

THEATRE VANGUARD

SOUND SYSTEM
SPECIFICATIONS

SYSTEM DESCRIPTION

CONSOLE:

The console is generally a stereo system or mono if desired and is capable of 4 channel or quad reproduction through the quad tape inputs in the rear of console. 6 microphone inputs may be utilized at one time with complete mixing capability with 3 mic's in channel "A" and 3 mic's in channel "B". Mono mixing may be obtained by placing the (Norm - A+B) switch in the A+B position. Two line inputs are also available in the line input of each mixer. The top mixer is channel "A" and the bottom mixer, channel "B". During normal operation, 2 stereo tape players can be mixed in via the tape play 1 and the tape play 2 level controls on the mix panel. Phono or line inputs can be selected with the (Phono ~~Time~~ Switch) which appears on the mixer line input level controls.

Panning is available and can be used during stereo or mono operation. There is a left right pan and a front rear pan, this operation will move the sound front to rear, left to right or diagonally, if desired. The pan pots cannot be utilized during quad play operation.

Inputs to stereo tape recorders for recording are available. Tape 1 in the rack is connected normally. Tape 2 inputs and outputs are accessible on the rear of the console.

The top panel of the console has 4 switches and level controls which select the inputs to each of the 4 power amplifiers and the level control for the input level of each. The selector switch will select channel "A", channel "B", pan, or quad play to the input of each power amplifier.

RACK:

Located in the rack is a TEAC Model 1200 tape recorder which is system tape 1. On top of the rack is the AR turntable. 4 level controls are located on the lower panel for booth monitor speaker level which has no effect on the house level. An output patch bay is included which will allow patching of any amplifier output to any speaker line in the system. 2 Crown D-150 power amplifiers are located in the rack. The system power switch is located below the power amplifiers.

INTERCOM SYSTEM:

4 plugin's for headsets with boom microphones located at (1) stage apron, (2) in light booth, and (1) in stage managers booth. In addition, a microphone located behind the proscenium can be switched on by a switch in the stage manager's booth to pick-up what is happening on the stage in addition to normal communication on this system.

There is also a telephone system between the office and the stage manager's booth. A switch is located on the stage manager's phone to select a buzzer or light for indication of call.

GENERAL:

This system utilizes high quality amplifiers and speakers and will reproduce a sound level of better than 90 db full range in the theatre.

INPUTS:

- 6- Microphone
- 2- Line or stereo phono (switchable)
- 1- Quad tape play input
- 2- Stereo tape play

OUTPUTS:

- Stereo - A and B
- Mono - A + B
- Quad - (Utilizing quad play inputs in back of console)
- Tape 1 for recording
- Tape 2 for recording

AMPLIFIERS:

- 2 - Crown D-150 (4 channels @ 75 watts)

