BARBARA B. MANN PERFORMING ARTS HALL TECHNICAL SPECIFICATIONS AND INVENTORY



BARBARA B MANN PERFORMING ARTS HALL

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Updated 10/30/2026

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HALL'S SPECIFICATIONS

PROSCENIUM THEATRE

1859 Seats, Main Floor: 916, Balcony: 943

Mix Location, Rear House Right 20' W x 10' D

STAGE

Proscenium Opening: 29' H x 56'-10" W

Stage Depth: Plaster Line to Back Wall 47' Apron Edge to Plaster Line: 5'-9.5"

Stage Width: 106'

Center Line to SR wall: 55' Center Line to SL Wall: 51'

Jumps on SL & SR

Distance from Jump Floor to Deck 30'. Distance from Pin Rail to Deck 34'

SNAKE TUBE

(Front Of House Pull) 150' Needed from FOH to Stage Left

(2) Ropes Through the Tube

LOADING ZONE

Loading Door US Left 10' x 10'

Loading Down to Street Level. **Ramp or Forklift required**

30' Push to Stage. **Stacking Motor Available USL**

FLY RAIL SYSTEM

Single Purchase Counterweight Fly System SR. Fly Rail may be Operated at Deck Level or 2ND Floor Mid-Rail

Height to Grid: 79'-8"

Maximum High Trim (Pipe Travel): 72'-5"

Number of Line Sets: 59 (available for use: 58)

Arbor Capacity: 1200lbs

Batten Length: 65'

Permanent Line Set Assignments: Electric Raceways: #3, #18, #32, #45

Orchestra Clouds: #10, #24, #37, #50

POWER

All Power Panels are **Stage Left**

(3) 400A (Feeder is Available Upstage to Crossover to SR for (1) 400A Service)

(3) 200A (Sound Power is Isolated)

(2) 100A

LIGHT THROW DISTANCES to PLASTER LINE

Spot Booth: 146’ @ 24°

Near Cove Center Line: 61’ @53°

Far Cove Center Line: 80’ @ 37°

Balcony Rail Center Line: 57’ @ 15°

Near Box Booms:	TOP 64’	BOTTOM 54’
Far Box Booms:	TOP 73’	BOTTOM 68’

ORCHESTRA PIT

Front of Pit to Apron at Center Line: 7’-6”

Distance Pit Extends under Apron at Center Line: 7’-6”

Orchestra Pit Width: 40’. 3’ wide stairs at either end of the pit

Depth of Pit from Stage Height: 8’

CONNECTIVITY

56 Channel FOH Snake/ 12 Returns SL

(2) Coax SL to FOH Run SL

(2) Fiber Optic SL to FOH Run

(2) CAT 5 SL to FOH Run

(2) CAT 6 SL to FOH Run

(1) CAT 6 SL to SR Crossover

(2) DMX SL to FOH Run

(1) DMX SL to Far Cove Run

(2) DMX SL to SR Crossover

(1) SDI SR to Mezzanine

(2) CAT 6 SR to Mezzanine

(2) SDI Orchestra ZZ to FOH

(2) SDI FOH to SR

(1) SDI FOH to Mezzanine

(1) SDI Lower Loge HR to SR

(1) SDI Lower Loge HL to SR

ROOM ASSIGNMENTS

DRESSING ROOMS

Rooms: 114, 115, 121, 122 One or Two People (has private bathroom/shower)

Rooms: 163, 164, 166, 167 One to Three People (has private bathroom/shower)

Room: 123 Female Chorus Room Thirty to Forty People

Room: 130 Male Chorus Room Fifteen to Twenty-Five People

MULTI-PURPOSE ROOMS

Room 116: Green Room / Production Office

Rooms 153, 154: Wardrobe, Laundry, Carpeted Rehearsal Space

OFFICES

Room 138: Technical Director

Room 137: Production Manager

Room 156: Operations Manager

Room 158: Director of Operations / Hospitality

RESTROOMS

Room 160: Men

Room 161: Women

MECHANICAL & HOUSE STORAGE ROOMS

Rooms: 119, 120, 127, 128, 129, 134, 137, 142, 152, 156, 162, 165, 168

INVENTORY

SOFT GOODS

(1) Main Act Curtain, Velour (Rouge), Center Split, Guillotine

(5) Borders, Black Velour: 8 'H x 65' W

(8) Pairs of Legs, Black Velour, 30' H x 13' W

(1) Cyc, White, 30'H x 65' W

(1) Scrim, Black. 30' H x 60' W

(1) Full Black, Black Velour Curtain, 30' H x 65' W

(1) Center-Split Black Curtain, Black Velour, 30' H x 65' W

RISERS

(18) 4' x 8' (4", 8", 16", 24" H) Skirting Available

(4) 4' x 4' (4", 8", 16", 24" H)

(7) 4' x 8' (24", 30", 36" H)

(5) 3-Tier Curved Choral Risers

DANCE FLOOR

(6) Marley Flooring, Black or Gray, 6' x 50'

LADDERS & LIFT

(1) JLG Lift. Working Height: 36'

(1) 12' Double-Sided Ladder

(1) 10' Double-Sided Ladder

(1) 10' Ladder

(1) 8' Double-Sided Ladder

(1) 8' Ladder

(1) 6' Ladder

VIDEO

EPSON 15K Laser Projector

24' x 16' Projection Screen

Roland V-1HD Switcher

Monitors / Teleprompters

PIANOS

(1) Steinway Model “D”

(1) Kimball Upright

ORCHESTRA SHELL

The “Entire Orchestra Shell” consists of:

(10) Moveable Towers

(4) Ceiling Pieces (Clouds), which are Permanently Hung on Rails: #10, #24, #37, #50

ORCHESTRA ACCESSORIES

(85) Straight-Back Black Cushioned Chairs

(88) Music Stands

(68) Music Stand Lights

(4) Padded Black Stools

(9) Unpadded Black Stools

(4) Unpadded Blonde (Unpainted) Stools

COMMUNICATION

(1) ClearCom Freespeak 11

(6) Headsets & Beltpacks

(1) ClearCom MS440

(6) Headsets & Beltpacks - wired

SOUND INVENTORY

AUDIO LINE ARRAYS

(9) Meyer Lyon (Located SL & SR)

(3) Meyer Leopard (Located SL & SR)

(8) Meyer Leopard (Center Cluster)

AUDIO PROSCENINUM TOWERS

(3) Meyer 1100-LFC (Located SL & SR)

(2) Meyer UPQ (Located SL & SR)

FRONT FILLS

(6) EAW JF-80

BALCONY DELAY

(6) Meyer Leopard

MONITORS

(8) Meyer MJF-210

(4) Meyer MJF-208

SIDE FILLS

(8) Meyer M2D

CONSOLE

(1) Digico SD-10 (Main Console) Mixing Station FOH House Right. SD (56) IN & (24) RETURN

(1) Digico SD-12 (Monitor Console) Mixing Station Off-Stage Left. D2 (48) IN

PROCESSING

(2) Meyer Callisto 616

(1) Meyer Galileo 816

AUDIO PLAYBACK

(1) Denon C-635 CD Player
(1) Teack CDR

AUDIO AC DISTRO

(1) Motion Labs

MICROPHONES & DI'S

MICROPHONES

(1) Shure Beta 91-A

(6) Shure SM-57

(5) Shure SM-81

(1) Shure Beta Geren Cond.

