

# STAGE ELECTRICAL



1 OF 1

- COMPANY SWITCH -

SERVICE OPTIONS:

- 3-Phase, 4-Wire, 208V  
Amps per Leg: 400
- 3-Phase, 4-Wire, 208V  
Amps per leg: 100

DISCONNECT LOCATION:

Stage-Left Wing, Down-Stage Corner,  
30 Feet to Stage

BREAKOUT CIRCUIT PANEL:

None - User Must Provide

- DIMMER BANK INPUT POWER -

3-Phase, 4-Wire, 208V  
800A Maximum per Phase

- LIGHTING DIMMERS -

Quantity: 223  
Individual Rating: 120V, 2400W, 20A  
Connector Type: 3-Pin

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**NOTE:**

ALL HOUSE SOUND PROCESSING AND COMMUNICATIONS EQUIPMENT HAS  
BEEN WIRED TO SEPARATE POWER AND GROUND.

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# FACILITY INFORMATION



1 OF 2

- ADDRESS - CIVIC HALL PERFORMING ARTS CENTER

380 Hub Etchison Parkway  
Richmond, Indiana 47374

- OFFICE STAFF -

Facilities Director: Jeffrey Thorne  
Technical Director: Michael Rogan

Office Manager: Cindy Cate  
Housekeepers: Joy Moore, Myra Combs

- PHONE / FAX / E-MAIL -

Administration:	Box Office/Reception:	(765) 973-3350
		(765) 973-3348
	Technical Director:	(765) 973-3453
	Housekeeping:	Ext. 3530
Production:	Backstage	Ext. 3534
	Sound/Light Booth	Ext. 3542
Fax:		(765) 973-3346
E-Mail:	Jeffrey Thorne:	jthorne@rcs.k12.in.us
	Cindy Cate:	cindyb@rcs.k12.in.us
	Michael Rogan:	miker@rcs.k12.in.us

- DIRECTIONS -

**From Indianapolis:** I-70 E to exit 149A, S on Williamsburg Pike 2.8 mi. to National Rd (US 40), Left on National Rd .3 mi. to SW 1st St, Right on SW 1st St, to Hub Etchison Pkwy (4-lane w/ median), S .4 mi. to horseshoe drive on Right and Civic Hall Performing Arts Center (CHPAC).

**From Dayton:** I-70 W to exit 149A, S on Williamsburg Pike 2.8 mi. to National Rd (US 40), Left on National Rd .3 mi. to SW 1st St, Right on SW 1st St, to Hub Etchison Pkwy (4-lane w/ median), S .4 mi. to horseshoe drive on Right and Civic Hall Performing Arts Center (CHPAC).

**From Muncie:** US 35 S to I-70 interchange, continue straight through interchange (road becomes Williamsburg Pike), S on Williamsburg Pike 2.8 mi. to National Rd (US 40), Left on National Rd .3 mi. to SW 1st St, Right on SW 1st St, to Hub Etchison Pkwy (4-lane w/ median), S .4 mi. to horseshoe drive on Right and Civic Hall Performing Arts Center (CHPAC).

**From Cincinnati:** US 27 N to Richmond, Left on US 40 W (N A St), stay on US 40 W .7 mi. to NW 1st St, Left on NW 1st St, S .5 mi. through light to Hub Etchison Parkway (4-lane with median), to horseshoe drive on Right and CHPAC.

**From Ft. Wayne:** US 27 S to US 40 W (N A St), Right on US 40 W .7 mi. to NW 1st St, Left on NW 1st St, S .5 mi., through light to Hub Etchison Parkway (4-lane with median), to horseshoe drive on Right and CHPAC.

# FACILITY INFORMATION



2 OF 2

- LOAD-IN -

Off-Street to Loading Dock:

Street level access directly from Hub Etchison Parkway, via 12' driveway apron, and load-in through 9'w x 10'h overhead door.

Loading Dock to Stage Entrance:

Interior stage loading area is approximately 26' x 44', with access directly to stage-left wing area through 12'w x 16'h sliding fire door.

- AUDITORIUM SEATING CAPACITY -

Main Floor & Boxes: 616

Balcony & Boxes: 308

Total: 924

(Physically Challenged Seating Available Upon Request)

- DRESSING ROOMS -

To date, permanent dressing room facilities are unfinished. Temporary dressing room space, utilizing adjacent classroom and ensemble rooms, may be requested to meet user needs.

- ELEVATOR - None

- STAGE FLOOR COMPOSITION -

FIR (Nails and Stage Screws are Not Permitted - Color Finish: Ebony)

- ORCHESTRA SHELL -

Configurations & Dimensions:

*(See Dimensional Information Section, Drawing: D3)*

- STAGE LABOR -

Available upon prior confirmation between Presenter and Civic Hall Performing Arts Center. Otherwise, Presenter is responsible for additional stage labor.

