APPELL CENTER FOR THE PERFORMING ARTS

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STRAND THEATRE TECHNICAL INFORMATION

TECHNICAL CONTACT: **Production Express, Inc.: (P) 717-854-5265 (F) 717-843-7031**
E-mail Jamie@proexp.com

TECHNICAL DIRECTOR: **James Heath (P) 717-512-9255 E-mail Jamie@proexp.com**
E-mail Jheath@appellcenter.org

GENERAL INFORMATION:

Proscenium Width:	42’-0”
Proscenium Height:	28’-0” to masonry 21’-6” to Grand Drape/Valance
Stage Depth:	37’-1” smoke pocket to upstage wall 37’-8’’ proscenium line to upstage wall
Stage Width:	77’-5” stage left wall to stage right wall 74’-5” stage left locking rail to stage right wall 14’-11” proscenium line to stage left locking rail 17’-6” proscenium line to stage right wall 35’-11” centerline to stage left locking rail 38’-6” centerline to stage right wall 29’-0” centerline to edge of stage left fly floor 29’-5” centerline to edge of stage right fly floor 58’-5” edge of stage left fly floor to edge of stage right fly floor
Stage Apron:	4’-0” proscenium line to edge of apron
Orchestra Pit:	Approximate capacity of 23 musicians 8’-3” below stage 10’-7” deep at centerline, 5’-0” deep at sides, extends 3’-0” under stage 42’-6” wide
Fly Floors:	35’-0” above stage 26’-9” clear from stage to AC duct under stage left fly floor 25’-9” clear from stage to AC duct under stage right fly floor
Grid Iron:	70’-0” above stage
Scene Dock:	Accessible stage right through a 12’-0” wide by 19’-0” high roll-up door, the 34’-0” long by 18’-0” wide-open area can be used for load-in/out staging or as additional scenery storage.
Loading Door:	10’-0” wide x 12’-0” high, at street level, stage right.

STAGE RIGGING SYSTEM:

Forty-eight (48) five-line, tee-bar guided, single purchase line sets, each with 1900# capacity, on 8" centers, operated from stage left. Each line set has a 52'-0" long truss batten.

Fire curtain is located 3" upstage of proscenium.

House curtain is located 1'-3" upstage of proscenium.

Line set #1 is located 2'-0" upstage of proscenium.

Line set #48 is located 36' upstage of proscenium.

Line set low trim is 4'-0".

Line set high trim is 65'-0".

50,000# of counterweight is on hand. This includes pipe counterweight on each line set.

STAGE DRAPERY:

(2) Travelers, black velour, with 50% fullness 28'-0" high 52'-0" wide
(6) Borders, black velour, sewn flat 15'-0" high 52'-0" wide
(12) Legs, black velour, sewn flat 28'-0" high 8'-0" wide
(1) Scrim, black, seamless sharkstooth 28'-0" high 52'-0" wide
(1) Cyclorama, seamless bleached muslin, 28'-0" high 52'-0" wide

STAGE LIGHTING DIMMING AND CONTROL SYSTEM:

(300) 2.4 kW and (8) 6.0 kW ETC *Sensor* dimmers in dimmer-per-circuit racks.
ETC GEO@5 with 24 fader wing.
Pathway Gateway Network
Lighting control from FoH is sACN
The house plot is 3 universes (4 with cyc ground row)
There is one portable 2 port node at FoH

STAGE LIGHTING CIRCUIT DISTRIBUTION:

FOH Ceiling "Perches":

Each is a 12'-8" x 4'-4" platform suspended from the auditorium ceiling.
Each is located 30° to either side of the proscenium centerline.
58'-6" throw from center of perch to person standing at proscenium line, center center.
Angle is 39° from center of perch to person standing at proscenium line, center center.
Each has surface mount, vertical connector strip with flush mount, pin plug receptacles.

FOH Box Booms:

Each are mounted on the auditorium sidewall, approximately 39° to either side of the proscenium centerline. 50'-0" throw from box boom to person standing at proscenium line, center center.
Throw angle is 26° from box boom to person standing at proscenium line, center center.
Each has surface mount, vertical connector strip with flush mount, pin plug receptacles.

