| 2nd tier rail | 86'(PL) | 121-150 | 30 | |
| Box Booms | | | | |
| T1 HR | | 189-192 | 4 | 1 – 208v outlet |
| T1 HL | | 213-216 | 4 | 1 – 208v outlet |
| T2 HR | | 181-188 | 8 | 1 – 208v outlet |
| T2 HL | | 205-212 | 8 | 1 – 208v outlet |
| T3 HR | | 173-180 | 8 | 1 – 208v outlet |
| T3 HL | | 197-204 | 8 | 1 – 208v outlet |
| Tech Box HR | | 169-172 | 4 | 1-L620, 1-L630 Outlet |
| Tech Box HL | | 193-196 | 4 | 1-L620, 1-L630 Outlet |
| Torm SL | 2' (PL) | 217-234 | 18 | |
| Torm SR | 2' (PL) | 235-252 | 18 | |
| Grid DSL | | 253-264 | 12 | 1-200A(cam/lugs) |
| Grid USR | | 265-276 | 12 | |
| Pin rail SL | | 277-420 | 144 | 1-400A(cam/tails) |
| Pin rail SR | | 421-444 | 24 | 1-400A(cam/lugs) with tail downs to deck |
| Stage | | | | |
| DSL | | 445-450 | 6 | 1-100A(cam/lugs), 1-200A(cam/lugs) |
| DSR | | 451-456 | 6 | 1-100A(cam/lugs) |
| USL | | 457-468 | 12 | 3-400A(cam/lugs), 1-100A(cam/lugs) |
| USR | | 469-480 | 12 | 1-400A(cam/lugs), 1-100A(cam/lugs) |

[illegible]