# STAGE LIGHTING



1 OF 7

## - PRIMARY CONSOLE -

### **EnAct 200** - *Electronics Diversified Inc.*

- Features:
- High Speed Processing Power
    - Addresses up to 200 control channels
  - 4 Pages x 24 Manual or Timed Playbacks
    - 96 playbacks for channel, group, or cue info
  - 2 Pages of Patch Tables
    - For customizing dimmers to channels
  - Programmable Macros with Wait Controls
  - Show Comparison - Internal review of cues, groups, subs on disk
  - Color VGA Display Monitor and Dot Matrix Printer
  - Auto-Record to internal 3.5" high-density disk drive

## - SECONDARY CONSOLE -

### **SubCommander** - *Electronics Diversified Inc.*

- Features:
- 144 Preset Capacity
  - 12 Faders on 12 Pages
  - Clock & Timer Displays
  - Color VGA Display Monitor
  - Auto Clock Fades
  - Auto Record from Primary Console
  - Pile-On, Pass-Thru or Solo Operation Modes
  - Off-Line Storage to 3.5" disk drive
  - Edit Capability

## - INSTRUMENT INVENTORY -

- (20) Altman 1KL6-30 Ellipsoidal, 1000w
- (20) Altman 1KL6-20 Ellipsoidal, 1000w
- (10) Altman 1KL6-12 Ellipsoidal, 1000w
- (6) Altman 1KL8-10 Ellipsoidal, 1000w
- (4) Altman 1KL10-5 Ellipsoidal, 1000w
- (30) Altman 3600 6x9 Ellipsoidal, 750w
- (35) Altman 65Q 6" Fresnels, 750w
- (4) Altman 100 3" Fresnels, 150w (2 with picture frame adaptor)
- (20) Altman PAR 64, 500w (WFL)

# STAGE LIGHTING



2 OF 7

- INSTRUMENT INVENTORY (Continued) -

- (4) Colortran 650-035; Variable: 20, 30, 40 Degree Ellipsoidals, 1000w
- (12) Altman 154 Scoops, 750w
- (24) Altman R40 7.5 Border Lights, 150w PAR Flood; on three circuits: Red, White, Blue
- (20) ETC Source Four 19 degree, HPL 575w
- (28) ETC Source Four 26 degree, HPL 575w
- (26) ETC Source Four 36 degree, HPL 575w
- (20) ETC Source Four 50 degree, HPL 575w
- (24) ETC Source Four PARs (MCM), HPL 575w  
Lenses: VN5P, NSP, MFL, and WFL
- (10) L & E 4-Cell Broadcycs, 1000w

- FOLLOW SPOTS -

- (2) Altman Satellite I, 575w HMI

- BOOMS -

- (8) 12' Booms on 50lb. pedestals

- FOG / HAZE -

- LeMaitre D-300 w/ DMX Control

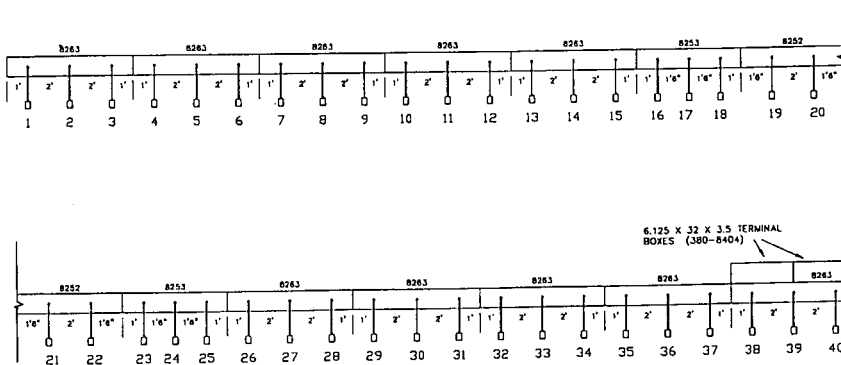
- CIRCUIT LOCATIONS - (*See Drawings: L1 - L5*)

- Power/Load: 125V, 2400W, 20A
- Connector Type: 3-Pin and Edison

- COMPANY SWITCH -

- Power: 3-Phase, 208V, 400A
- Location: Stage-Left, Down-Stage Corner  
30 Feet to Stage

STAGE LIGHTING: MAIN BEAM / CATWALK  
(W/ DIMMER CIRCUITS)

