

**NASH THEATRE  
TECHNICAL SPECIFICATIONS  
UPDATED 7/19/22**

A. Stage Dimensions:

1. Size of proscenium (the proscenium is adjustable)
  - a. 46'-0" open position
  - b. 38'-0" closed position
  - c. 21'-10" deck to proscenium bottom
2. 40'-0" plaster line to back wall
3. 16'-0"x40'-0" stage Right wing
4. 14'-0"x40'-0" stage Left wing
5. 52'-0" deck to grid

B. Rigging

1. 30 line set single purchase counterweight system (running rail is 25'-0" above deck)
2. Battens are 55'-0" long (See attached sheet for distances and permanent assignments)

C. Loading Dock

1. The loading dock is covered, has direct access to the stage and will accommodate one semi-tractor trailer.
2. 13'-10"x12'-0" height and width of garage door
3. Dock and stage are 3'-6" above loading bay floor
4. 9'-6"x8'-0" height and width of stage door

D. Orchestra Pit

1. 8'-0" deep 12'-0" wide (at its widest point) 31'-0" long
2. The pit is covered with a removable top supported by scaffolding. It is not hydraulic.

E. Drapes

1. Grand Teaser and Drape are red in color. Grand will guillotine and travel
2. 4 black borders 6'-0"x55'-0" (Saluda velour)
3. 4 pair of legs 24'-0"x14'-0"
4. 2 travelers 24'-0" x 56'-0" (fixed positions)
5. 1 black scrim 18'-0" x 55'-0"
6. 1 cyclorama 28'-0"x55'-0" white

F. Lighting System

1. Ion by ETC
2. Dimmers: Strand CD-80
  - a. 217@2.4k
  - b. 17@6k234 Total

G. Instrument Inventory

H. Available for Overhead use

1. 4 5° Source 4s
2. 12 10° Source 4s
3. 42 26° Source 4s
4. 55 36° Source 4s
5. 6 50° Source 4s
6. 48 Source 4 Par
7. 26 8" strand Century Fresnels
8. 10 8" Altman Fresnels
9. 16 Par 64 Wides
10. 8 8 T-3 Cyc lights permanently fixed on pipe 25

I. Lighting Positions

1. 1st cove 50'-0" to proscenium 27 circuits. House plot-27 19°Source fours
2. 2nd cove 61'-0" to proscenium 15 circuits. House plot-15 19°Source fours

3. Box Booms (Please note; this position is virtually unusable)
  - a. 1st 26'-0" to center stage 3 circuits
  - b. 2nd 46'-0" to center stage 9 circuits
4. Balcony front 55'-0" to proscenium 18 circuits
5. Follow spot booth 96'-0" to proscenium. 2 Satellite II follow spots
6. On stage electrics:
  - a. 1st electric pipe #4 has a 30 circuit raceway
  - b. 2-5 electrics can be positioned as desired and are powered by drop boxes

J. Sound System (Note: The house sound system is MONO)

1. Yamaha QL5 console
2. Mono Center cluster made up of EAW 2KF-650e 3KF-300e 1SB-600e all driven by Crown (3) K1 and (2) K2 amps
3. 7 EAW UB-12 under Balcony speakers Driven by 2 QSC cx-254 amps
4. 4 EAW JF-80 Balcony Speakers Driven by 2 Crown K1 amps
5. 2 Tannoy V8 Side House Fills
6. 2 SLS 218EL Sub Cabinets
7. Monitors are 4 EAW SM-200iH speakers Driven by 2 Crown K2 amps with 2
8. 10 Shure SM-57 microphones
9. 10 Shure SM-58 microphones
10. 2 PZM 457 microphones
11. 2 PCC-160 floor microphones
12. 2 RE20 microphones
13. 2 421 microphones
14. 8 Shure wireless microphones hand-held or lavalier
15. 10 microphone stands 6 with booms

K. Headset System

1. Clearcom Intercom/Headset system with outlets in:
2. Light booth
3. Sound booth
4. Proscenium wall left and right
5. Fly rail
6. 1st cove (center)
7. Upstage wall right and left
8. Follow spot booth
9. Orchestra pit
10. Rear of house left, right and center
11. Center of stage left and right wall

L. Ladders

1. 1 hydraulic battery powered lift
2. 1 14'-0" A-frame ladder
3. 2 10'-0" step ladder
4. 1 6'-0" step ladder

M. Additional/Miscellaneous Equipment

1. 8 16'-0" lighting booms
2. 1 dock plate
3. 50 music stands
4. 25 music stand lights
5. 170 padded armless chairs
6. 1 Baldwin upright piano
7. 1 Steinway "B" baby grand piano
8. 32 Wenger platforms Leg Heights are 8", 16", and 24"

N. Power Disconnect Boxes;

1. On stage box (up stage right) 3 phase 400 amp per leg
2. Loading dock (shore line tie in); 2 legs at 50 amps per leg

O. Costume Shop

1. 1 level below stage **no elevator**

2. washer and dryer
3. 3 sewing machines various makes
4. 2 Black and Decker steam irons
5. 2 ironing boards
6. 2 Jiffy 5 quart steamers
7. 2-3 portable costume racks

P. Dressing Rooms

1. Dressing rooms are located one level below stage right. They are accessible from stage right and from the outside hallway. Stage left can be reached from a trap room crossover or on stage crossover.
2. Private dressing rooms ( 2 ); 11'-0" x 12'-0" carpeted, can accommodate 4-6 people, hot and cold water, lighted makeup mirrors, Clearcom Intercom
3. Company Dressing Rooms(2); Seat 15-20 people, stationary costume racks, lighted makeup mirrors, hot and cold water, toilets, showers, full length mirrors, Clearcom Intercom
4. Green Room tables, easy chairs, tea and coffee pots
  - a. (Squawk boxes in all dressing rooms, costume shop, green room and trap room).

Q. House

1. 1000 seats orchestra 700 mezzanine and balcony 300
2. 4 aisles
3. stairs from stage far house right and left
4. light and sound booth rear center orchestra