10

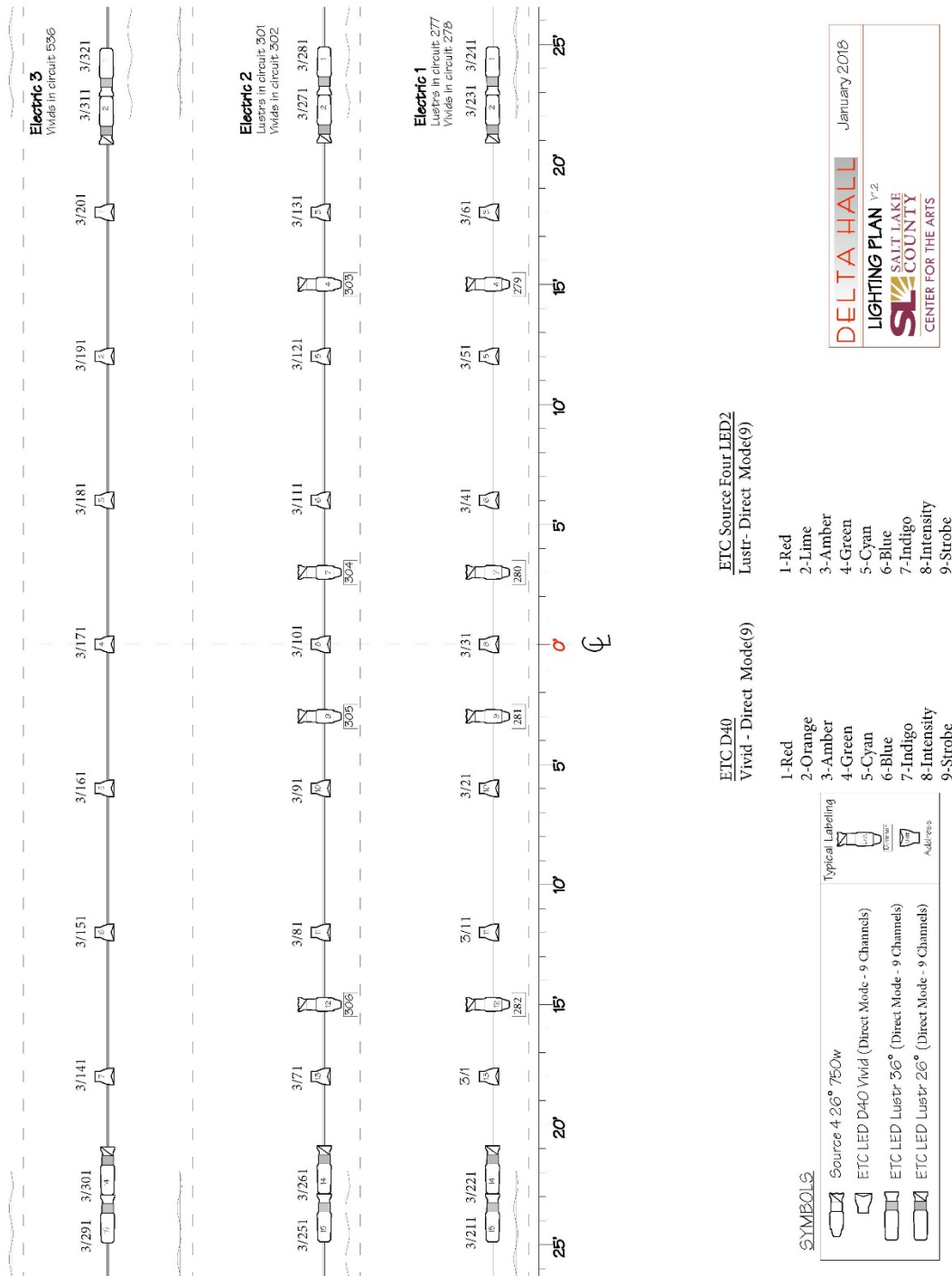
Section View



Please contact the TD for other drawings.

Lighting Standard House Zero

The Standard House zero is the house lighting plot that is restored after a show has loaded out. If this plot can be incorporated into your show plot, please let the TD know.



LINE SET SCHEDULE

(House Zero)

Delta Performance Hall – Line Set Schedule

| US | LINE # | STUFF | FROM CTR | TRIM | SIZE | WEIGHT | NOTES |
|--------|--------|---------------------------------|----------|----------|------------|--------|-------------|
| - 11" | | Hard Portal Border | C/L | Variable | 5' x 51' | | Wood Grain |
| - 6" | | Hard Portal Legs | Variable | Deck | 30'6"x4'6" | | Wood Grain |
| 0' 5" | | Fire Curtain | C/L | | | | Motorized |
| 1' 6" | 1 | House Curtain (guillotine only) | C/L | Deck/Out | 33'x56' | | 2 Panels |
| 2' 0" | 2 | Black Border No. 1 | C/L | | 12'x65' | | |
| 2' 6" | 3 | Black Legs No. 1 | 22' 0" | Deck | 35'6"x16' | | |
| 3' 0" | 4 | | | | | | |
| 3' 6" | 5 | Electric #1 | | 32' 0" | | | 24 Circuits |
| 4' 0" | 6 | | | | | | |
| 4' 6" | 7 | | | | | | |
| 5' 0" | 8 | | | | | | |
| 5' 6" | 9 | | | | | | |
| 6' 0" | 10 | | | | | | |
| 6' 6" | 11 | | | | | | |
| 7' 0" | 12 | | | | | | |
| 7' 6" | 13 | | | | | | |
| 8' 0" | 14 | | | | | | |
| 8' 6" | 15 | | | | | | |
| 9' 0" | 16 | Black Border No. 2 | C/L | | 12'x65' | | |
| 9' 6" | 17 | Black Legs No. 2 | 22' 0" | Deck | 35'6"x16' | | |
| 10' 0" | 18 | | | | | | |
| 10' 6" | 19 | Electric #2 | | 32' 0" | | | 24 Circuits |
| 11' 0" | 20 | | | | | | |
| 11' 6" | 21 | | | | | | |
| 12' 0" | 22 | | | | | | |
| 13' 0" | 23 | | | | | | |
| 13' 6" | 24 | | | | | | |
| 14' 0" | 25 | | | | | | |
| 14' 6" | 26 | | | | | | |
| 15' 0" | 27 | | | | | | |
| 15' 6" | 28 | | | | | | |
| 16' 0" | 29 | Black Border No. 3 | C/L | | 12'x65' | | |
| 16' 6" | 30 | Black Legs No. 3 | 22' 0" | Deck | 35'6"x16' | | |
| 17' 0" | 31 | | | | | | |
| 17' 6" | 32 | | | | | | |
| 18' 0" | 33 | | | | | | |
| 18' 6" | 34 | | | | | | |
| 19' 0" | 35 | | | | | | |
| 19' 6" | 36 | Electric #3 | | 32' 0" | | | 24 Circuits |
| 20' 0" | 37 | | | | | | |
| 20' 6" | 38 | | | | | | |
| 21' 0" | 39 | | | | | | |
| 21' 6" | 40 | | | | | | |
| 22' 0" | 41 | | | | | | |
| 22' 6" | 42 | | | | | | |
| 23' 0" | 43 | Black Border No. 4 | C/L | | 12'x65' | | |
| 23' 6" | 44 | Black Legs No. 4 | 22' 0" | Deck | 35'6"x16' | | |