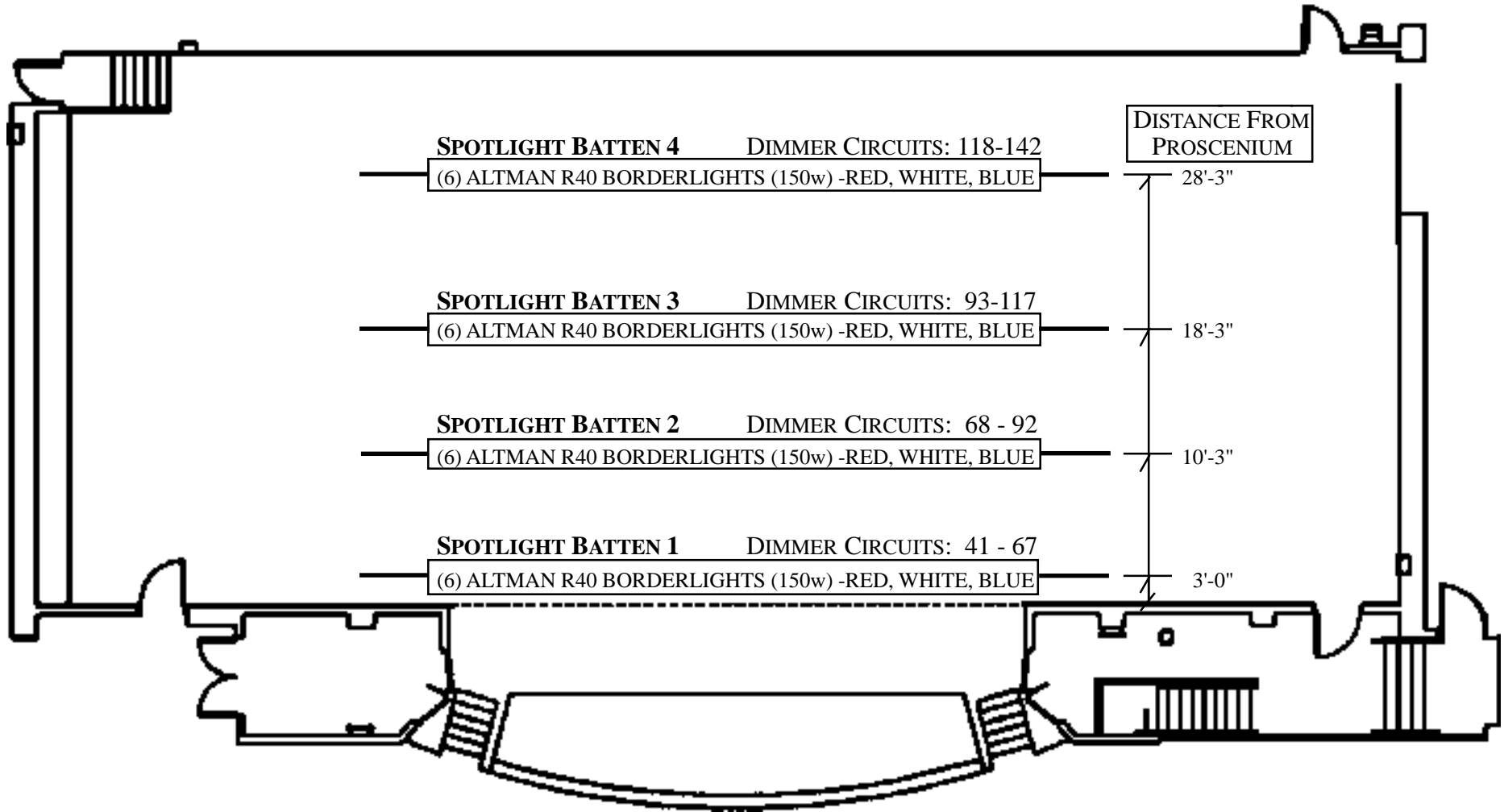


MAIN BEAM SPECS:

Width:	4 Feet
Length:	80 Feet
Height Above Stage Floor:	29 Feet
Distance to Stage Opening:	34 Feet
Batten:	1 1/4" Pipe, 1' Below Circuit Boxes
Circuit/Load (All):	120V, 2400W, 20A
Connector Type:	3-Pin