(1) Shure VP64A

(3) Sennheiser 421

(1) Sennheiser E-904

(4) Beyer M-10

(4) Crown PCC-160

(1) Shure Beta 52-A

(2) Shure SM-58

(2) Shure Beta 87H

(1) Shure 520

(4) Sennheiser 414

(6) Sennheiser E-604

(1) AKG D-112

(3) Beyer M-500

Working Inventory May Vary

DI'S

(4) Radial Pro-D-2

(1) Radial PRO-AV2

(2) Proco CB-1

(6) Radial PRO-DI

(4) Countryman Type-85

(2) Rapco db100

STANDS

(18) Straight Stands

(13) Tall Boom

(8) Short Boom

(3) Desk Boom

(3) Desk Straight

(6) Guitar Stands

WIRELESS SYSTEM

(3) Shure AD4Q 4 Channel Receiver (12 Channel Total)

(12) AD2 Handheld Transmitter

(10) AD1 Belt Pack Transmitter

IN-EAR MONITORING

(3) Shure P10T Dual Channel Transmitters

(6) Shure P10R In-Ear Bodypack Receivers

(1) Shure ADTQ Quad Channel Transmitter

(2) Shure ADXR In-Ear Bodypack Receivers

CAPS

(10) Shure BETA 58A

(8) Shure SM-58

(2) Shure KSM-9

(1) Shure Beta 87A

(2) Shure SM 87

HEADSETS

(8) Countrymen

(2) DPA 4066

SUB SNAKES

(1) 100’ 16-Channel

(1) 50’ 16-Channel

(2) 30’ 11-Channels

MIXERS

(1) Mackie PROFX6v3

LIGHTING INVENTORY

LIGHTING CONSOLE

(1) ETC ION & 40 Fader Wing (FOH House Right)

DIMMERS

(270) ETC Sensor (2.4KW)

INSTRUMENTS/FIXTURES

(16) Elation Satura Spot CMY Pro

(24) Elation Platinum Wash ZFX Pro

(10) ACL 360i

ETC Source 4 Leko's:

(24) 36°

(23) 26°

(25) 19°

(54) 10°

(150) Source 4 Par Can (Lenses: V. Narrow, Narrow, Medium, Wide)

(6) Altman 3-cell Cyc Lights

(4) Lycan 1295 3K Follow Spot

(7) ADJ Z-4

Working Inventory May Vary

HAZER

(1) Diffusion DF-50 Hazer

WARDROBE INVENTORY

(3) Washers

(3) Dryers

(3) Jiffy Steamers

(1) Older Steamer

(5) Irons – (1) Dry Only

(5) Ironing Boards

(1) Large Tabletop Sleeve Board

(1) Singer 4432

(6) 24” Fans

(2) 12” Fans

(2) 4” Fans

(4) Full Length Mirrors

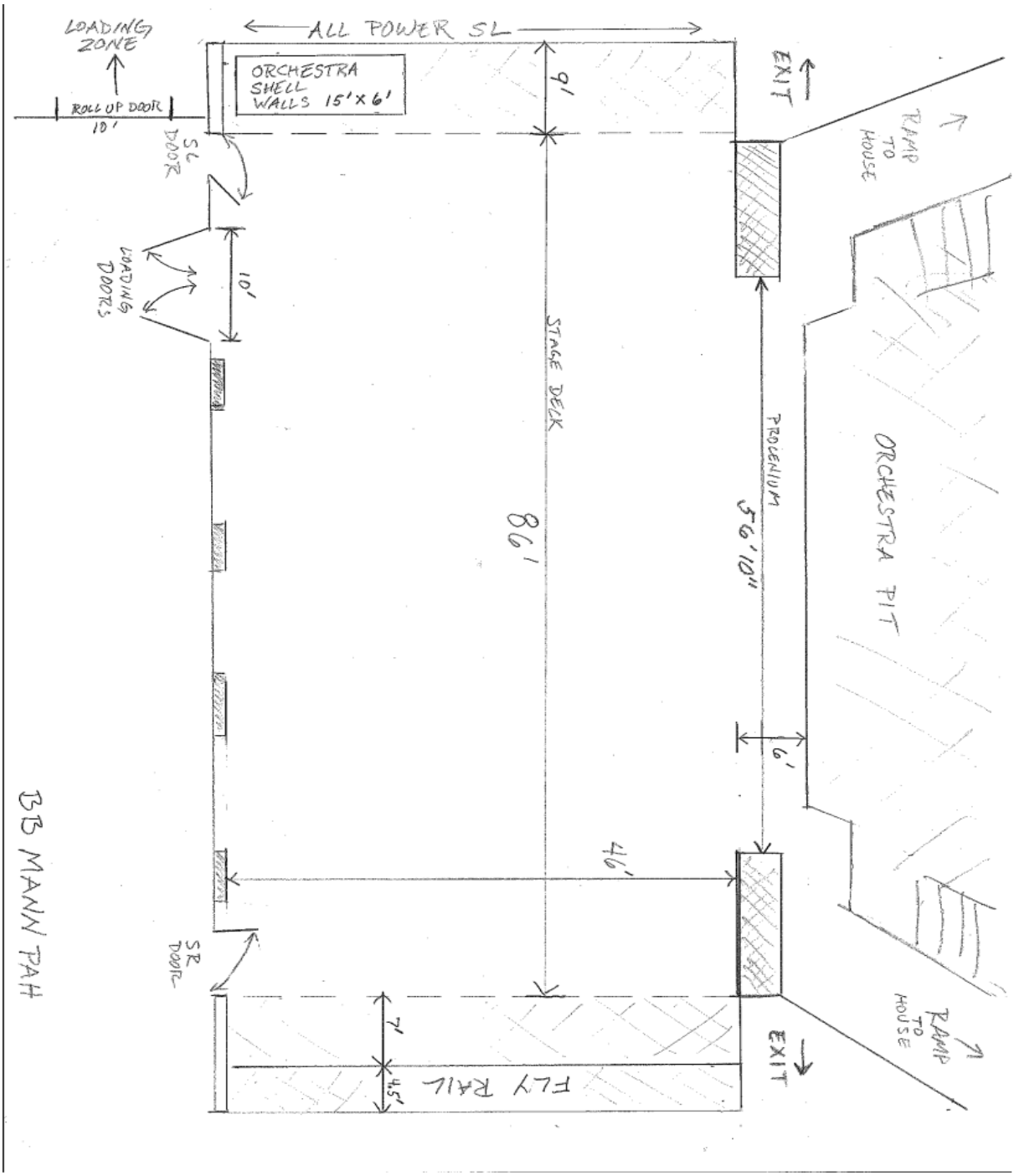
(2) Dino Racks

(4) Z Racks

(6) Collapsible Racks & (2) Mini

(120) Metal Folding Chairs (BLACK)