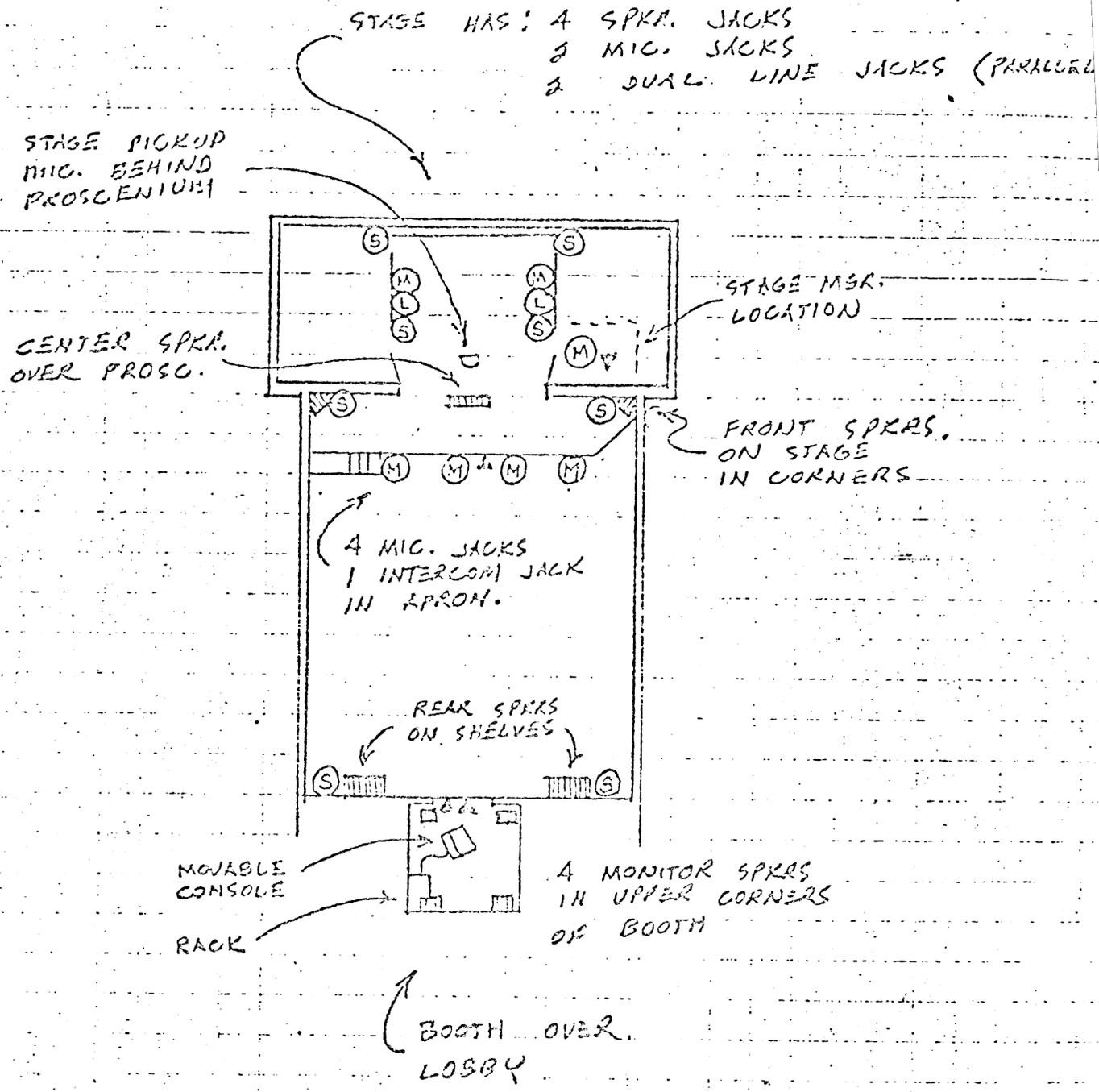
SPEAKERS:

- Stage left
- Stage right
- Proscenium (stage left and stage right combined)
- House rear left
- House rear right
- 4 Booth monitors

MISCELLANEOUS:

Additional speaker outlets are available on stage, as well as line inputs. Location of speakers, microphone inputs, line inputs and communications are on the drawing of the next page.