**STAGE LIGHTING: SPOTLIGHT BATTENS,  
BORDERLIGHTS ( W/ DIMMER CIRCUITS)**

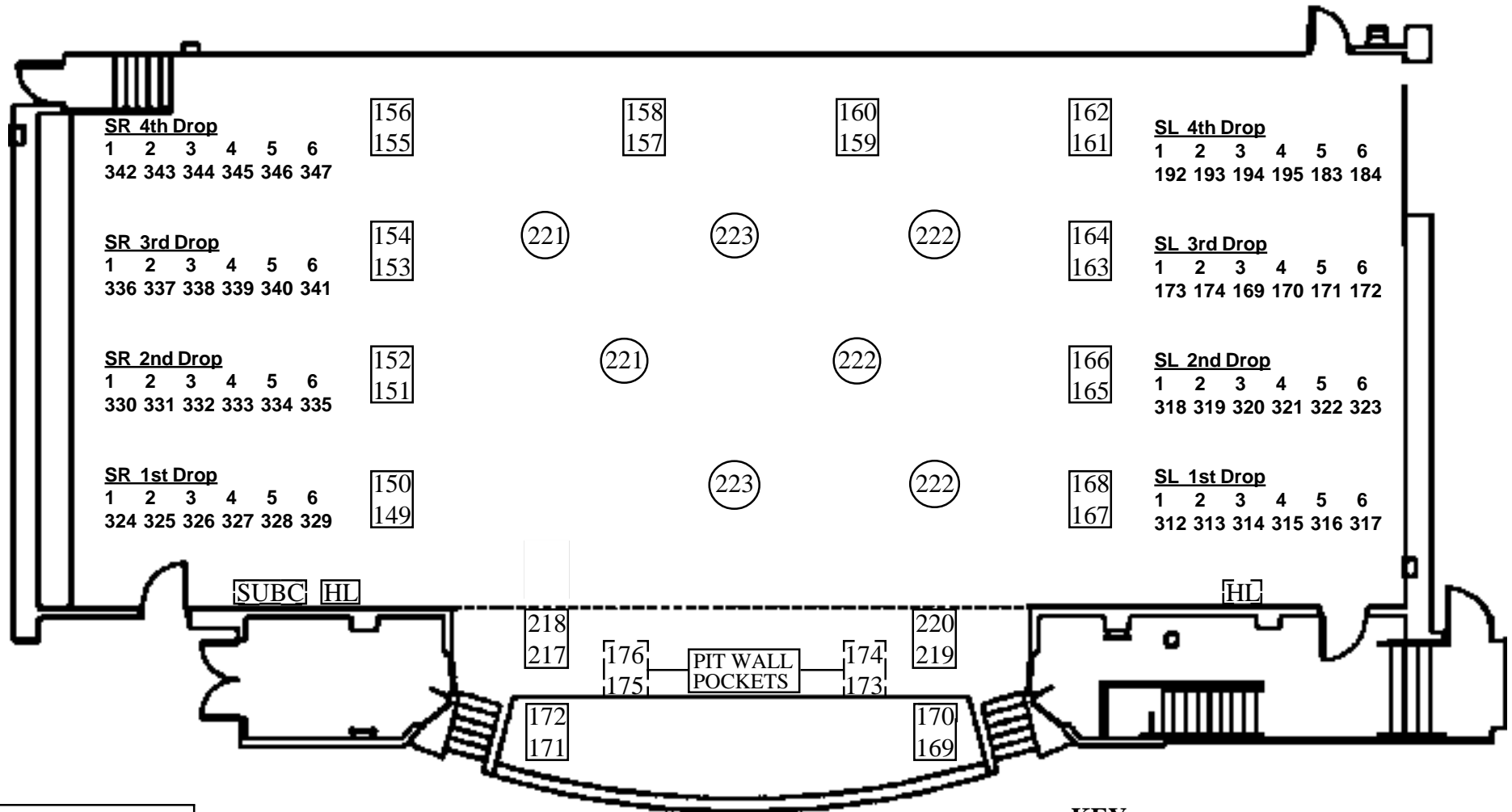


DRAWING # L2

**NOTE:**

- LOCATION OF SPOTLIGHT BATTEN IN RELATION TO PROSCENIUM NOT DRAWN TO SCALE
- ALL DIMMER CIRCUITS: 120V, 2400W, 20A

**STAGE LIGHTING: STAGE CONSOLE, HOUSE LIGHTS,  
WALL & FLOOR POCKETS, OVERHEAD ELECTRIC DROPS  
(w/ DIMMER CIRCUITS)**

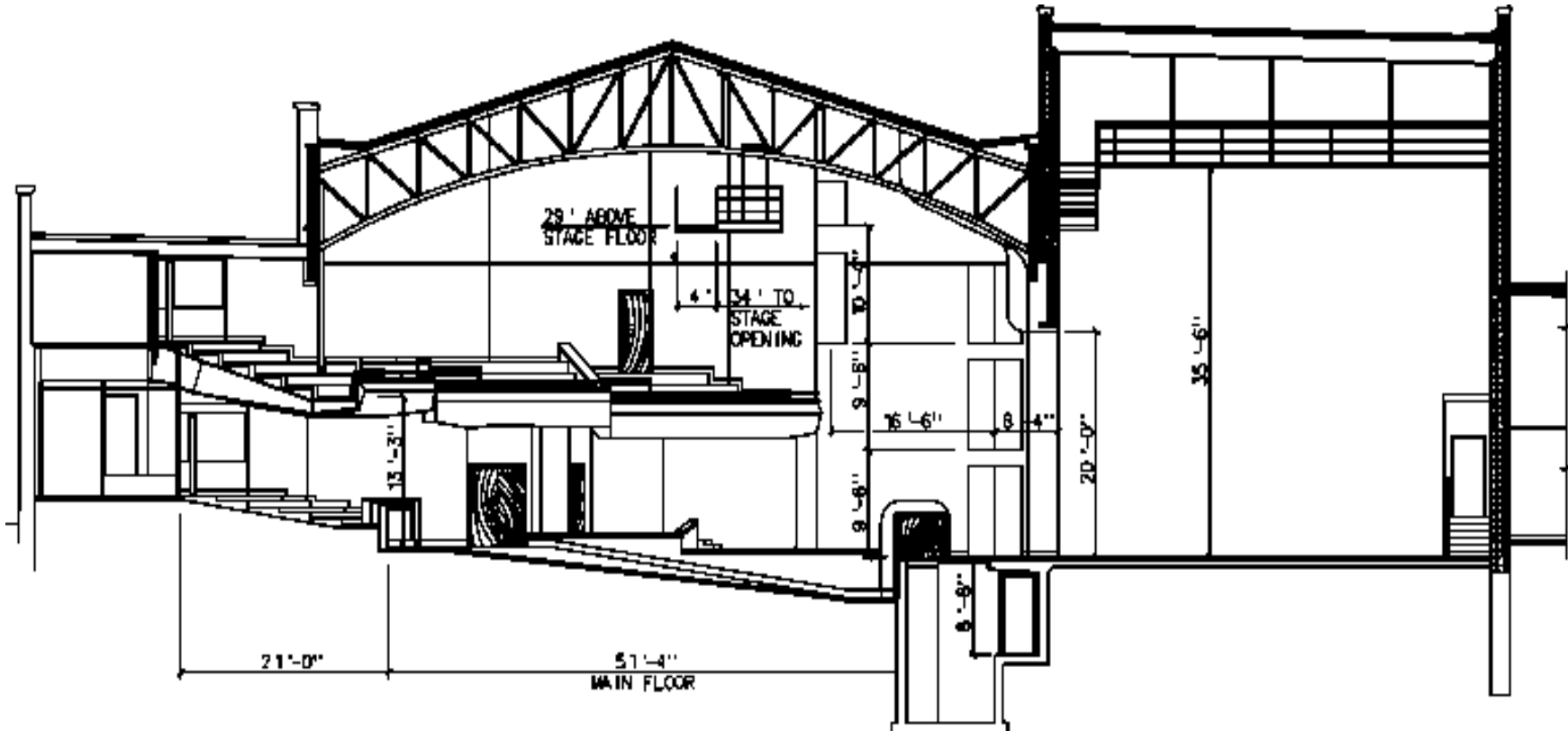


DRAWING # L3

**KEY**

- SUBC SubCommander Light Console
- HL House Lighting Control
- Dual, 3-Pin, Circuits: 2400w, 20A
- AC (Edison), 110v, 20A