A. STAGE DIMENSION DRAWING



B. LINE SET SCHEDULE

BARBARA B. MANN - LINE SET SCHEDULE

** DENOTES PERMANENT LINESET ASSIGNMENTS

LINE #	DISTANCE US FROM PLASTER LINE	NORMAL HOUSE HANG	NOTES:	ALTERNATE HANGING POSITIONS:
**F.C.	0' - 4"	FIRE CURTAIN		
**H.C.	1' - 2"	HOUSE CURTAIN		
1	1' - 8"	1st BORDER		
2	2' - 4"	1st LEGS	KICK 1" DS ONLY	
**3	3' - 0"	1st ELECTRIC		
4	3' - 8"			
5	4' - 4"			
6	5' - 0"			
7	5' - 8"			
8	6" - 4"	2nd LEG (SR)		
9	7' - 0"	2nd LEG (SL)		
**10	7' - 8"	1st CLOUD		
11	8' - 4"			
12	9' - 0"			
13	9' - 8"			
14	10' - 4"			
15	11" - 0"	2nd BORDER		
16	11' - 8"	3rd LEGS		
17	12' - 4"			
**18	13' - 0"	2nd ELECTRIC		
19	14' - 4"		KICK 2" DS ONLY	
20	15' - 0"	MOVIE SCREEN		
21	15' - 8"			WHITE CYC POSITION #2
22	16' - 4"			SPLIT BLACK POSITION #2
23	17' - 0"	4th LEGS		
**24	17' 8"	2nd CLOUD		
25	18' - 4"			
26	19" - 0"			
27	19' 8"			
28	20' - 4"			
29	21' - 0"	3rd BORDER		
30	21' - 8"	5th LEGS		
31	22' - 4"			
**32	23' - 0"	3rd ELECTRIC		
33	24' - 4"			
34	25' - 0"			MOVIE SCREEN POSITION #2
35	26' - 4"	SPLIT BLACK	KICK 5" DS ONLY	SPLIT BLACK POSITION #2
36	27' - 0"	6th LEGS		
**37	27' - 8"	3rd CLOUD		
38	28' - 4"			
39	29' - 0"			
40	29' - 8"			

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BARBARA B. MANN - LINE SET SCHEDULE

** DENOTES PERMANENT LINESET ASSIGNMENTS

LINE #	DISTANCE US FROM PLASTER LINE	NORMAL HOUSE HANG	NOTES:	ALTERNATE HANGING POSITIONS:
41	30' - 4"	4th BORDER		
42	31' - 0"	7th LEGS		
43	31' - 8"			
44	32' - 4"			
**45	33' - 0"	4th ELECTRIC		
46	34' - 4"			
47	35' - 0"	WHITE CYC		
48	35' - 8"	FULL BLACK		
49	36' - 4"			
**50	37' - 0"	4th CLOUD	KICK 6" US ONLY	
51	38' - 4"	5th BORDER		
52	39' - 0"	8th LEGS		
53	39' - 8"			
54	40' - 4"			
55	41' - 0"			8th LEGS POSITION #2
56	42' - 4"			FULL BLACK POSITION #2
57	42' - 4"			
58	43' - 0"	UNAVAILABLE		
59	45' - 0"			