THEATRE VANGUARD



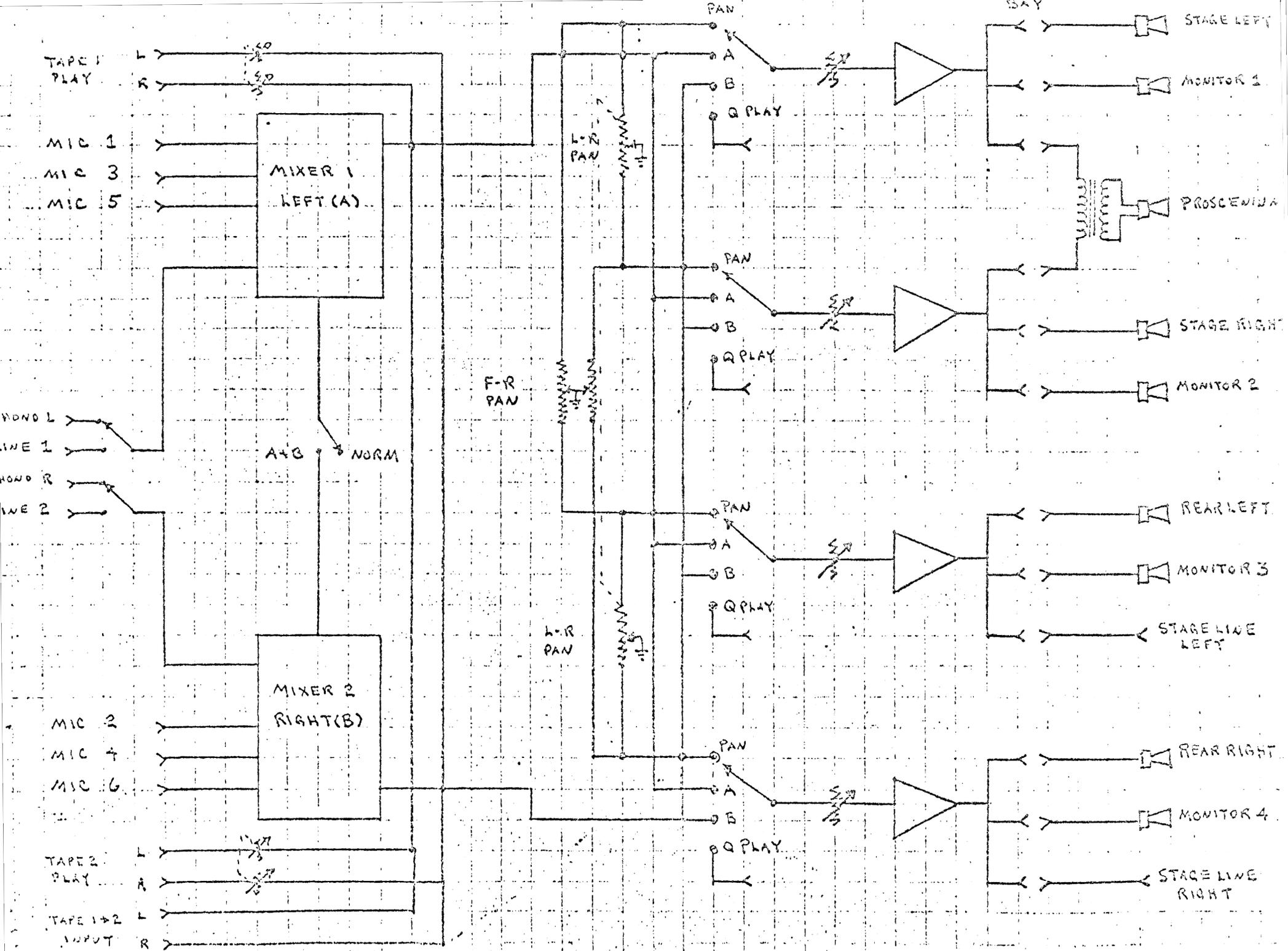
LEGEND

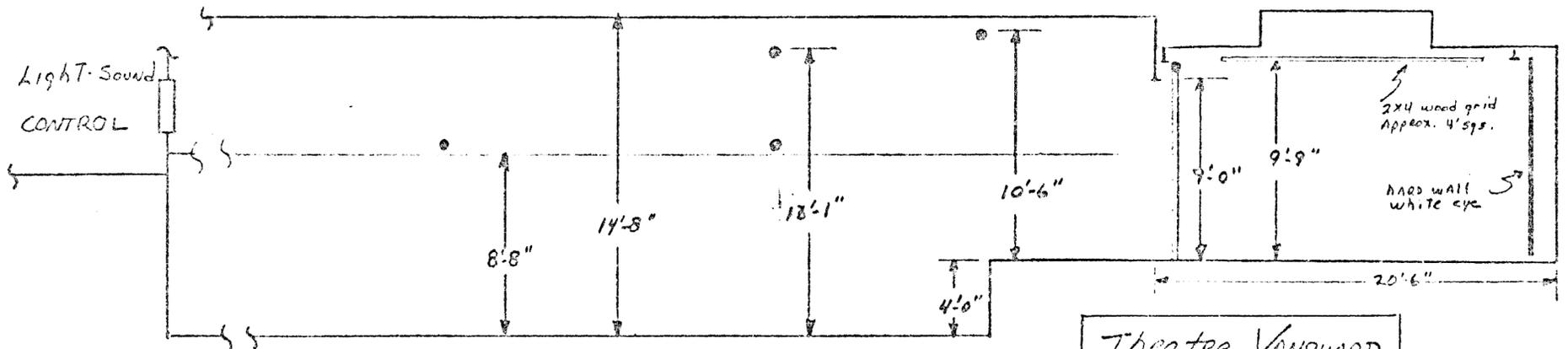
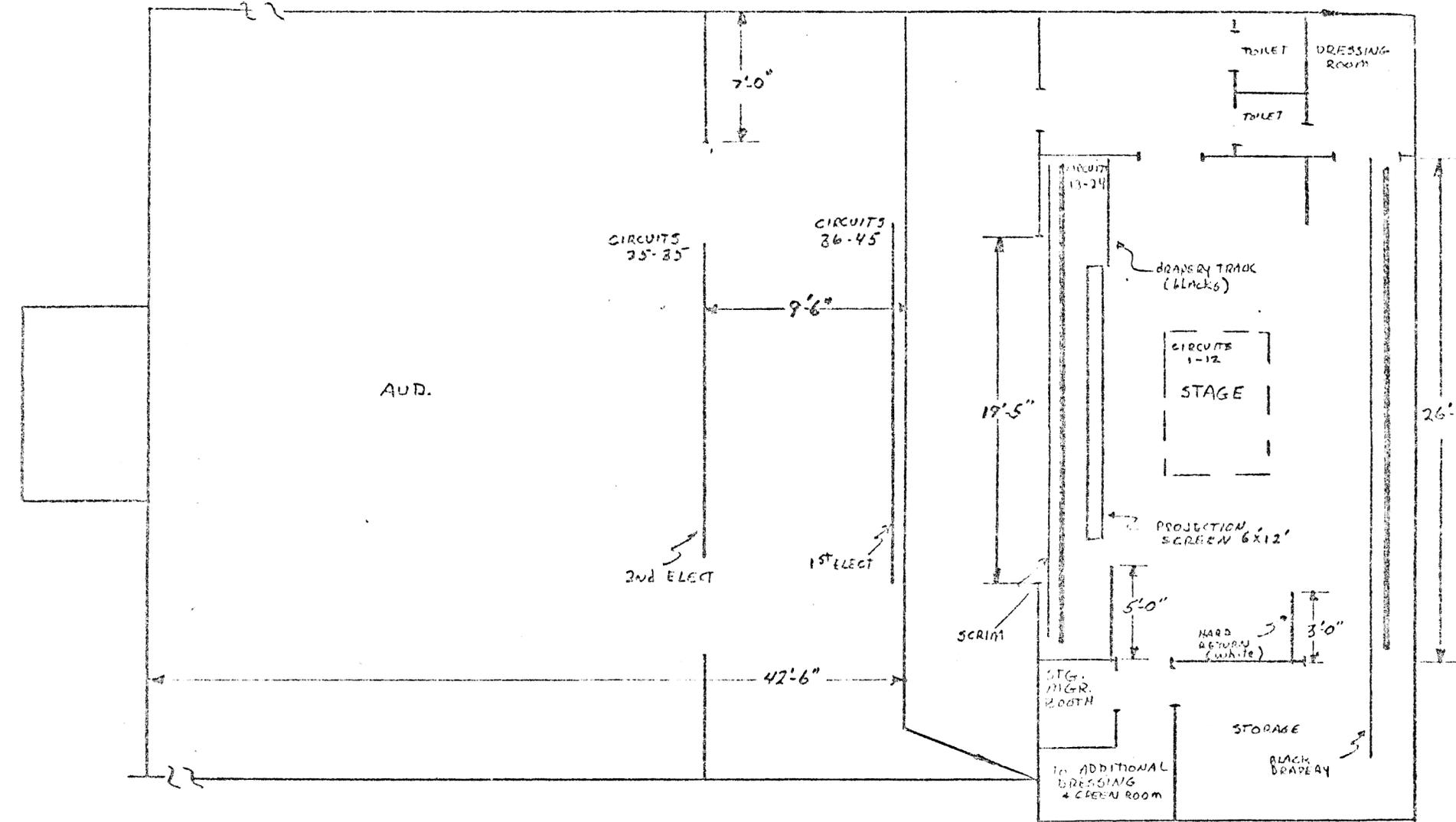
- Ⓜ CANNON MIC. OUTLET
- Ⓛ TWO PHONE JACKS - DUAL LINE OUTPUT
- Ⓢ DUAL 5-WAY BINDING POSIS - SPKR OUTPUT
- ∇ 4-TERM. CANNON INTERCOM OUTLET