FOH Balcony Rail:

81'– 0" throw to person standing at proscenium line, center center.

Throw angle is approximately 7° from rail to person standing at proscenium line, center center.
Each outlet box is recess mounted with flush mount pin plug receptacles.

Onstage Electric Pipes:

Each has pipe mounted connector strips with flush mount pin plug receptacles

#1 Electric Pipe: (36) 20A 4'- 0" from plaster line
#2 Electric Pipe: (24) 20A 10'- 8" from plaster line
#3 Electric Pipe: (24) 20A 16'- 0" from plaster line
#4 Electric Pipe: (24) 20A 21'-4'' from plaster line
#5 Electric Pipe: (24) 20A 28'- 0" from plaster line

Follow Spots:

(3) Lycian #1290 XLT Long Throw with 2k Xenon lamp

COMPANY SWITCHES:

Each company switch has a 100% rated breaker, cam-lok connectors and a lug connection area.

(1)	400A Stage machinery	Upstage wall, stage left
(1)	100A Sound (isolated ground)	Down Stage left
(2)	400A Stage lighting	Stage right scenery dock
(2)	400A Stage lighting	Stage right fly floor (in parallel with stage level stage lighting company switches)
(1)	400A Stage machinery	Stage right fly floor

SOUND SYSTEM:

FOH and Monitor Equipment

(1) Soundcraft Vi 3000 48 X 16 Mixing Console
(6) JBL SRX 218 passive (2) mixes from house console)
(1) Sennheiser Infrared Listening System w/ 4-emitter panels
(72) Mic lines to FOH…(24) from SL, (24) from SR, (24) from orchestra pit

SPEAKER SYSTEM

(16) JBL VerTec 4888DP V4 self-powered 3-way Stereo Line Array Speakers (8 per side) Concert System
(3) Clair Bros Cat-2 3-way compact line array Full Range Mono Center Cluster
(4) EAW JF80 passive 2-way Front Fills
(8) JBL VTX B18 with Crown 4x3400 amps (Portable – used as needed)
(6) Clair Bros. UB2003 Under Balcony Speakers

All powered by CBX-700, 900 and 1100 power amps

MISC. EQUIPMENT

Miscellaneous SHURE, AKG and SENNHEISER Microphones as needed.
Also (4) channels of Shure ULXP wireless, (4) handhelds and (4) B3 Lavs.
Miscellaneous Mic Stands, Booms, Cables and Sub-Snakes as needed.
1 Dressing Room Monitor and Call System
1 Infrared Video Distribution System (1-Camera on balcony rail)

CLEAR-COM SYSTEM

(2) RCS-2000 Assignment Units
(1) CS-210 Power Supply
(10) CC-95 Single Muff Headsets with RS-501 Beltpacks
(5) Wireless clear com belt beltpacks

DRESSING ROOMS:

Stage Level:
(2) 2 person (Star), each with toilet and shower

Basement Level (Under Stage):
(2) 12 person (Chorus), each with (2) toilets and (2) showers
(2) 4 person (Principal), each with toilet and shower

Wardrobe Room with (2) washers and (2) dryers, (2) steamers, irons and ironing boards.

ORCHESTRA PIT COVER:

Wenger pit cover manual install and remove. Set at stage level, or out for orchestra. (We do not seat the pit cover)