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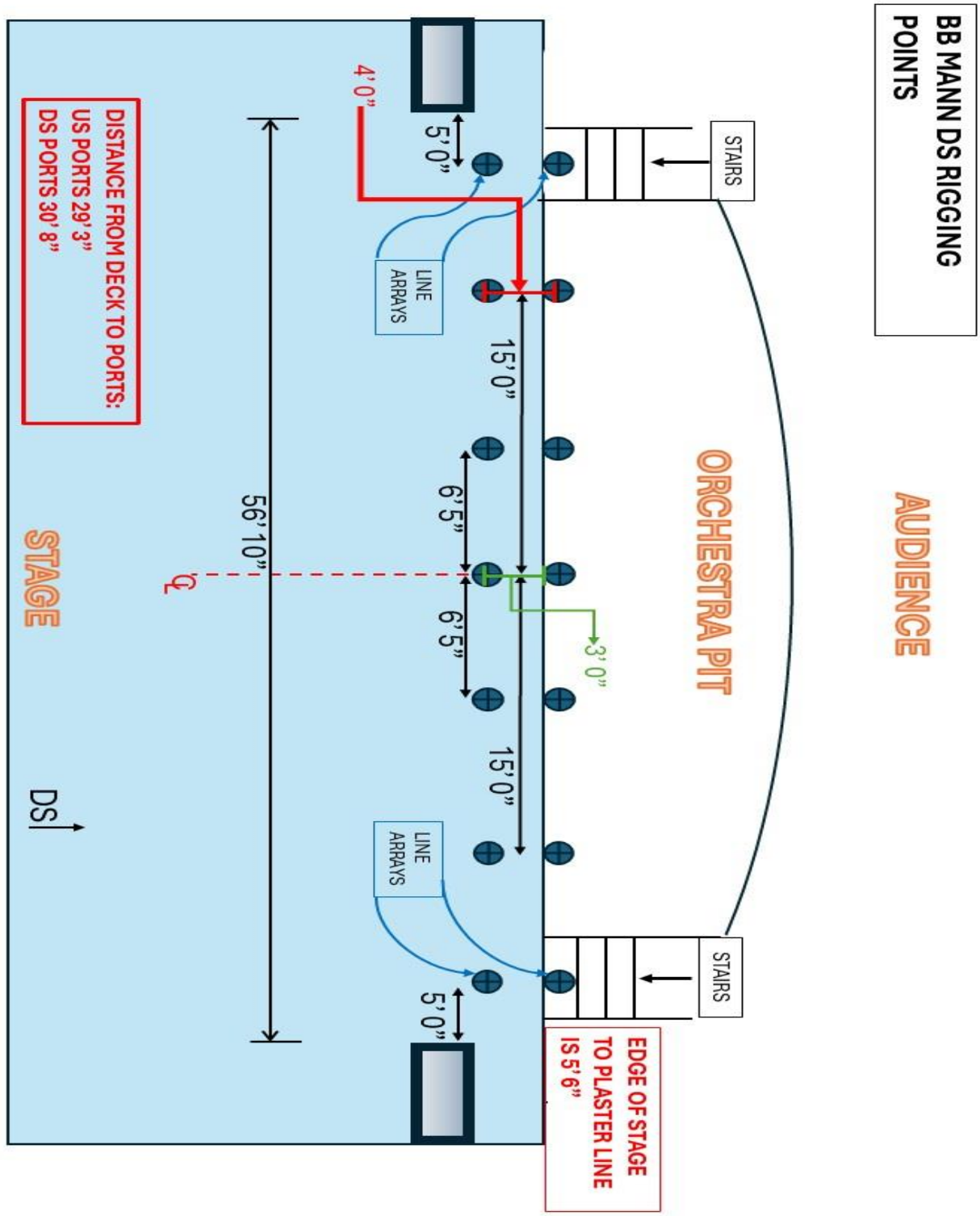
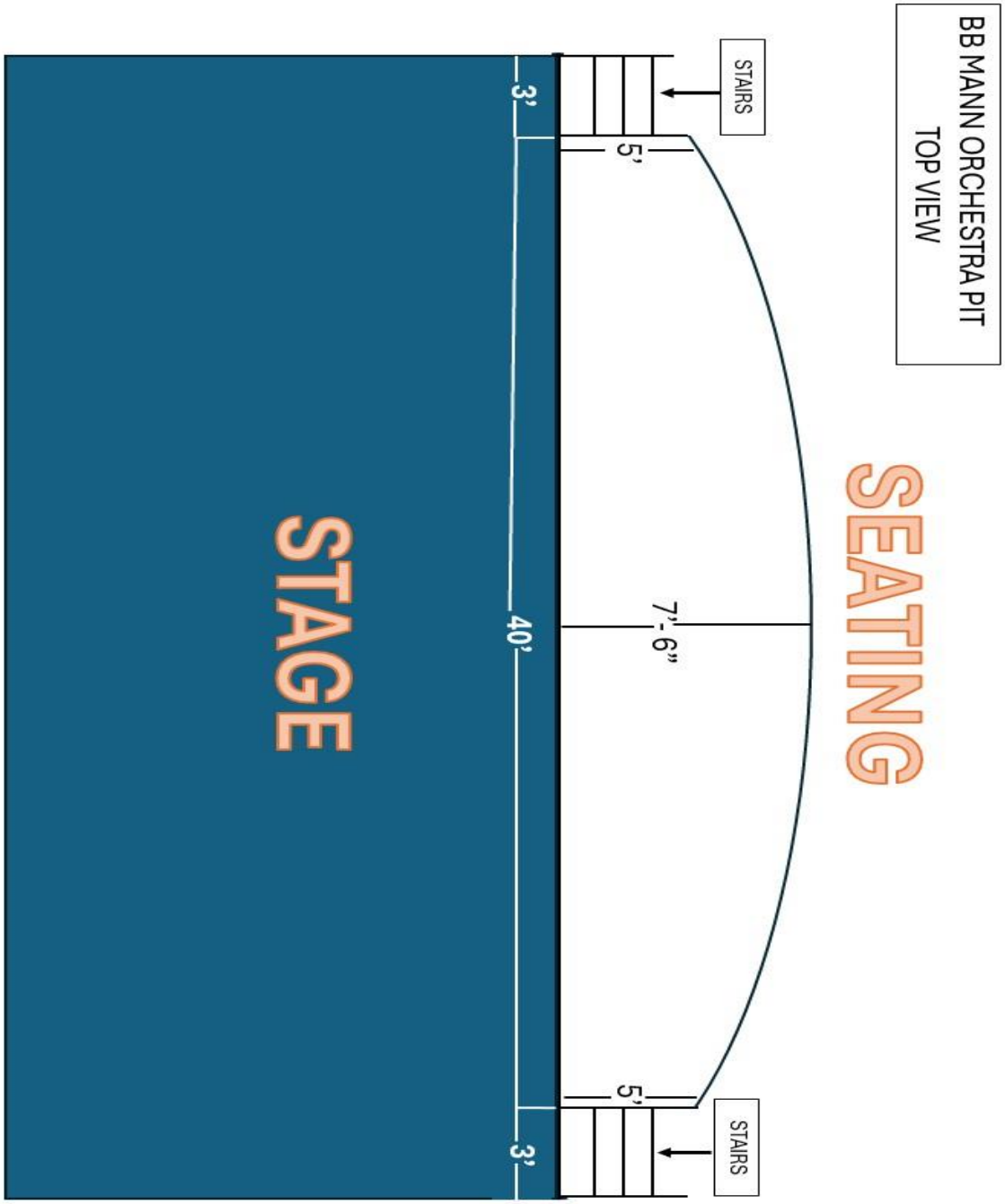
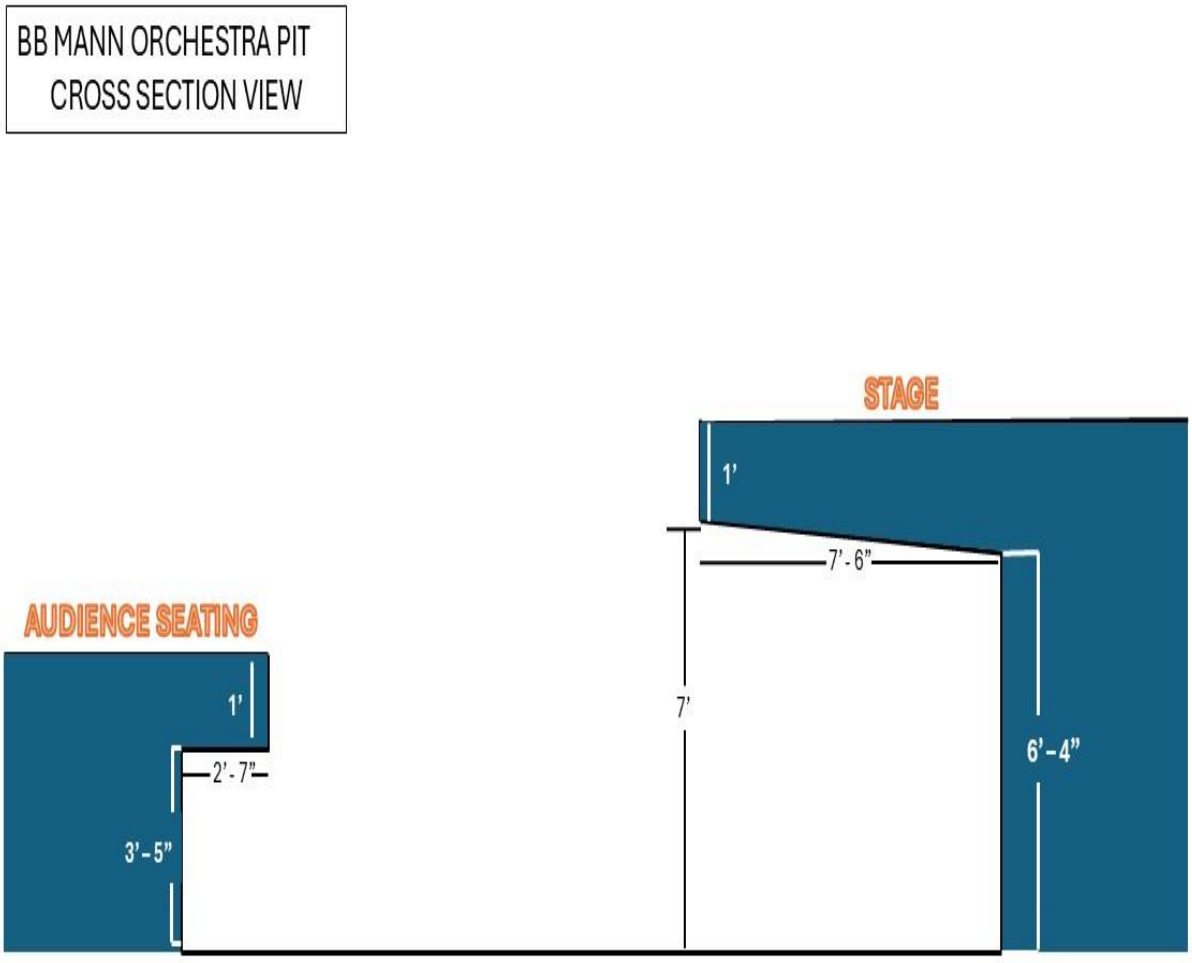
C. DOWNSTAGE RIGGING POINTS