Delta Performance Hall – Line Set Schedule

| | | | | | | | |
|--------|----|--------------------------------|-----|----------|-----------|-----------------------|------------|
| 24' 0" | 45 | | | | | | |
| 24' 6" | 46 | | | | | | |
| 25' 6" | 47 | | | | | | |
| 26' 0" | 48 | | | | | | |
| 26' 6" | 49 | Black Drop | C/L | Deck/Out | | 2 of 35'6"x40' Panels | |
| 27' 0" | 50 | | | | | | |
| 27' 6" | 51 | | | | | | |
| 28' 0" | 52 | | | | | | |
| 28' 6" | 53 | | | | | | |
| 29' 0" | 54 | | | | | | |
| 29' 6" | 55 | | | | | | |
| 30' 0" | 56 | | | | | | |
| 30' 6" | 57 | | | | | | |
| 31' 0" | 58 | | | | | | |
| 31' 6" | 59 | | | | | | |
| 32' 0" | 60 | | | | | | |
| 32' 6" | 61 | | | | | | |
| 33' 0" | 62 | | | | | | |
| 33' 6" | 63 | | | | | | |
| 34' 0" | 64 | | | | | | |
| 34' 6" | 65 | | | | | | |
| 35' 0" | 66 | | | | | | |
| 35' 6" | 67 | | | | | | |
| 36' 0" | 68 | | | | | | |
| 36' 6" | 69 | | | | | | |
| 37' 0" | 70 | | | | | | |
| 38' 0" | 71 | | | | | | |
| 38' 6" | 72 | | | | | | |
| 39' 0" | 73 | Black Scrim | C/L | | 35'6"x65' | | |
| 39' 6" | 74 | White Scrim | C/L | | 35'6"x65' | | |
| 40' 0" | 75 | Black Drop | C/L | | 35'6"x65' | | |
| 40' 6" | 76 | | | | | | |
| 41' 0" | 77 | Electric #6 | | 36' 0" | | | LED Strips |
| 41' 6" | 78 | | | | | | |
| 42' 0" | 79 | | | | | | |
| 42' 6" | 80 | | | | | | |
| 43' 0" | 81 | | | | | | |
| 43' 6" | 82 | | | | | | |
| 44' 0" | 83 | | | | | | |
| 44' 6" | 84 | | | | | | |
| 45' 0" | 85 | | | | | | |
| 45' 6" | 86 | White Muslin Seamless Backdrop | C/L | | 35'6"x65' | | |
| 46' 0" | 87 | Blackout Curtain | | | | | Wind Break |
| 46' 6" | XX | Catwalk Over Head +38' | | | | | |
| 50' 0" | | Distance to back wall | | | | | |

AUDIO

| | |
|--|---|
| Sound Booth | Located in center rear of orchestra level |
| House Console **Venue has 3 mix positions | AVID Venue S6L – Pro Tools Enabled FOH Booth Back of seating (in front of FOH booth) “Broadway Position” Mid House Position (dug in-removeable seats and platforms) Concert Position “Rock Pit” |
| Power | DSL - 1-100 Amp (cam/lugs) 1-200 Amp (cam/lugs) w/ Isolated ground DSR - 1-100 Amp (cam lugs) |
| Playback | Tascam SS-CDR200 Mac Mini with Qlab |

House PA (LCR) D&B

| LCR - Flown Subs - Ground Subs - Fills | | | | |
|--|---------|----|----------|------------|
| Mains (LCR) | V8 | 10 | Each | |
| | V12 | 2 | Each | |
| Flown Subs | V-Subs | 6 | Per side | LR/Aux |
| Ground Subs | J-Infra | 2 | Per side | LR/Aux |
| Front Fills* | E-5 | 7 | | Sum(M)/Aux |
| *2 locations, depends on pit deployment | | | | |
| Balcony Delays | E-6 | 29 | | Sum(M)/Aux |
| Box Delays | E-5 | 10 | | Sum(M)/Aux |
| Stage Fills | | 3 | Per side | Sum/Aux |
| Sec PA | E-12 | 3 | | Sum/Aux |

| | |
|----------|---|
| Intercom | 4 channel Clearcom system with the ability to tie in road systems. 8 single channel belt packs are available |
|----------|---|

| | |
|--------------|---|
| Mix Position | <p>1) Broadway Position; Rear of Orchestra level, under balcony Maximum working area is 17' x 9' 6" Distance to stage: ~100' Cable Run ~200' to 275' through basement raceway</p> <p>2) Mid House Position; *Attention! 28 seats kills to use this position ~Discusses with Technical Director for other options Orchestra Level, Mid House Maximum working area is 17' x 9' 6" Distance to stage: ~80' Cable Run ~175' to 225' through basement raceway</p> |
|--------------|---|