**STAGE LIGHTING: COVE LOCATIONS**



STAGE-RIGHT COVE

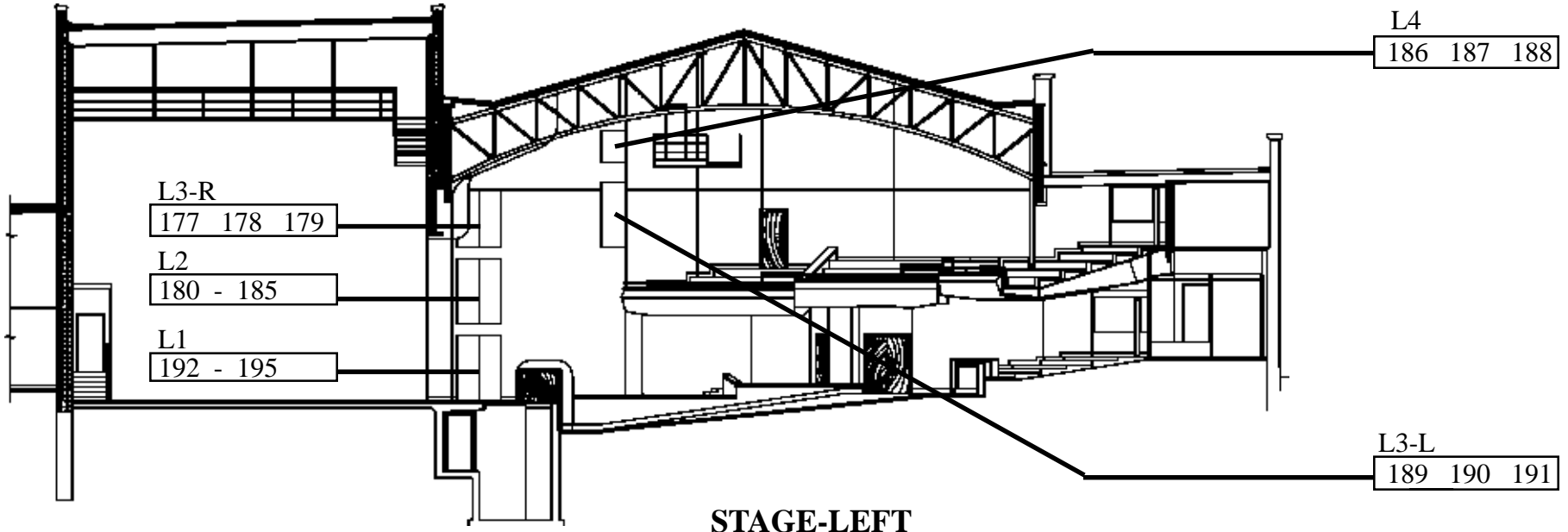


DRAWING # L4

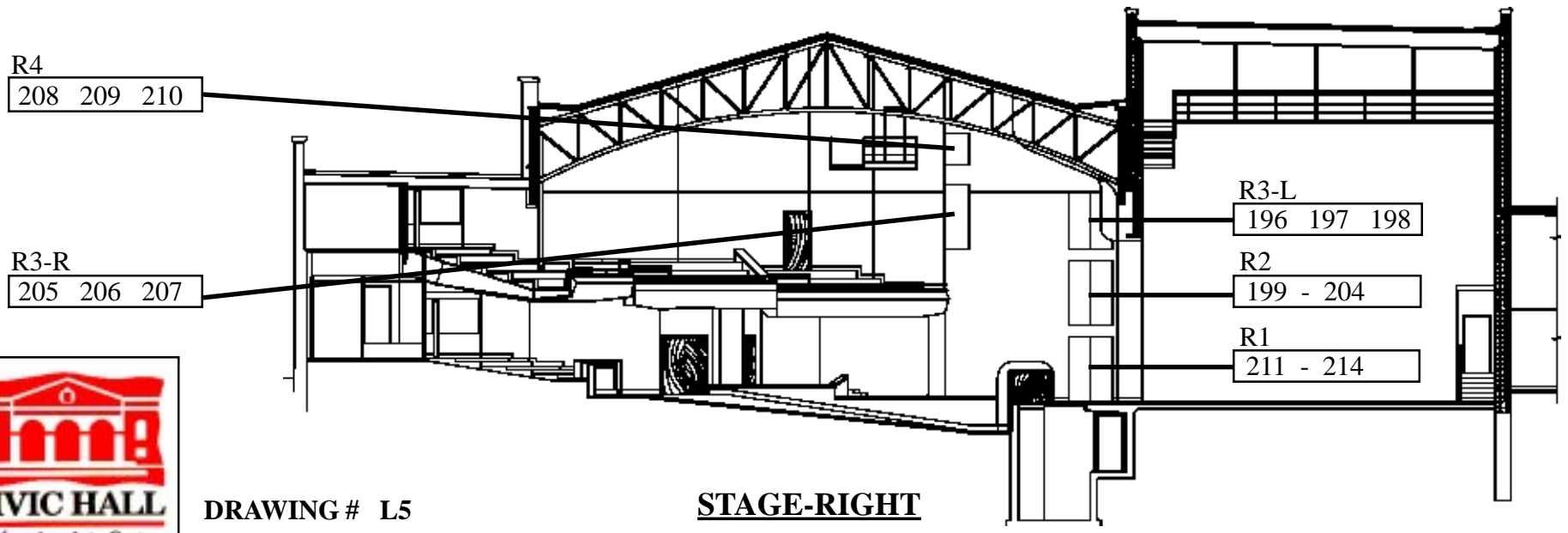
**NOTE:**

LEFT COVE IS A MIRROR IMAGE OF THE DRAWING SHOWN ABOVE

**STAGE LIGHTING: LEFT AND RIGHT COVES  
( W/ CIRCUIT ASSIGNMENTS )**



**STAGE-LEFT**



**STAGE-RIGHT**



# STAGE RIGGING



1 OF 2

## - BATTEN AND ARBOR INFORMATION -

Total Number of Battens: 39  
Batten / Arbor Capacity:  
6 Foot Arbor: 1025 Pounds  
7 Foot Arbor: 1230 Pounds  
10 Foot Arbor: 1845 Pounds

## - CURRENT BATTEN ASSIGNMENTS - (See Drawing: R1)

### - FLY RAIL -

Distance to Stage Opening: 30 Feet  
Operation: Manual / Purchase Line (None Motorized)

### - WEIGHT GALLERY -

Width: 4 Feet  
Length: 43 Feet  
Distance to Stage Floor: 36 Feet

### - HOUSE GOODS -

<u>Item:</u>	<u>Color:</u>	<u>Quantity:</u>	<u>Size:</u>
Valance	Burgundy	1	63'-0" x 12'-0"
Tormentors	Burgundy	1 pr.	6'-0" x 22'-0"
Main Curtain	Burgundy	1	(2) 32'-6" x 22'-0"
Legs	Black	9 pr.	8'-6" x 22'-0"
Legs	Black	1 pr.	8'-6" x 26'-0"
Teasers	Black	3	63'-0" x 10'-0"
Travelers	Black	2	(4) 32'-6" x 22'-0"
Sharkstooth Scrim	Black	1	63'-0" x 22'-0"
Cyclorama (Muslin)	White	1	63'-0" x 22'-0"

### - LIFT -

CHPAC does not own a lift at the present time. Given adequate prior notice a lift can be requested from the Richmond Community Schools Maintenance Department.

### - LADDERS -

( 1 ea. ) 3', 6', 8', 10' Step Ladder (Fiberglass)



**DRAWING # R1**

LINESET	DESCRIPTION	DISTANCE/ PROSCENIUM	ARBOR SIZE	BATTEN	CURTAIN SIZE	TRACK	OTHER