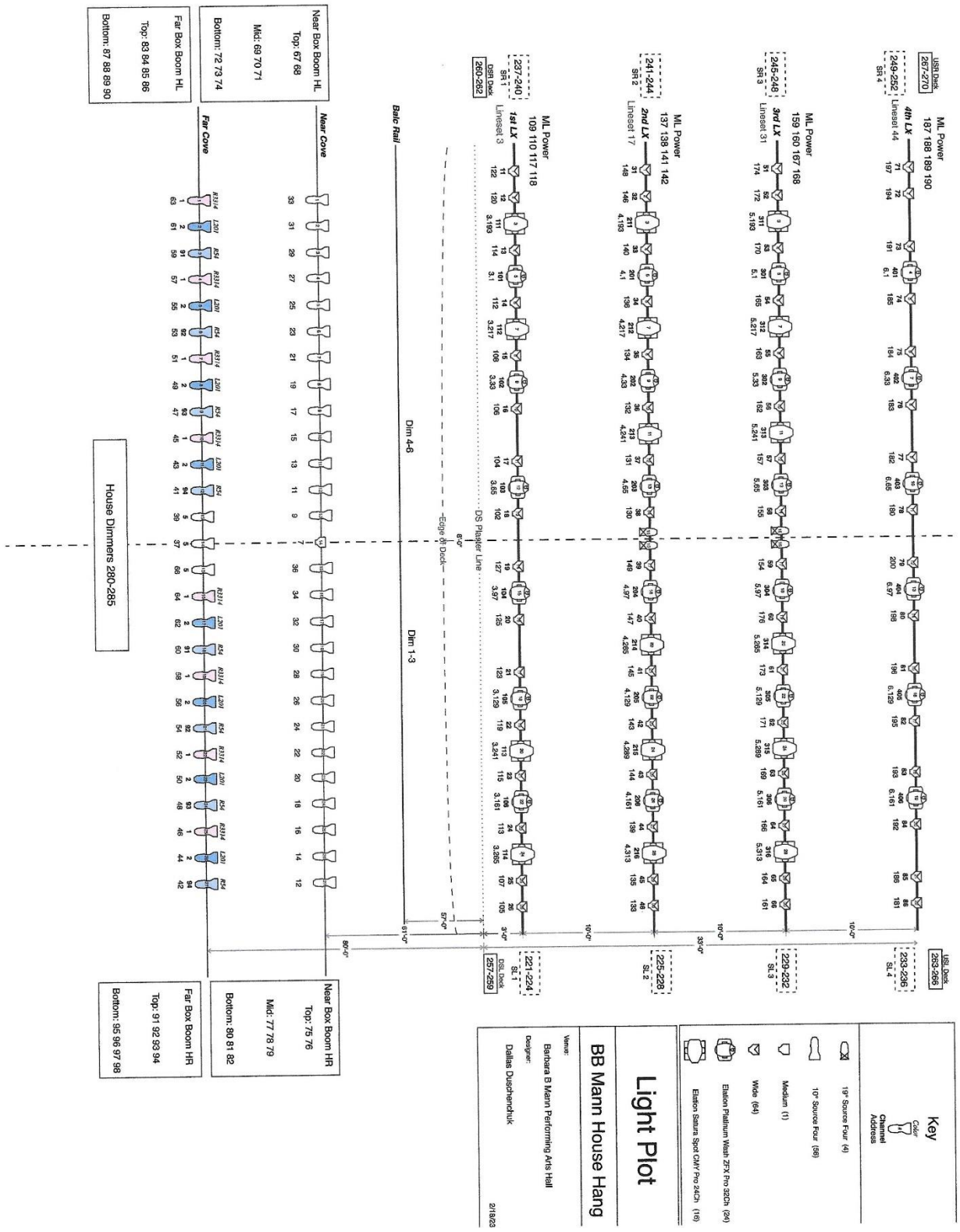
D. ORCHESTRA TOP VIEW



E. ORCHESTRA PIT SECTION VIEW



F. LIGHT PLOT


Near Box Boom HL
Top: 67 68
Mid: 69 70 71
Bottom: 72 73 74
Far Box Boom HL
Top: 83 84 85 86
Bottom: 87 88 89 90
Near Box Boom HR
Top: 75 76
Mid: 77 78 79
Bottom: 80 81 82
Far Box Boom HR
Top: 91 92 93 94
Bottom: 95 96 97 98
House Dimmers 280-285
Near Cove
Far Cove
Balc Rail
Dim 4-6
Dim 1-3
Edge of Deck
DS Plaster Line
ML Power
187 188 189 190
ML Power
159 160 167 168
ML Power
137 138 141 142
ML Power
109 110 117 118
Key
Color
Channel Address
19° Source Four (4)
10° Source Four (56)
Medium (1)
Wide (64)
Elation Platinum Wash ZFX Pro 32Ch (24)
Elation Satura Spot CMY Pro 24Ch (16)
Light Plot
BB Mann House Hang
Venue:
Barbara B Mann Performing Arts Hall
Designer:
Dallas Duschenchuk
2/18/23