No floor cable runs allowed in any public space

| | |
|---------------------|---|
| Stage Manager Panel | Located downstage left Paging to dressing rooms and support spaces |
| Paging | Call system on stage left Page and God mic stage left Program and paging available to dressing rooms and support spaces |
| Hearing Assist | Listen Tech LR-200/LR165-166 Packs 60 - Packs available in lobby |
| Translator Booth | Located in center rear of orchestra level next to Sound Booth this booth is set up with a monitor feed and microphone for Descriptive audio. This booth will accommodate up to two narrators. |
| House Zero | House Zero Audio includes the left, right, and center line arrays including flown subs and 2 sets of J-sub's setting left and right on the apron. |
| 5G Wireless Network | Our house ticket scanners run on this network and may cause interference closer to show time. |

HOUSE EQUIPMENT

**Some items are subject to additional charges. Ask Event Manager for more details.

| | | |
|-----------|---------------------------------|----|
| Orchestra | Orchestra chairs | 60 |
| | Manhasset Music Stand | 60 |
| | Music Stand LED Lights | 54 |
| | Music Stand Conventional Lights | 30 |
| Tables | 8' | 16 |
| | 6' | 10 |
| | 4' | 10 |
| | 6' x 18" | 8 |

DRESSING ROOMS

****All dressing rooms (Except Star dressing rooms) are located in basement, Accessible by stairs and elevators. All Dressing rooms have video and audio feed of stage.**

Star Dressing Rooms (10' x 14')

4 rooms, 2 stations each ****Located on stage level crossover**
Lighted mirror stations with sink and counter
Private bathroom with shower, sink, and toilet
Includes clothes rack and convenience outlets



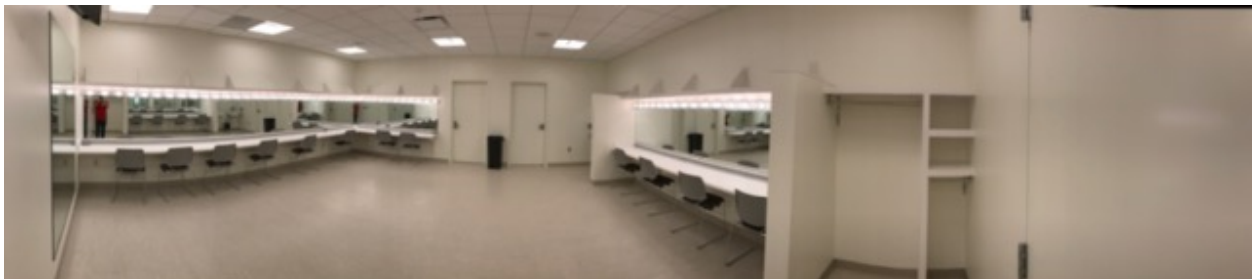
Chorus Dressing Room (20' x 28')

2 rooms, 16 stations each
Lighted mirror stations with counters
Includes clothes rack and convenience outlets
Bathroom with showers (2), sinks, and toilets



Ensemble Dressing Room (20' x 24')

2 rooms, 12 stations each
Lighted mirror stations with counter
Includes clothes rack and convenience outlets
Bathroom with showers (2), sinks, and toilets



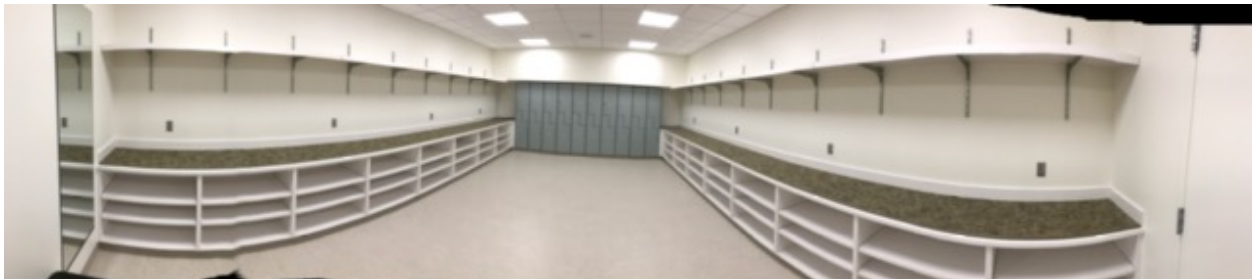
Ensemble Dressing Room (28' x 10')

3 rooms, 6 stations each
Lighted mirror stations with counter
Includes clothes rack and convenience outlets
Bathroom with shower (1), sinks, and toilets



Musicians Lounge (12' x 25')

Restrooms located across hall.
Orchestra pit access stairs (1 flight) and elevator

