

**Brooks/Isham
Performing Arts Center
BIPAC Technical
Information**

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On the Web: <http://www.brooksisham.com>

Technical Specifications:

STAGE DIMENSIONS

- Proscenium 45' 3" x 24'
- Proscenium to up stage wall 29' 6" (from plaster line)
- Plaster line to up stage edge of thrust stage 10'
- Stage right wing 13' 4" x 29' 6"
- Stage left wing 22' 4" x 29' 6"
- Wing to wing 77' 8"
- Height of stage from the main floor in house 3' 0"
- Height from deck to in trim pipe 4' 0"
- Fly Information – see plan and section views
- Stage floor to grid: 54' 0"
- Locking Pin Rails stage left – Stage level
- Counter weight house, single purchase 21 pipes 8" centers
 - (1) Grand drape 26'0" x 31'0"
 - (1) Grand valence 6'0" x 50'0"
 - (3) leg sets 6' 6" x 29'0"
 - (1) Mid-stage traveler 26'0" x 30'0"
 - (1) Upstage traveler 27' x 30'
 - (3) Black Borders 50' x 8'
 - Additionally, (3) electrics 43' long,
 - Cyclorama (40' x 25') and Projection screen (36' x20')
- All pipes operated stage left only, stage level pin rail, single purchase
- Battens are either 43' or 60' long respectively (see plan view)
- Arbor capacity 1100 lbs each (see plan and section views)
- House has 80% of total capacity for all arbors

DRAPERIES

- Main Curtain – 26' x 31', 25 oz. black velour, bi-parting and flies
 - Legs 3 pair - 6'6" x 29', 25 oz black velour
 - Borders 3 each, 50'0" x 8'0", 25oz black velour
 - Natural cyclorama (flat), 40'0" x 25'0", Leno grey
- Fire Curtain, Natural color, 48'4" x 26'0"
PROJECTION SCREEN, vinyl DA-Lite screen white, 36'-0" x 20'-0", steel tube frame

LOADING DOCK / DOOR

- (1) dock, upstage, right
- South door - 12' wide x 16' high
- At pavement, levelers on each dock
- Door loads directly into Scenery Shop

ORCHESTRA PIT

- No pit or lift. First (3) rows of house seats removable
- Length 25'
- Width 11' - 6'
- Grand Piano model B Steinway #574077. Piano tuning arranged through the BIPAC Director

LIGHTING

- Stage electrics wired with grounded stage pin connectors.
- Light Board: Strand 520i
- Dimmers: Strand SV
- (2) Strand SB Racks
- (136) circuits
- (8) Non-dims
- Strand SWC House light System
- 1000 Channel WYSIWYG
- Wireless IPAC
- Wireless Network
- (4) DMX Control input stations (control booth, stage right, FOH Beam)
- Front of House (L1) Distribution Strip 21 ft., 30 ckt.
- Stage electric No. 1 Distribution strip, 43 ft. long and 23ckt.
- Stage electric No. 2 Distribution strip, 43 ft. long and 17 ckt.
- Stage electric No. 3 Distribution strip, 43 ft. long and 14 ckt.
- Floor Pocket (left and right and up center) w/ insert plate, 3 ckt., w/ pocket lid, 12 ckts
- Stage Drop Box (left and right and up center) w/ 3 ckts each, 12 ckts
- Dedicated Company Switch: N/A
- Dedicated Sound Power: N/A

GREEN ROOM

Backstage

LIGHTNING INSTRUMENTS

- (12) 6" Strand Fresnels (w/ 8-leaf barn doors), 1kW lamp BTR
- (21) 23° - 50° Strand Zoom Ellipsoidals w/ 575W lamp GLC
- (10) 19° Strand Ellipsoidals w/ 575W lamp GLC
- (6) 26° Strand Ellipsoidals w/ 575W lamp GLC
- (10) 19° ETC Source Four w/575W Lamp HPL
- (10) 26° ETC Source Four w/575W Lamp HPL
- (20) 36° ETC Source Four w/575W Lamp HPL
- (4) 3-Cell Strand (Iris) Cyclorama Light w/ 1000W Lamp FFT

Instrument Totals

- (12) 6" Fresnels
- (20) 19° Ellipsoidals
- (16) 26° Ellipsoidals
- (20) 36° Ellipsoidals
- (21) 23°-50° Ellipsoidals
- (4) 3-Cell Strand (Iris) Cyclorama Lights

(93) Combined Totals

(8) Altman QLite Quartz Work Light w/ 500W lamp FCL installed on 1 & 2 electrics
See Repertory Light Plot and paperwork for set up, hook up, and control.