G. MOVING LIGHT ADDRESSES

ML Address Sheet

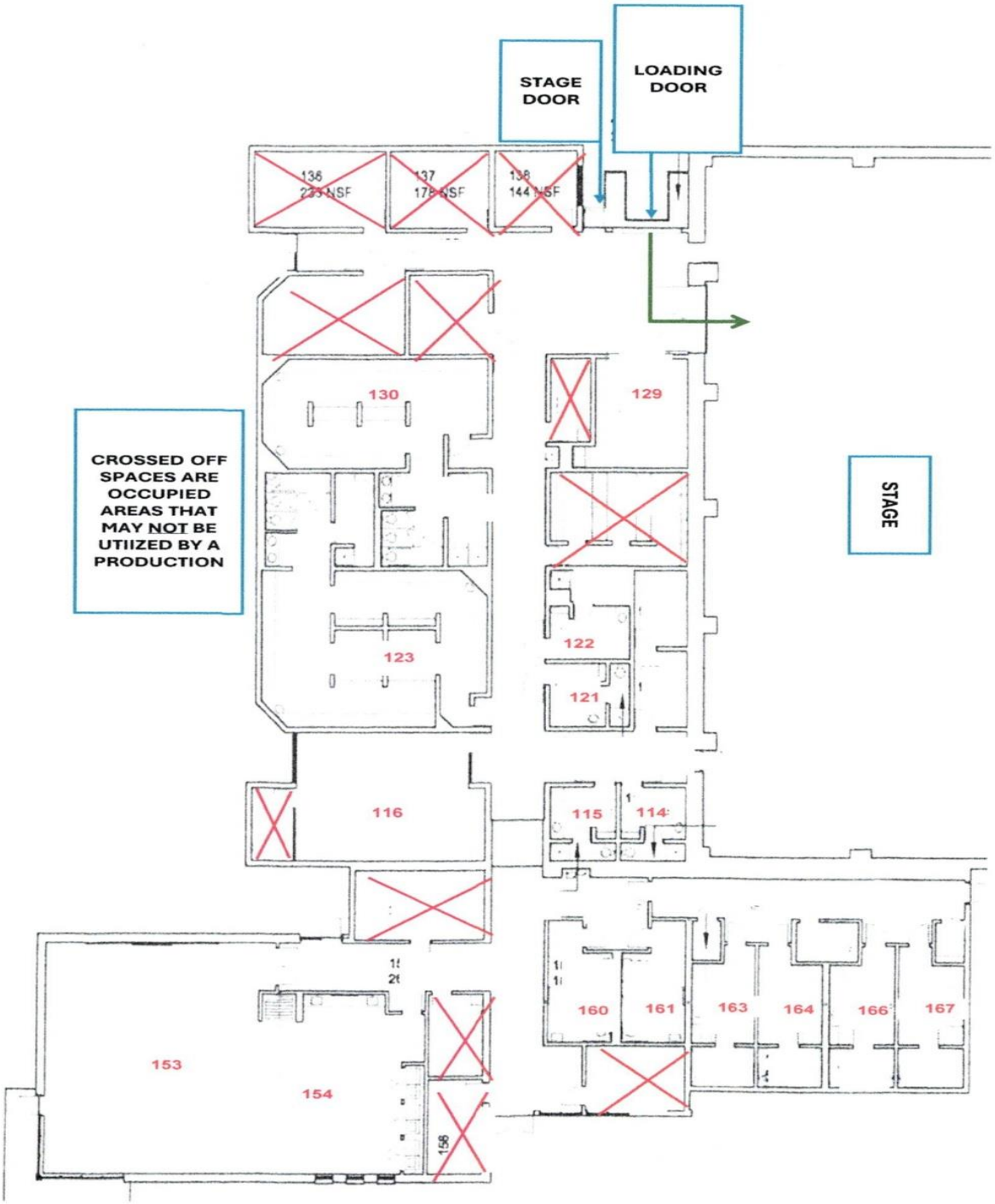
Intrument	Where	Address	Channel
Elation Platinum Wash ZFX Pro 32Ch	1st LX SR	3.1	101
Elation Platinum Wash ZFX Pro 32Ch	1st LX	3.33	102
Elation Platinum Wash ZFX Pro 32Ch	1st LX	3.65	103
Elation Platinum Wash ZFX Pro 32Ch	1st LX	3.97	104
Elation Platinum Wash ZFX Pro 32Ch	1st LX	3.129	105
Elation Platinum Wash ZFX Pro 32Ch	1st LX SL	3.161	106
Elation Satura Spot CMY Pro 24Ch	1st LX SR	3.193	111
Elation Satura Spot CMY Pro 24Ch	1st LX	3.217	112
Elation Satura Spot CMY Pro 24Ch	1st LX	3.241	113
Elation Satura Spot CMY Pro 24Ch	1st LX SL	3.265	114
Elation Platinum Wash ZFX Pro 32Ch	2nd LX SR	4.1	201
Elation Platinum Wash ZFX Pro 32Ch	2nd LX	4.33	202
Elation Platinum Wash ZFX Pro 32Ch	2nd LX	4.65	203
Elation Platinum Wash ZFX Pro 32Ch	2nd LX	4.97	204
Elation Platinum Wash ZFX Pro 32Ch	2nd LX	4.129	205
Elation Platinum Wash ZFX Pro 32Ch	2nd LX SL	4.161	206
Elation Satura Spot CMY Pro 24Ch	2nd LX SR	4.193	211
Elation Satura Spot CMY Pro 24Ch	2nd LX	4.217	212
Elation Satura Spot CMY Pro 24Ch	2nd LX	4.241	213
Elation Satura Spot CMY Pro 24Ch	2nd LX	4.265	214
Elation Satura Spot CMY Pro 24Ch	2nd LX	4.289	215
Elation Satura Spot CMY Pro 24Ch	2nd LX SL	4.313	216
Elation Platinum Wash ZFX Pro 32Ch	3rd LX SR	5.1	301
Elation Platinum Wash ZFX Pro 32Ch	3rd LX	5.33	302
Elation Platinum Wash ZFX Pro 32Ch	3rd LX	5.65	303
Elation Platinum Wash ZFX Pro 32Ch	3rd LX	5.97	304
Elation Platinum Wash ZFX Pro 32Ch	3rd LX	5.129	305
Elation Platinum Wash ZFX Pro 32Ch	3rd LX SL	5.161	306
Elation Satura Spot CMY Pro 24Ch	3rd LX SR	5.193	311
Elation Satura Spot CMY Pro 24Ch	3rd LX	5.217	312
Elation Satura Spot CMY Pro 24Ch	3rd LX	5.241	313
Elation Satura Spot CMY Pro 24Ch	3rd LX	5.265	314
Elation Satura Spot CMY Pro 24Ch	3rd LX	5.289	315
Elation Satura Spot CMY Pro 24Ch	3rd LX SL	5.313	316
Elation Platinum Wash ZFX Pro 32Ch	4th LX SR	6.1	401
Elation Platinum Wash ZFX Pro 32Ch	4th LX	6.33	402
Elation Platinum Wash ZFX Pro 32Ch	4th LX	6.65	403
Elation Platinum Wash ZFX Pro 32Ch	4th LX	6.97	404
Elation Platinum Wash ZFX Pro 32Ch	4th LX	6.129	405
Elation Platinum Wash ZFX Pro 32Ch	4th LX SL	6.161	406