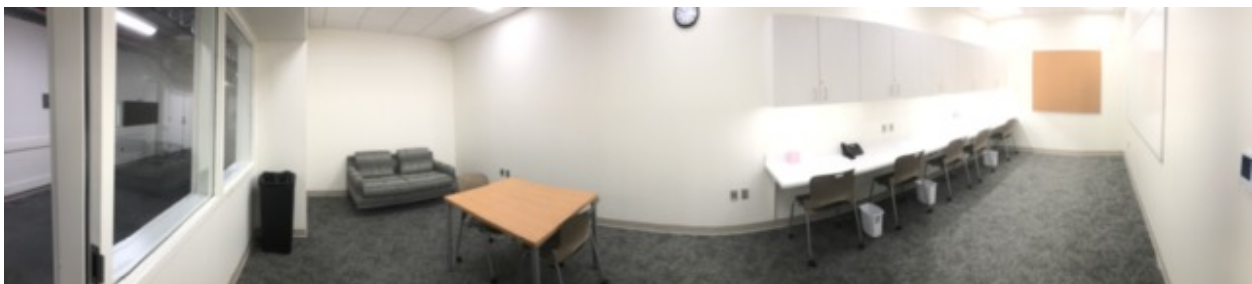


SUPPORT SPACES

****All support spaces (except Rehearsal room, as noted) are located in basement with access to service elevator, orchestra pit, stage left stairs,**

Visiting Production Office (12' x 30')

20 Amp circuits - 6
Lockable Cabinets - 5
Accessible/lockable for touring staff with digital number pad



Wardrobe Room (29' x 24')

| | |
|------------------------------|--------|
| Commercial steamers | 4 |
| Iron and board | 3 each |
| Rolling wardrobe racks | 15 |
| 20 Amp circuits | 5 |
| TACEW T-199RB sewing machine | 1 |



Laundry Room (8' x 12')

| | |
|-----------------------|---|
| Washers | 5 |
| Dryers | 5 |
| Large deep basin sink | 1 |



Wig Room (19' x 14')

| | |
|------------------------------------|---|
| Lighted mirror stations w/ counter | 5 |
| 20 Amp circuits | 6 |
| Large deep basin sink | 1 |



Green Room (21' x 27')

| | |
|--|---|
| Refrigerator (with water & ice dispensers) | 1 |
| Microwave | 2 |
| Sink | 1 |
| 20 Amp circuits | 4 |

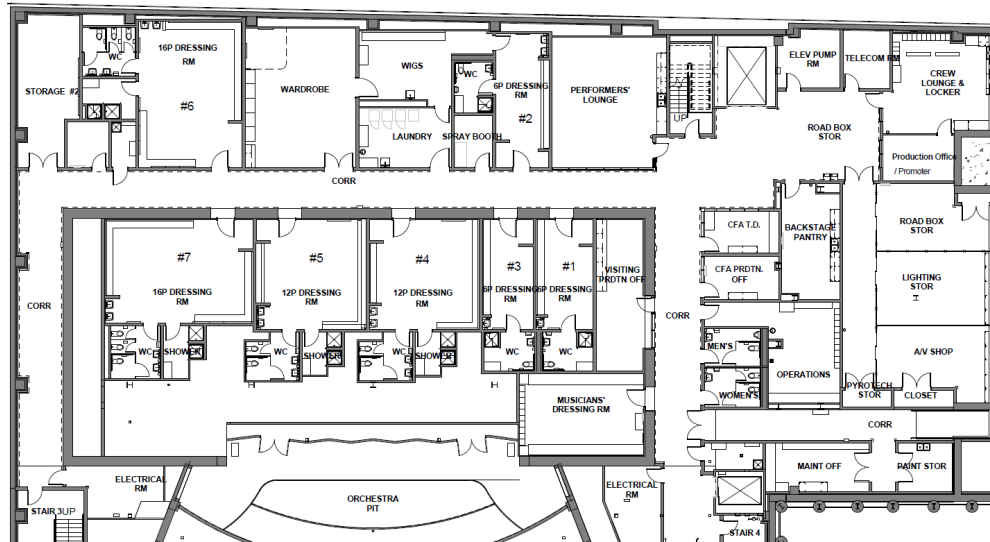


Rehearsal room on Tier 1 (33' x 42') Harlequin Sprung floor
Large wall with mirrors
Dance Barre (build in on either side of room) 2