Appell PAC
Strand Theatre

As of 1/1/2023

Distance From Plaster	Line-Set	Forty-nine (49) five-line, tee-bar guided, single purchase line sets, each with 1900# capacity, on 8” centers, operated from stage left. Each line set has a 52’-0” long truss batten
	V	MAIN VALENCE (DEAD HUNG)
	F	FIRE CURTAIN
1'-0''	M	MAIN CURTAIN (OPERATED STAGE LEFT(Guillotine ONLY))
2'-0''	1	#1 BORDER
2'-8''	2	#1 LEGS
3'-4''	3	OPEN BATTON
4'-0''	4	1st. ELECT (RACEWAY DOES NOT STIKE)
4'-8''	5	OPEN BATTEN
5'-4''	6	OPEN BATTEN
6'-0''	7	OPEN BATTEN
6'-8''	8	OPEN BATTEN
7'-4''	9	#1 ORCHESTRA SHELL
8'-0''	10	#2 BORDER
8'-8''	11	#2 LEGS
GAP IN RAIL		GAP IN RAIL
10'-8''	12	2nd ELECT (RACEWAY DOES NOT STRIKE)
11'-4''	13	OPEN BATTEN
12'-0''	14	OPEN BATTEN
12'-8''	15	OPEN BATTEN
12'-4''	16	#2 ORCHESTRA SHELL
14'-0''	17	OPEN BATTEN
14'-8''	18	#3 BORDER
15'-4''	19	#3 LEGS
16'-0''	20	3rd ELECT (RACEWAY DOES NOT STRIKE)
16'-8''	21	OPEN BATTEN
17'-4''	22	MIDSTAGE TRAVELER (DOES NOT STRIKE)
18'-0''	23	OPEN BATTEN
18'-8''	24	#3 ORCHESTRA SHELL
19'-4''	25	OPEN BATTEN
20'-0''	26	#4 BORDER
20'-8''	27	#4 LEGS
21'-4''	28	4th ELECT (RACEWAY DOES NOT STRIKE)
22'-0''	29	OPEN BATTEN
22'-8''	30	OPEN BATTEN
23'-4''	31	#5 BORDER
GAP IN RAIL		GAP IN RAIL
25'-4''	32	#4 ORCHESTRA SHELL
26'-0''	33	#5 LEGS
26'-8''	34	SCRIM
27'-4''	35	OPEN BATTEN
28'-0''	36	5TH ELECTRIC (RACEWAY DOES NOT STRIKE)
28'-8''	37	OPEN BATTEN
29'-4''	38	OPEN BATTEN
30'-0''	39	UPSTAGE TRAVELER (DOES NOT STRIKE)
30'-8''	40	#6 BORDER
31'-4''	41	#6 LEGS
32'-0''	42	OPEN BATTEN
32'-8''	43	WHITE CYC
33'-4''	44	FULL BLACK
34'-0''	45	OPEN BATTEN
34'-8''	46	OPEN BATTEN
35'-4''	47	OPEN BATTEN
36'-0''	48	OPEN BATTEN
37'-8''		UPSTAGE WALL

Fire curtain is located 3” upstage of proscenium.
House curtain is located 1’-3” upstage of proscenium.
Line set #1 is located 2’-0” upstage of proscenium.
Line set #49 is located 37’-4” upstage of proscenium.
Line set low trim is 4’-0”.
Line set high trim is 65’-0”.

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Strand Theatre • Capitol Theatre • The Studio

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Strand Theatre

Rep Lighting Plot

Technical services provided by:

SOUND AND LIGHTING
PE PRODUCTION EXPRESS, INC.
ESTABLISHED 1985

www.proexp.com

DRAWN BY: APB
UPDATED BY: JJS
DATE UPDATED: 09/27/2022

NOTES:

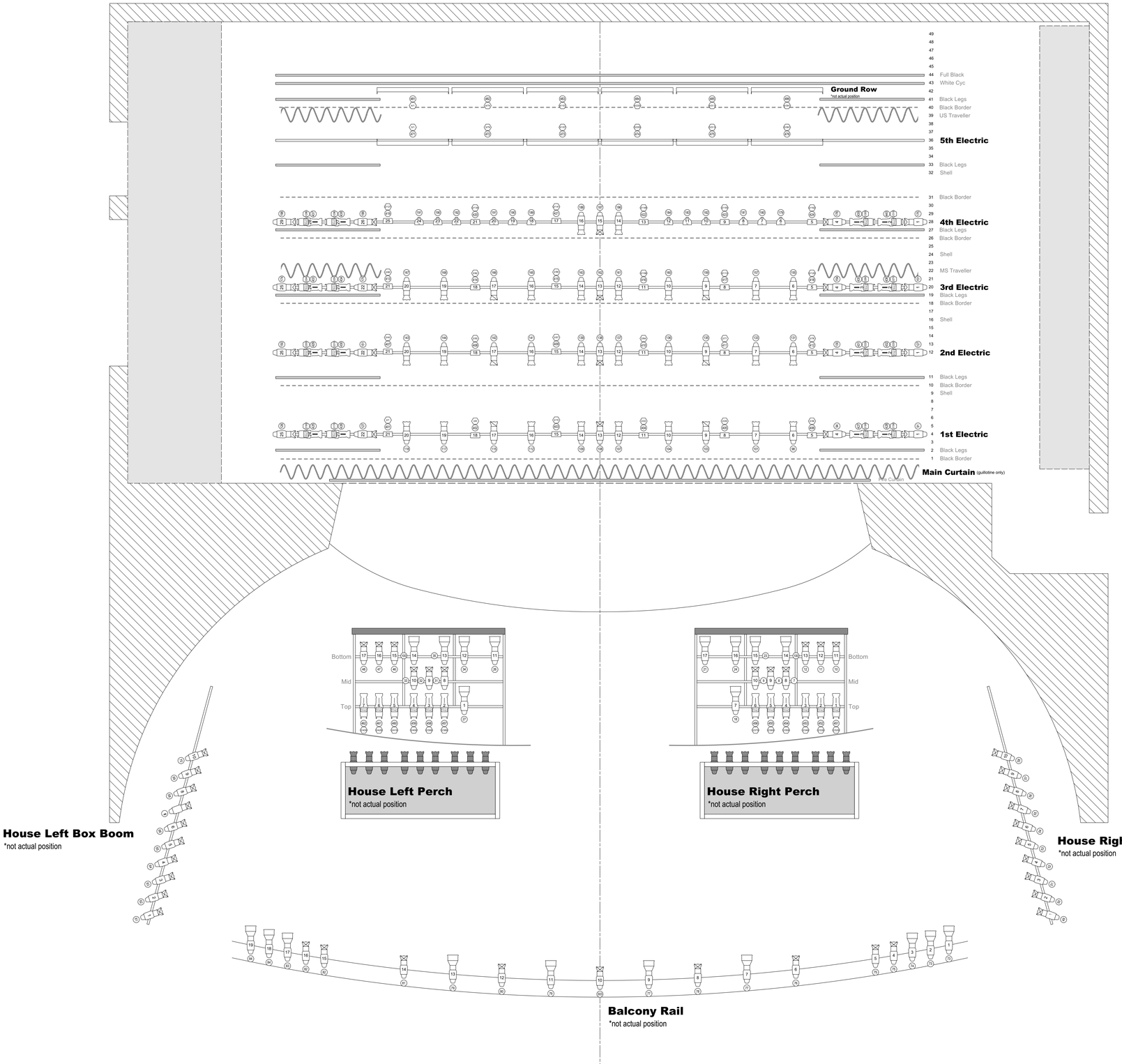
- This is the basic repertory plot that is maintained and adjusted as needed per contract.
- Do not anticipate the Rep or any specific plot to be ready upon arrival at the venue, although all effort is made to make this possible.
- ALL WORK beyond the scope of the Rep plot REQUIRES APPROVAL from Technical Director at least 2 weeks in advance of load-in date.
- Floor Boom Kit REQUIRES APPROVAL from Technical Director.
- Please advise Technical Director if using Box Booms or Balcony Rail.
- Conventional fixtures are patched 1-to-1
- The following dimmer rack modules are relays: 1+2, 41+42, 93+94, 119+120, 129+130, 145+146, 153+154, 169+170, 177+178, 193+194, 207+208, 213+214, and 277-280.

DISCLAIMER:

This drawing is a symbolic representation only and approximates real-world conditions. All information is subject to change without notice. Only a qualified theatrical electrician should install, maintain, alter, or operate the lighting plot represented in this drawing.

CONTACTS:

- Technical Director: James Heath (jamie@proexp.com)
- Strand-Capitol PAC: 717-846-1111



KEY:

- Unit Number
- Channel Address
- ETC S4 10deg
- ETC S4 19deg
- ETC S4 26deg
- ETC S4 36deg
- ETC S4 50deg
- ETC S4 PARnel
- Elation SixPar 300
- Martin ELP CL 19deg
- Martin ELP CL 36deg
- Elation Seven Batten 72"



York, PA - Strand Theatre