H. ON STAGE PAR CIRCUIT NUMBERS

Par Address Sheet

Channel	Address	Instrument	Location	Channel	Address	Instrument	Location
11	122	Par (wide)	1st LX	51	174	Par (wide)	3rd LX
12	120	Par (wide)	1st LX	52	172	Par (wide)	3rd LX
13	114	Par (wide)	1st LX	53	170	Par (wide)	3rd LX
14	112	Par (wide)	1st LX	54	165	Par (wide)	3rd LX
15	108	Par (wide)	1st LX	55	163	Par (wide)	3rd LX
16	106	Par (wide)	1st LX	56	162	Par (wide)	3rd LX
17	104	Par (wide)	1st LX	57	157	Par (wide)	3rd LX
18	102	Par (wide)	1st LX	58	155	Par (wide)	3rd LX
19	127	Par (wide)	1st LX	59	154	Par (wide)	3rd LX
20	125	Par (wide)	1st LX	60	176	Par (wide)	3rd LX
21	123	Par (wide)	1st LX	61	173	Par (wide)	3rd LX
22	119	Par (wide)	1st LX	62	171	Par (wide)	3rd LX
23	115	Par (wide)	1st LX	63	169	Par (wide)	3rd LX
24	113	Par (wide)	1st LX	64	166	Par (wide)	3rd LX
25	107	Par (wide)	1st LX	65	164	Par (wide)	3rd LX
26	105	Par (wide)	1st LX	66	161	Par (wide)	3rd LX
31	148	Par (wide)	2nd LX	71	197	Par (wide)	4th LX
32	146	Par (wide)	2nd LX	72	194	Par (wide)	4th LX
33	140	Par (wide)	2nd LX	73	191	Par (wide)	4th LX
34	136	Par (wide)	2nd LX	74	185	Par (wide)	4th LX
35	134	Par (wide)	2nd LX	75	184	Par (wide)	4th LX
36	132	Par (wide)	2nd LX	76	183	Par (wide)	4th LX
37	131	Par (wide)	2nd LX	77	182	Par (wide)	4th LX
38	130	Par (wide)	2nd LX	78	180	Par (wide)	4th LX
39	149	Par (wide)	2nd LX	79	200	Par (wide)	4th LX
40	147	Par (wide)	2nd LX	80	198	Par (wide)	4th LX
41	145	Par (wide)	2nd LX	81	196	Par (wide)	4th LX
42	143	Par (wide)	2nd LX	82	195	Par (wide)	4th LX
43	144	Par (wide)	2nd LX	83	193	Par (wide)	4th LX
44	139	Par (wide)	2nd LX	84	192	Par (wide)	4th LX
45	135	Par (wide)	2nd LX	85	186	Par (wide)	4th LX
46	133	Par (wide)	2nd LX	86	181	Par (wide)	4th LX