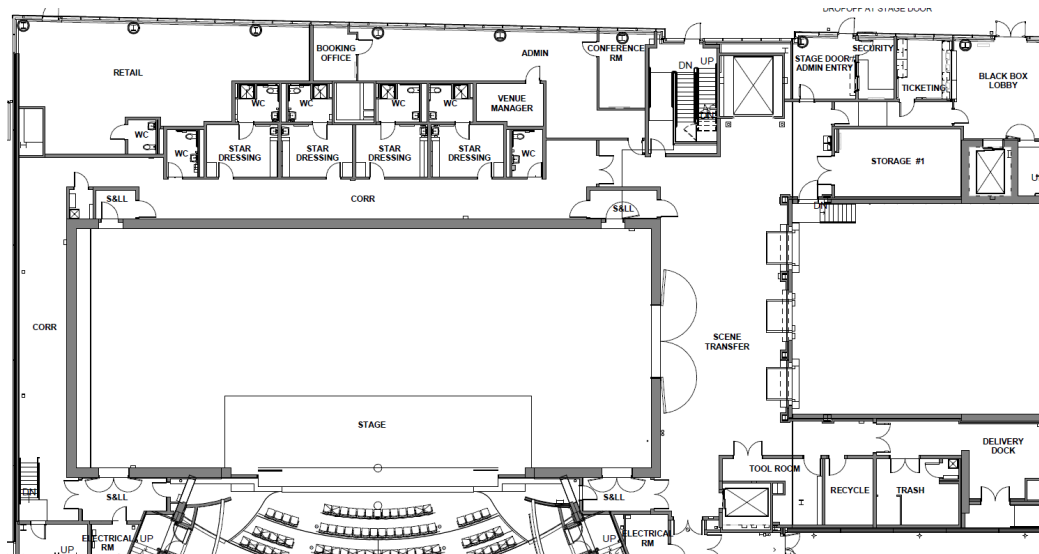


BUILDING MAPS

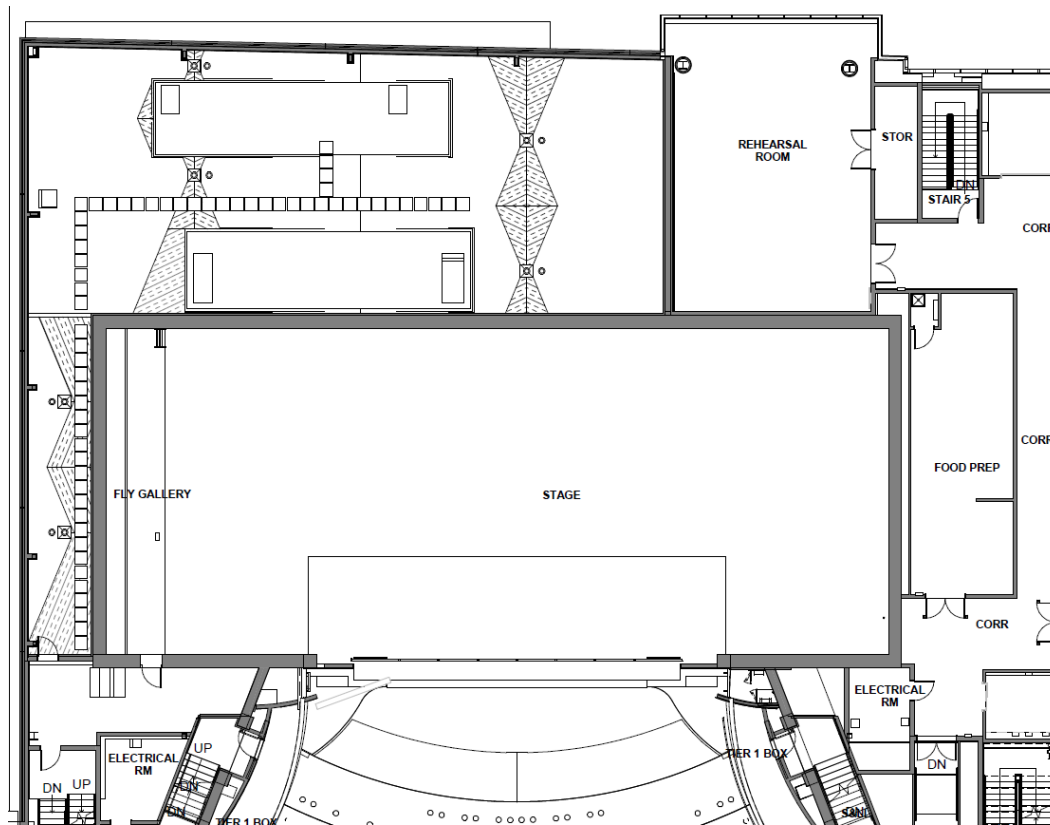
Lower Level



Lobby Level



Tier 1



DATA CONNECTION SERVICES

Wi-Fi

Please speak with your Event Manager or Technical Director for latest information on coverage and/or speed/bandwidth, provider, hot spots, and access WIP and password.