1	Valance/Tormentors	0'-9"	6'-0"	A	63'-0"x12'-0"		
2*	Main Curtain	1'-6"	7'-0"	A	2/32'-6"x22'-0"	2/32'-6"	C
3*	1st Electric	3'-0"	10'-0"	A/B			
4	Open	4'-9"	6'-0"	A			
5	Open	5'-3"	6'-0"	A			
6	Orch. Shell Ceiling #1	6'-3"	10'-0"	A/A			
7	Open	7'-0"	6'-0"	A			
8	Projection Screen	7'-6"	6'-0"	A			
9	2nd House Border	8'-0"	6'-0"	A	63'-0"x10'-0"		
10	2nd House Leg	8'-9"	6'-0"	A	4/8'-6"x22'-0"		C
11*	2nd Electric	10'-3"	10'-0"	A/B			
12	Open	11'-6"	6'-0"	A			
13	Open	12'-3"	6'-0"	A			
14*	Mid-Traveler	13'-0"	7'-0"	A	2/32'-6"x22'-0"	2/32'-6"	C
15	Scrim	13'-9"	6'-0"	A	63'-0"x22'-0"		
16	Orch. Shell Ceiling #2	14'-10"	10'-0"	A/A			
17	3rd House Border	16'-0"	6'-0"	A	63'-0"x10'-0"		
18	3rd House Leg	17'-0"	6'-0"	A	4/8'-6"x22'-0"		C
19*	3rd Electric	18'-3"	10'-0"	A/B	2/32'-6"x22'-0"		
20	Open	19'-3"	6'-0"	A			
21	Open	20'-3"	6'-0"	A			
22	Open	20'-9"	8'-0"	A			
23	Open	21'-6"	8'-0"	A			
24	Open	22'-0"	6'-0"	A			
25	Open	22'-6"	6'-0"	A			
26	Orch. Shell Ceiling #3	23'-6"	10'-0"	A/A			
27	4th House Border	25'-0"	6'-0"	A	63'-0"x10'-0"		
28	4th House Leg	25'-6"	6'-0"	A	4/8'-6"x22'-0"		C
29	Open	26'-0"	8'-0"	A			
30	Open	26'-6"	6'-0"	A			
31*	4th Electric	28'-3"	10'-0"	A/B			
32	Open	30'-0"	6'-0"	A			
33	Open	30'-9"	6'-0"	A			
34	Open	31'-6"	6'-0"	A			
35*	Upstage Traveler	32'-8"	7'-0"	A	2/32'-6"x22'-0"	2/32'-6"	C
36	Open	33'-3"	8'-0"	A			
37	Open	33'-9"	8'-0"	A			
38	Open	34'-3"	6'-0"	A			
39	Cyc	35'-3"	6'-0"	A/A	63'-0"x22'-0" Cyc Masking: 60'-0"x5'-0" (Border) 2/8'-6"x26'-0" (Leg)		E