L. BACKSTAGE/ROOM PLOT



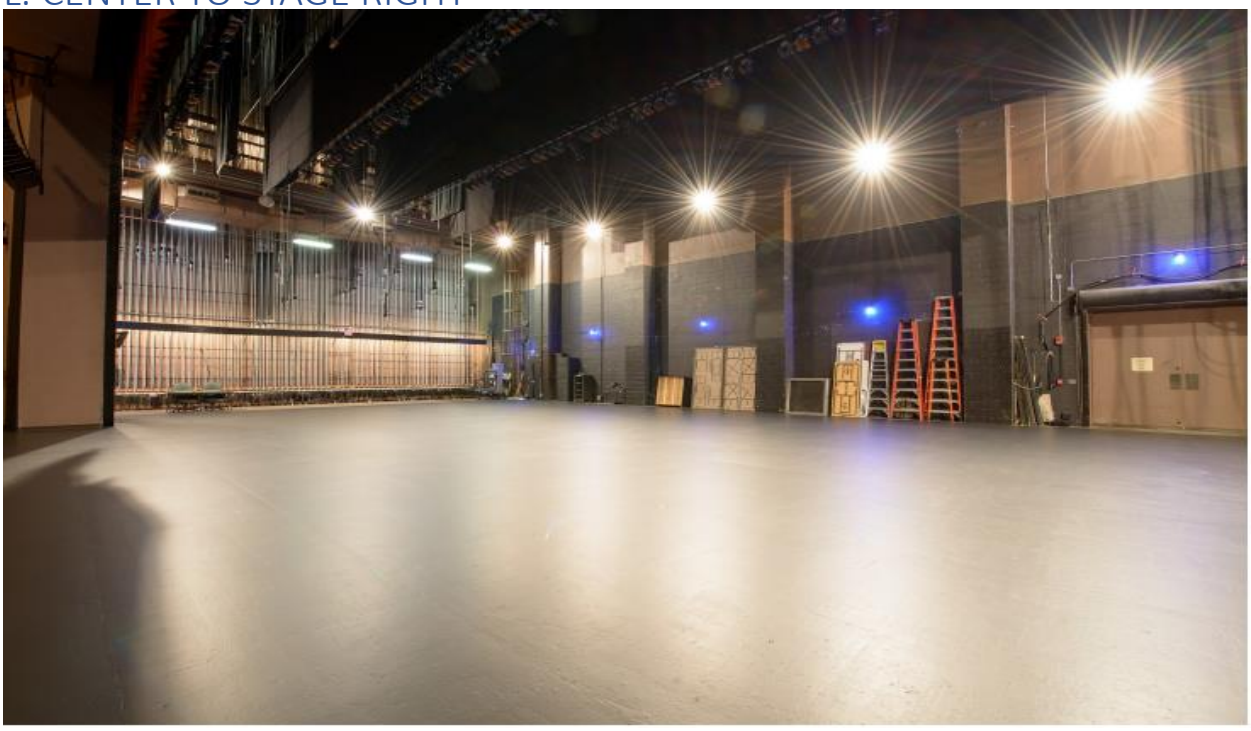
J. STAGE TO HOUSE VIEW



K. HOUSE TO STAGE VIEW



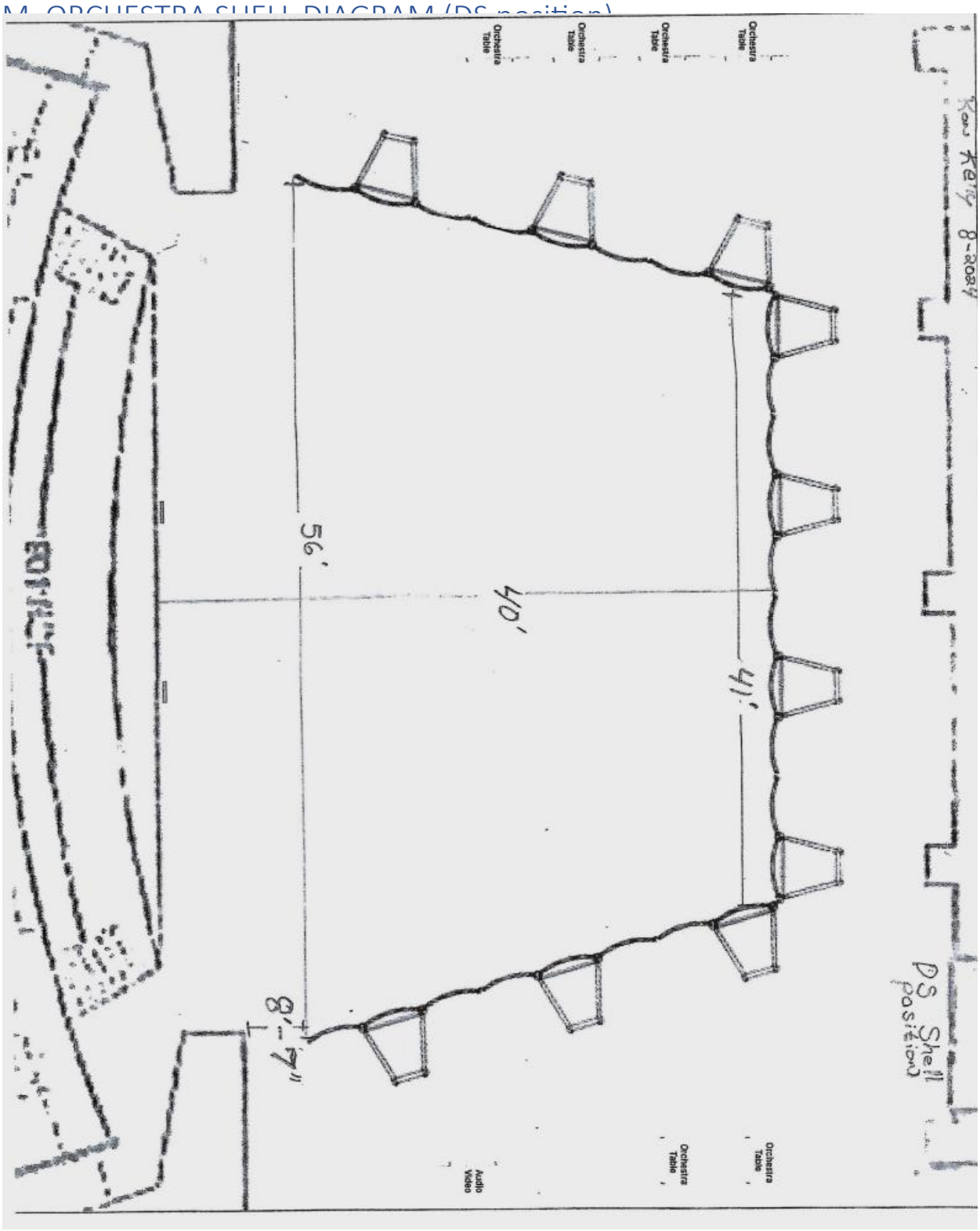
L. CENTER TO STAGE RIGHT



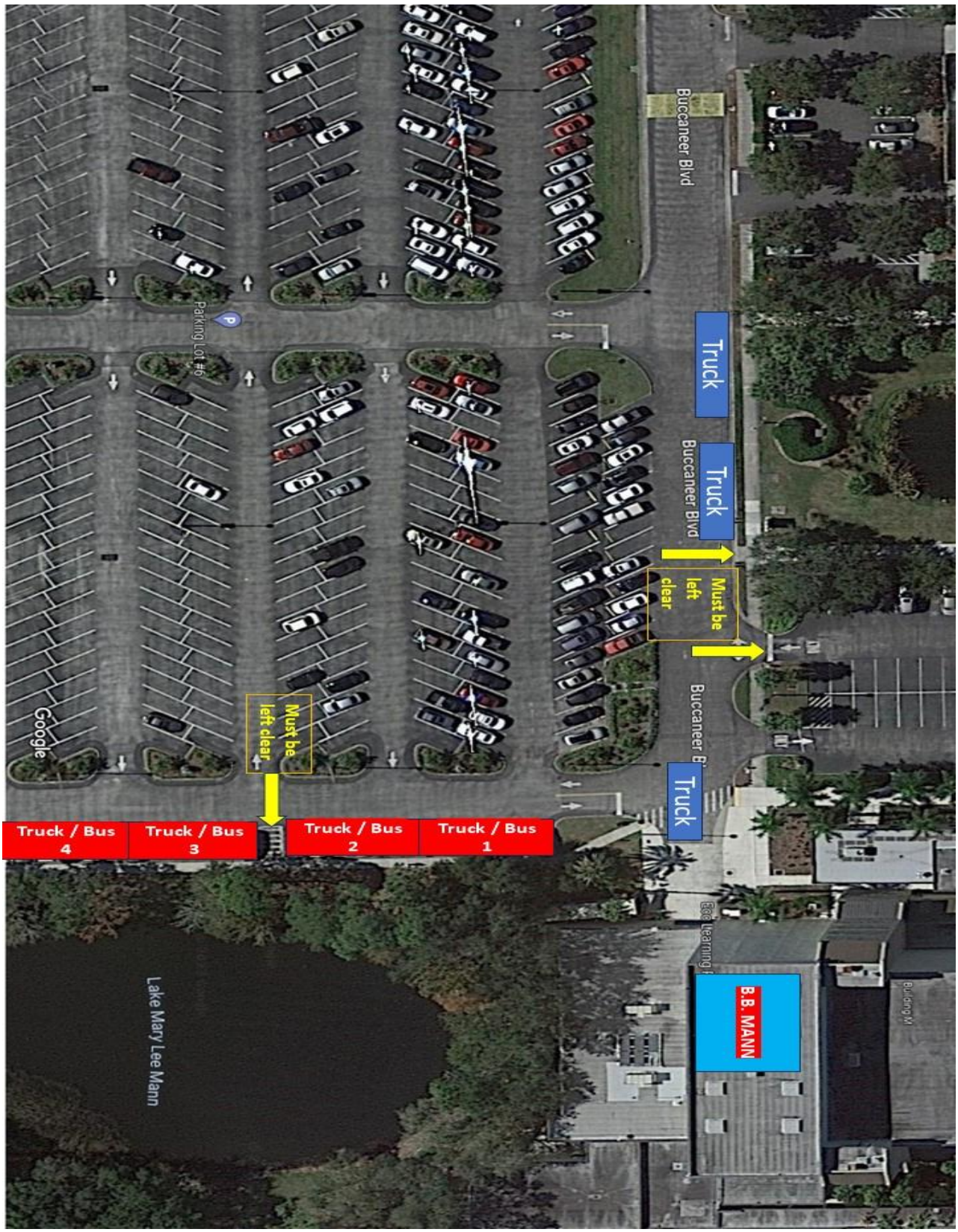
CENTER TO STAGE LEFT



M. ORCHESTRA SHELL DIAGRAM (DS position)



N. PARKING FOR TRAILERS/BUSES





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