Wired Connectivity

There are 12 wired connections available
Please discuss wired connectivity requirements with your Technical Director.

Cellular Coverage

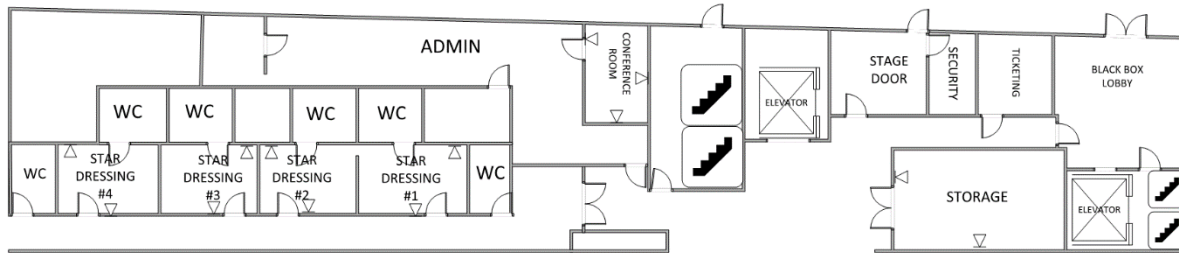
Verizon and Sprint have limited reception to in the lower level.
T-Mobile and AT&T have better reception in the lower level but still have some areas with no service.

Telephones

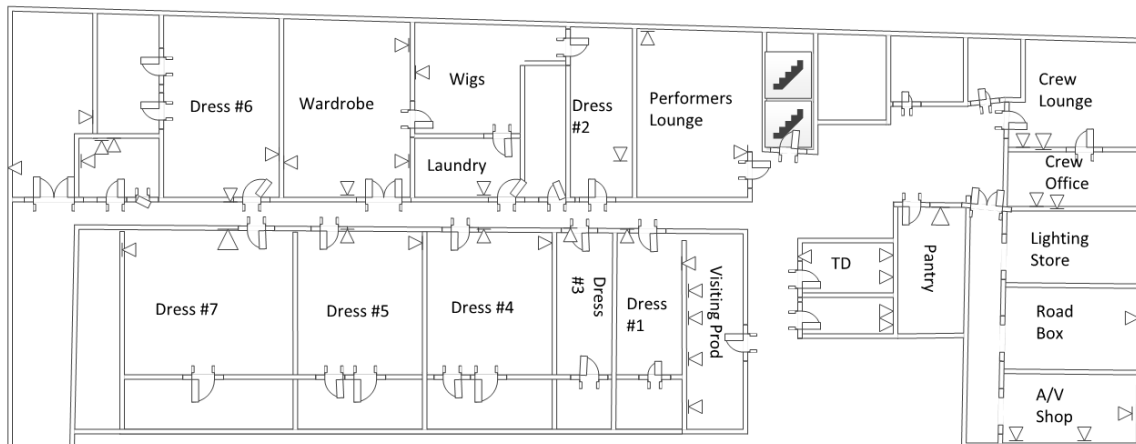
There are 4 phone connections available
Please discuss Telephone connection requirements with your Technical Director.

Please fill out this page for network drops (Mark with "N") and phone lines (Mark with "P") near triangle symbols in each room. Return to Technical director.

Eccles level 1 drop locations



Eccles level 0 drop locations



The George S. and Dolores Dore Eccles Theater Cleaning Procedures Sars-Cov-2 Sanitization and Mitigation Process

Regarding Sars-Cov-2 (which leads to Covid-19 infections) reaching pandemic levels in 2020 we have added several layers of disinfections and cleaning procedures to mitigate the risk of further transmission within Eccles Theater. The following hierarchy is used by Operations staff to determine what level of sanitization and cleaning is required.

If less than 24 hours have passed since the person who is sick or diagnosed with COVID-19 has been in the space, clean and disinfect the space.

If more than 24 hours have passed since the person who is sick or diagnosed with COVID-19 has been in the space, cleaning is enough. You may choose to also disinfect depending on [certain conditions](#) or everyday practices required by your facility.

If more than 3 days have passed since the person who is sick or diagnosed with COVID-19 has been in the space, no additional cleaning (beyond regular cleaning practices) is needed.

If no known infections were reported from any patron or performance staff the janitorial staff (RBM) will commence cleaning of the whole Eccles Theater as per contract. Following each performance RBM staff wearing appropriate PPE will perform the standard post-performance cleaning service. After each area has been cleaned RBM staff will utilize a full surface sanitization procedure known as electrolysis disinfection. This process ensures that soft and hard surfaces are safe for use after the disinfection product has dried.