• For design purposes, assume 5% of every type are not usable. Do not design using all instruments.

FOLLOW SPOTS

(1) Lycian Super arc 400 #1267 – (HTI 400W/24 or long life HTI 403W/24 OSRAM)
located in projection booth at rear of theater house R, 20' above stage - 80' throw
to proscenium.

INTELLIGENT LIGHT

(1) ROBE Color Spot 250AT, lamp is MSD 250/2 GY-9,5, located at center of FOH
Beam position.

GEL / GOBO

House supply limited. If gel or gobos are required, sufficient notice (4 weeks) must be
given for the house to obtain them at the user's expense or the user must supply them.

ELECTRICS

- (4) 3 circuit (grid) drop boxes, 2 S.R., 2 S.R.
- (4) 3 circuit floor pockets SR, RC, SL, LC

HANG POSITIONS:

FRONT OF HOUSE BEAM
STAGE RIGHT BOX BOOM
STAGE LEFT BOX BOOM
ON STAGE HANG POSITIONS:
1ST, 2ND, 3RD ELECTRICS

SOUND REINFORCEMENT AUDIO SPECIFICATIONS

Front of House:

- (1) – Allen and Heath GL 2400 24 channel console
- (3) – Rane ME-15B Dual 15band Equalizers
- (1) – Denon DRM-555P Cassette Deck
- (1) – Denon DN-C550R CD Recorder

Microphones:

- (4) – Audio Technica ATM-41HE Vocal Mics
- (4) – Audio Technica ATM-29HE Instrument Mics
- (7) – Audio Technica Pro45 Hanging Mics
- (1) – Audio Technica AT835ST Stereo Mic
- (4) – Audio Technica ATW-3110D Wireless w/MT830cW Lapel Mic
- (2) – Crown PCC 160 Supercardioid Condenser Boundary Mic
- (2) – Crown PZM 30D Condenser Boundary Mic

Left, Right, Center Mains (flown)

- (3) – EAW MK-5164e (running passive with one channel of a QSC CX702 amp each)

Left, Center, Right down Fills (flown)

- (3) – EAW MK-2164e (running passive with one channel of a QSC CX702 amp each)

Left, Center, Right Delays (flown in clouds)

- (3) – EAW MK-2164e (running passive with one channel of a QSC CX702 amp each)

Subwoofers

- (2) – EAW SB-250 (flown in center cluster with two channels of a QSC CX702 amp each)

Speaker Processor

- (1) – BiAmp Audia Solo 4X12

Monitors

- (4) – EAW SM129z
- (2) – QSC CX702 Amps

Interconnect

- (3) – 8 Input Wall Panels
- (2) – 8 channel Sub Snakes

Communication System

Two-channel Clear Com headset system with permanent receptacles in all possible production sites throughout the theater.

Sound Mix Position

- **Position A** - Sound Booth-Orchestra Level 2, Back of House Center - snake run, approximately 150' from proscenium line. Sound Booth is not isolated from house.
- Entire front of booth opens to house. House system is located in Sound Booth.
- **Position B** - Back of House Right - snake run, approximately 200' from proscenium line.

NOTE:CAST CALL OPERATES ONLY FROM STAGE LEFT at headset base station.

DRESSING ROOMS

- Dressing rooms have lighted mirrors, Make-up room had lighted mirrors
- Separate available areas have lockers, clothes racks, toilets, but there are **no shower facilities**
- Dressing room is accessible stage left and or stage right.

PRODUCTION OFFICE

Please inquire through either Director or Technical Director

PROJECTION

NEC GT5000 6000 LUMENS VIDEO PROJECTOR

VGA connection to EXTRON MLC 206 AAP switcher can connect to:

- LAP TOP COMPUTER,
- VIDEO CAMERA
- VHS,
- DVD,
- DIRECT TV,
- IMAGE MUTE OPTION,
- STEREO AUDIO OUTPUT to stage and monitors, and house