**STAGE RIGGING:  
BATTEN ASSIGNMENTS  
AND SPEC INFORMATION**

**KEY:**

- A: One 63'-0" 1 1/2" Pipe Batten
- B: One 48'-0" 1/1/4" Pipe Batten
- C: 25 oz. Flame Resistant Memorable Velour
- D: 102" Black Sharktooth Scrim
- E: 102" White Muslin Cyclorama

**\* DENOTES PERMANENT HANG**

# SOUND PROCESSING



1 OF 4

- MIXING -

( 2 ) **Soundcraft** Venue V24:8:2 Console w/ Meter Bridge

Features: 8 (24) D213 Mono Input Modules

Equalization: 4-Band Semi-Parametric

6 Auxiliary Sends (2 Pre-Fader, 4 Post-Fader)

8 ( 4 ) D209 Dual Group/Stereo Return Modules

8 Group Inserts

8 ( 1 ) D207 Master Module

8 4 Mute Groups

- EFFECTS PROCESSING -

**Lexicon** "Alex" Digital Effects Processor

**Alesis** Microverb III Digital Reverb and Delay Processor

- COMPRESSION / LIMITING -

**DBX** 160XT

**Symetrix** 528E Voice Processor

- BOOTH MONITORING -

**Electro-Voice** 100EL Powered Speakers

- RECORDING / PLAYBACK -

**Otari** MX-5050BQIII (1/4") Multi-track (4) Tape Recorder

Features: - Pitch Control (+/- 20%)

- Programable Search/Cue, and Looping

- Remote Control

**Tascam** 122MKII Cassette Recorder/Player with Dolby HX Pro

**360 Systems** Instant Replay

- COMPACT DISC -

**Technics** SL-P1200

Features: - Auto, Random, and Programmed Playback

- Flywheel Search

- Pitch Control (+/- 8%)

- Auto Space and Cue

- Infrared Remote

# SOUND PROCESSING



2 OF 4

- STAGE / EFFECTS MONITORING - (See Drawing: SI, for Speaker Locations)

( 6 ) **Electro-Voice** FM-1502ER Portable Loudspeaker

- MICROPHONES - (See Drawing: SI, for Mic Tie-in Information)

**Crown:**( 4 ) PCC-160 Phase Coherent PZM

SASS-P Stereo PZM (House Record Mic)

**Shure:**(10) Beta-57; ( 8 ) Beta-58; ( 5 ) SM-91; ( 1 ) SM-17N

Wireless Systems:

Handheld:

( 2 ) **Telex** HT-100 Transmitter with **Electro-Voice** N/D757B Head

( 1 ) **Telex** HT-200 Transmitter with **Electro-Voice** N/D757B Head

Lavalier:

( 6 ) **Telex** WT-80 Transmitter with choice of:

( 6 ) **Telex** WLM-33 Micro-Mini Unidirectional mic; or

( 6 ) **Telex** WLM-50 Omnidirectional mic

Receiver:

( 6 ) **Telex** FMR-2

- EQUALIZATION -

HOUSE (Set and Locked):

**Electro-Voice** 2710 1/3-Octave Graphic EQ (40-16kHz)

EFFECTS / STAGE MONITORING:

( 5 ) **Rane** ME 30 1/3-Octave Graphic EQ (25-20kHz)

- AMPLIFICATION -

HIGH FREQUENCY:

**Electro-Voice** AP2600A Power Amplifier

LOW FREQUENCY:

**Electro-Voice** AP3200 Power Amplifier

SUBWOOFER:

**Electro-Voice** AP2600A Power Amplifier

# SOUND PROCESSING



3 OF 4

- CENTRAL CLUSTER LOUDSPEAKERS - (Location: Center-Proscenium Arch)

HIGH/LOW FREQUENCY:

( 3 ) **Electro-Voice** DML-1122A Deltamax Two-Way  
Full-Range Speaker

SUBWOOFER:

**Electro-Voice** TL3512 Very-Low-Frequency Speaker

- HOUSE MIX -

Location: Middle of Back Row, Main Floor Orchestra Seating

Capacity: Tandem Operation of Soundcraft Venue Boards

- Wired for 48-Inputs; 16-Outputs
- Intercom (Channels A and B)
- All Connections Accessible Through Floor Pockets

- PRODUCTION INTERCOM - (See Drawing: S1, for Stage Intercom Locations)