Between matinee performances RBM performs a selective cleaning service focusing on Delta Hall, all lobby areas, all public used restrooms and limited back of house areas. This service will be followed by an electrostatic disinfection treatment of the above areas.

The George S. and Dolores Dore Eccles Theater

HVAC SARS-CoV2 Mitigation

Eccles Theater Facility Management team is committed to providing a safe, clean, and healthy environment for patrons, performers, and staff. The following is a brief overview of the Eccles Theater's HVAC system regarding SARS-CoV2 mitigation.

The heating ventilation and air-conditioning system in Eccles Theater are state of the art Temtrol factory fabricated custom air-handling units. Having been constructed to a LEED Gold standard Eccles Theater HVAC system is a primarily outside air-based system. This means the system prioritizes the use of outside filtered air for most of the building climate needs. Also, of note any recirculated interior air is once again passed through the filtration system before reentering the building. The Eccles Theater HVAC system incorporates 2-stage filtration. Stage one is a prefilter rated at MERV 10, stage two filtration is a high-capacity filter rated at MERV 15.

Eccles Theater HVAC system was designed to move large masses of air continually utilizing high CFM's. Eccles Theater Delta Hall and Delta Stage together total to roughly 800,000 cubic feet of space. The CFM capabilities of the air handler units servicing the Delta Hall and Delta Stage provide an air change per hour (ACH) of 6.87 Every hour the entire volume of air where patrons sit, the performance stage, and orchestra pit area is replaced 6 times. For our star dressing rooms the ACH is 3.3. The ensemble dressing rooms have an ACH of 3.5. Eccles Theater Grand Lobby's ACH is 2.6. Additional HEPA portable air filtration units are available in each dressing room, orchestra pit and cross hallways.



Eccles Theater ACH Testing

10.6.2021

Objective: Test the air flow from the 3 air handling systems serving the stage and seating areas of the venue and calculate the Air Exchange Rates (ACH) in both minimum and maximum outside air (OSA) settings.

Conditions: The filters had been recently changed with MERV 8 Pre-filters, but it is unclear as to the condition and rating of the final filters. The control system was manipulated manually to gain the settings for minimum and maximum OSA on all 3 units. Each handler has 100% economy cooling (100% OSA). The supply air for the level 1 and all 3 tiers in the seating areas is supplied from the floor diffusers and the air is returned to the ceiling. The stage is supplied from the 18' level above the stage floor and returned to the ceiling as well.

The minimum OSA set points for the air handlers are as follows:

AHU-4 1,500 CFM

AHU-3 6,600 CFM

AHU-10 6,660 CFM

There are flow stations on each OSA inlet to monitor and report the amount of OSA entering each air handler.

Ratings:

AHU-4 (Stage)

10,000 CFM of total air flow

AHU-3 (Seating Areas)

35,000 CFM of total air flow

AHU-10 (Seating Areas)

40,000 CFM of total air flow

Total for the stage and seating areas combined= 85,000 CFM

Test Data:

AHU-4= 10,741 CFM total air flow at maximum OSA

Minimum OSA measured = 1,828 CFM

Maximum OSA measured = 10,741 CFM

AHU-3= 35,303 CFM total air flow at maximum OSA

Minimum OSA measured = 6,646 CFM

Maximum OSA measured = 35,303 CFM

AHU-10= 45,566 CFM total air flow at maximum OSA

Minimum OSA measured = 7,108 CFM

Maximum OSA measured = 45,566 CFM

Calculations:

The actual cubic volume of the combined spaces (Stage and Seating Areas) = approximately 800,000 ft³.

Total CFM of OSA at **Maximum** OSA damper positions from all 3 air handlers = 91,610 CFM

91,610 CFM/800,000 ft³ = 0.114X60 = **6.87** OSA Air Changes per hour (ACH)

Total CFM of OSA at **Minimum** OSA damper positions from all 3 air handlers = 15,582 CFM

15,582/800,000 ft³ = 0.0194X60 = **1.17** Air changes per hour (ACH)

Observations:

During our site visit it was noted that the air handlers AHU-3 and AHU-10 were operating on an input to ramp the fan speed based on a static pressure input that may be located in the plenums for the main floor and the 3 tiers. Perhaps the system may function better if the input to the VFD's was based on room temperature by averaging the several sensors in the space. Also, it may be a good idea to incorporate CO sensors in the return air to increase the air quality even though OSA may be commanded to minimum position and could open to reduce the CO levels.

AHU-3; during our testing we noticed a noise from the supply fan wall that sounds like a dry motor bearing. You may want to get this on your maintenance schedule to avoid any down time for this air handler.

The above data was compiled with some overrides to get the systems into the mode of operation to run the tests. When the system is in fully automatic mode, it may perform differently.

END.

Derek R. Shupe TBE