CIRCUIT MAP BIPAC

LOCATION NUMBER QUANTITY

FOH BEAM 1-30 30

SR BOX 31-35 5

SL BOX 36-40 5

40 circuits

1ST ELECTRIC 41-64 23

2ND ELECTRIC 65-82 17

3RD ELECTRIC 83-97 14

54 circuits

GRID DROP BOXES

DR 98-100 3

UR 101-103 3

DL 104-106 3

UL 107-109 3

12 circuits

FLOOR POCKETS

R 110-112 3

L 113-115 3

RC 116-118 3

LC 119-121 3

12 circuits

TOTAL STAGE CIRCUITS 118 CIRCUITS

HOUSE LIGHT CIRCUITS

PROSCENIUM 129

LOWER HOUSE 122,124,128

UPPER HOUSE 123,125,127,130

SET AND DRAPERY SCHEDULE

LINE SET DESCRIPTION DISTANCE FROM PROSCENIUM

- 0 FIRE CURTAIN 0'3"
- 1 GRAND VALENCE 1'2"
- 2 GRAND DRAPE 1'8"
- 3 OPEN BATTEN/CHORAL MICS 2'6"
- 4 1ST ELECTRIC 3'2"
- 5 #1 LEGS 5'3"
- 6 #1 BORDER 7'10"
- 7 2ND ELECTRIC 9'2"
- 8 #2 LEGS 10'6"
- 9 OPEN BATTEN/CHORAL MICS 11'10"
- 10 MOVIE SHEET 12'6"
- 11 #2 BORDER ` 13'10"
- 12 MIDSTAGE TRAVELER 14'6"
- 13 3RD ELECTRIC 15'10"
- 14 OPEN BATTEN 17'2"
- 15 #3 LEGS 18'6"
- 16 OPEN BATTEN 19'10"
- 17 OPEN BATTEN 20'6"
- 18 #3 BORDER 21'10"
- 19 UPSTAGE TRAVELER 22'6"
- 20 OPEN BATTEN 23'2'
- 21 CYCLORAMA 23'10"

▣ **NOTE:** LINE SETS 3 AND 10 ARE CORRECT AS DESCRIBED HERE, THEY ARE DIFFERENT ON THE PLAN AND SECTION VIEWS

SEE ADDENDUM

PLAN VIEW OF STAGE (ALL LINE SETS)

SECTION VIEW OF STAGE

GROUND PLAN WITH DIMENSIONS

CLEAN GROUND PLAN

BUILDING SECTION

FIRST FLOOR PLAN

LOCAL AMENITIES

HOTELS IN FARMINGTON:

Marriot Courtyard Restaurant and Lounge

560 Scott Ave. Indoor Pool and Hot Tub
Farmington, NM 87401 High Speed Internet access
(505)325-5111 Fitness Center

Best Western Inn & Suites Restaurant and Lounge

700 Scott Ave Indoor Pool and Hot Tub
Farmington, NM 87401 High Speed Internet access
(505)327-5221 Fitness Center with Sauna

Holiday Inn Express Complimentary Continental Breakfast

2110 Bloomfield Blvd. Indoor Pool and Hot Tub
Farmington, NM 87401 Free Wireless
(505) 325-2545

LOCAL RESTAURANTS IN KIRTLAND

Country Family Restaurant Family Style Dining, Sandwiches, Burgers, Mexican Food

4205 US Hwy. 64 Open Breakfast, Lunch, Dinner 5am – 9pm
Kirtland, NM
(505) 598-5074

FAST FOOD

Kentucky Fried Chicken

4198 US Hwy. 64
Kirtland, NM
(505) 598-1228

Burritos Y Mas

4284 US Hwy 64
Kirtland, NM
(505) 598-0240

Domino's Pizza

4208 US Hwy 64
Kirtland, NM
(505) 598-5121

Subway

4226 US Hwy 64
Kirtland, NM
(505) 598-0096

Teriyaki Chicken Combo

4206 US Hwy 64
Kirtland, NM
(505) 598-0065

DRY CLEANERS

WhiteWay Cleaners
4206 US Hwy 64
Kirtland, NM
(505)598-0009

HOSPITAL AND URGENT CARE

San Juan Regional Medical Center

801 W Maple
Farmington, NM 87401
Main: (505) 325-5011
Urgent Care Center: (505) 326-0453

Reliance Medical Care/Urgent Care

3451 Butler
Farmington, NM 87401
(505) 566-1915
URGENT: (505)324-1255

DRUG STORES

Walgreen's

701 E 20th St.
Farmington, NM 87401
(505) 326-3340
Prescriptions: (505) 326-3342

GROCERY STORES

Smiths Food and Drug

20th and Butler
Farmington, NM 87401
(505) 327-7326
Pharmacy (505) 325-1774

Safeway

3540 E Main St
Farmington, NM 87402
(505) 327-3349
Pharmacy: (505) 564-2823

COSTUME AND PROP RENTAL

TEA (Theater Ensemble Arts)
(505) 327-0076

OXYGEN RENTAL

A Med Supply
304 S. Lake Ste. B
Farmington, NM 87401

(505) 326-3705

OFFICE SUPPLIES

Parker's Office Supplies

714 C Main St.

Farmington, NM 87401

(505) 325-8852