GILKIN

EQUIPMENT LIST

- 1 - RACK
- 2 - Crown D-150 amplifiers (4 channels @ 75 watts)
- 1 - Patch Bay (Pwr. amp outputs and speaker lines)
- 1 - TEAC A-1200 1/4 track stereo recorder
- 1 - AR Turntable
- 1 - Shure phono pre-amplifier
- 4 - Volume controls for booth monitors.
- 1 - CONSOLE
- 2 - Shure M-67 mixers and custom mixing facilities.
- 4 - Output selector switches
- 4 - Output level controls (straight line type)
 - Tape 2 stereo in and out.
 - Quad tape play in.
 - Tape play 1 level control.
 - Tape play 2 level control.
 - Norm and A + B switch.
 - Phono and line switch.
- 4 - SPEAKER SYSTEMS with
 - 1 - JBL - 2220 A (15" low freq. spkr)
 - 1 - JBL - 2305 (H.F. horn & lens)
 - 1 - JBL - 2410 (H.F. Driver)
 - 1 - JBL - 3120 (Crossover network)
- 1 - PROSCENIUM SPEAKER with
 - 1 - JBL - 2120 (12" l.f. speaker)
 - 1 - JBL - 2305 (H.F. Horn & lens)
 - 1 - JBL - 2410 (H.F. Driver)
 - 1 - JBL - 3120 (Crossover network)
- 4 - BOOTH MONITOR SPEAKERS with
 - 1 - JBL - 2110 (Full range 8" spkrs)
- 4 - AKG - D-190 E Microphones
- 4 - Atlas microphone stands (MS-11C)
- 3 - TELEX OS-75 Headsets with boom microphones (noise cancelling)
- 1 - Sony condenser mic for proscenium pick-up.
- 2 - Bogen CH B - 10 A telephones.





JAMES LANDY MOODY / LIGHTING DESIGNER

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9014 Melrose Ave. Los Angeles, CA.

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JLM

PROJECTION EQUIPMENT

ONE (1) 16MM KODAK PAGEANT ARC PROJECTOR, MODIFIED TO 5000ft REEL
CAPACITY WITH A MARC/300 TUNGSTEN-HALOGEN LAMP AND A 2"
FOCAL-LENGTH LENS.

ONE (1) 9' X 12' DALITE SCREEN - MOTOR OPERATED

ONE (1) SET OF MOVIOLA REWINDS

ONE (1) KODAK PRESSTAPE UNIVERSAL SPLICER

THREE (3) 5000ft REELS

ONE (1) 1600ft REEL

DISTANCE FROM PROJECTOR TO SCREEN IS 50ft.