**Clear-Com:**

- ( 1 ) MS-400A 4-Channel Main Station
- ( 1 ) RM-400A 4-Channel Remote Station
- (10) **Beyer Dynamic** DT-108 Headsets (single muff)
- ( 2 ) **Beyer Dynamic** DT-109 Headsets (double muff)
- (10) Clearcom RS-501 Single Channel Belt Packs

- PUBLIC / BACKSTAGE PAGING & MONITORING -

**Rane** MA-6 Power Amplifier

Paging Locations: Stage Manager Position - Right Wing  
Stage Manager Position - Left Wing  
Directors Booth  
Light Booth

Monitoring: All Classrooms, Green Rooms, Dressing Rooms, Make-Up Room,  
Offices, Exterior Hallways, and Lobby

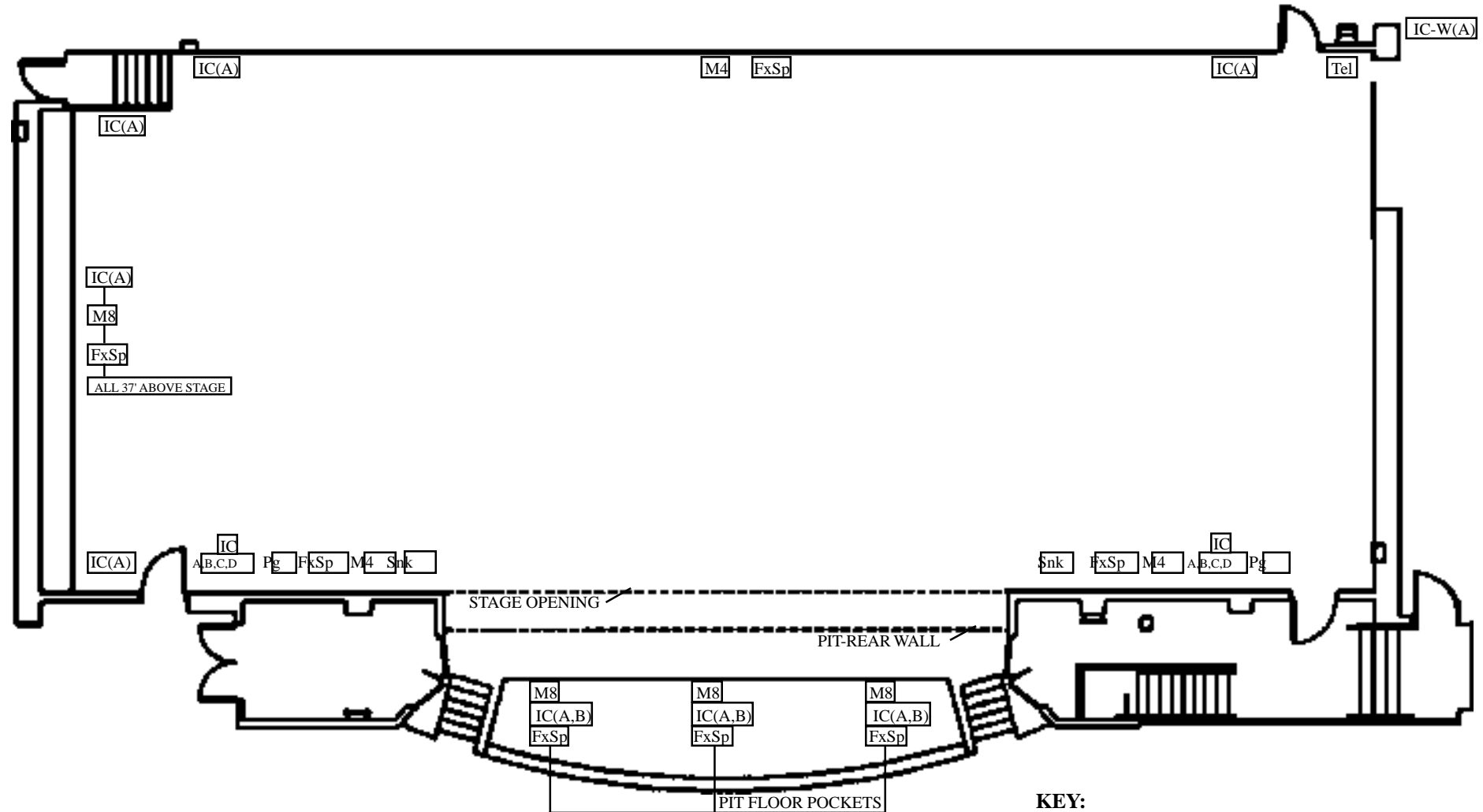
- LISTENING ASSISTANCE -

**Sennheiser** M7 Infrared Emitter  
(10) Headsets

- NOTE -

- All Sound Processing and Communications Equipment are wired to the same Isolated  
Power and Ground

MIC / INTERCOM / PAGING / EFFECTS SPEAKER / TELEPHONE CONNECTIONS



**KEY:**

M(#)	: Microphone, (# of Tie-Lines)
Snk	: Snake Tie-In
IC(letter)	: Intercom, (Channel)
IC-W(letter)	: Intercom-Sprk Station, (Channel)
FxSp	: Effects/Monitor Speaker Tie-In
Pg	: Paging Mic
Tel	: Telephone



DRAWING # S1