THE ARATANI THEATRE
TECHNICAL SPECIFICATIONS

STAGE DIMENSIONS
Proscenium Arch 48’ w x 22.5’ h
Stage Depth (from plaster line to back wall) 36.5’
Apron Depth (from plaster line to stage front) 5’

Curved Orchestra Pit (with hydraulic lift):
   at widest point 47’
   at stage 41’
   depth at center 10.5’
   depth at sides 4.5’

Centerline to pinrail stage right
   at plaster line 34.5’
   at 30’ upstage of plaster line 14’

Centerline to wall stage left
   at plaster line 43’
   at 30’ upstage of plaster line 18.5’

Side thrusts: Please refer to masking plan

Stage floor: 2 layers of 1” plywood on rubber springs surfaced with 1/8” untempered masonite, flat black finish

Stage floor to grid 50.5’
Out trim of pipes 47.5’

Distance from spot booth to plaster line 76’
Distance from balcony rail to plaster line 51’
Distance from projection booth to movie screen 83.5’
Distance from balcony rail to movie screen 55’

LOADING ACCESS
Enter on San Pedro Street between 2nd and 3rd Streets
NOTE: No loading dock; access is at street level. Limited parking allowed behind the Theatre. Parking available at public lots.

Loading doors:
   Loading area to shop 16’w x 15’ h
   Shop to stage 16’w x 16.5’ h
RIGGING
Note: All pipes are manually operated single counterweight lines.
29 - Line Sets (10 empty lines) 1.5’ pipe
Pipes taper from 60’ downstage to 15’ upstage
3 - hardwire electrical raceways
1 - adjustable black velour framed portal and header
3 - sets 24’ h x 12’ w black velour flat legs
1 - set 24’ h x 12’ w black velour side masking
3 - black velour flat panels (borders): 10’ h x 60’ w; 10’ h x 36’ w; 10’ h x 24’ w
1 - 24’ h x 30’ w black velour flat panel (upstage black)
1 - 28’ h x 68’ w white filled scrim (wraparound cyc)
1 - 24’ h x 60’ w black velour (wraparound black)
1 - 18’ h x 43’ w movie screen with masking
1 - Traditional Japanese Doncho
1 - Traditional Western Main Drape: red velour 100% fullness

DRESSING ROOMS
1 - Green Room/Performers’ Lounge - upstage left with sink and restroom
2 - “Principal” Dressing Rooms - stage left by Green Room with 2 mirrors with makeup lights, 1 basin, toilet and shower in each
4 - “Chorus” Dressing Rooms - Basement level with 13 mirrors with makeup lights in each; 6 showers and toilet facilities for men and women

STAGE PROPERTIES
20’ x 35’ Workshop/Loading area
1 - Lectern
Kawai 9’ Concert Grand Piano / GS-100 Soundboard
1 – Taiko Drum (Odaiko Size w/ Tall Stand)
30 - Music Stands with cliplights
30 - Black Orchestra Chairs
12 - 4’ x 8’ Band Risers at 8”, 16”, 24” heights
6 - Choral Risers
Rosco Dance Floor: Black/Grey
Shosabutai each 3’ x 12’ x 5”h (Japanese wooden dance floor)
Joshikimaku (Kabuki Style Japanese Traveler Curtain)

SETS & DROPS
Matsubame - 40.5’ w x 29’h
Fujimusume
Mount Fuji drop
Town drop
Himosen
Yamadai
Goza
**LIGHTING**

**Control**
ETC ION Lighting Control Console (Software Version 2.6.4)
2 - 2 x 10 Fader Wing Units – 40 Total Programmable Faders
76 - Strand Century CD 80 Dimmer Units 2.4K each (2 dimmer per Unit)
14 – Johnson Systems Non-DIM Power Modules (outfitted for CD-80 Rack)
8 - Strand Century CD 80 Dimmers 6.0K each
   NOTE: 6.0K circuits have limited access, used primarily for cyclorama fixtures.

**House Plot (Installed Fixtures)**

*ETC / Martin*
28 - ETC Source 4 Ellipsoidal 750W
45 - ETC Source 4 Ellipsoidal LED Series 2 LUSTR
19 - ETC D60 LUSTR+ LED Wide PAR
10 - Martin MAC Quantum Profile LED Moving Beam Fixtures

*Altman / Conventional*
6 - 6 x 12 single lens ellipsoidal spotlight (15 degrees) 1000 watts Gel size: 7.5” x 7.5”
18 - 6 x 16 ellipsoidal spotlight (23 degrees) 1000 watts Gel size: 7.5” x 7.5”
26 - PAR 64 spotlights (wide) 1000 watts Gel size: 10” x 10”
5 - Ianiro 4 color Far Cyc Units 1500 watts Gel size: 12” x 16”
2 – USHIO Takumi 2000A 1750 Watt FollowSpot

*Supplemental Side / Floor Light Fixtures*
21 - 6 x 9 Axial Altman ellipsoidal (750 watts)
26 - 6 x 12 Axial Altman ellipsoidal (750 watts),
6 PAR64W
5 PAR32
1 - ETC D60 LUSTR+ LED Wide PAR
2 – Martin MAC Quantum Profile LED Moving Beam Fixtures

*Supplemental Lenses*
4 – 36 Degree Lens ETC Source 4 Fixtures
8 – 26 Degree Lens ETC Source 4 Fixtures
1 – 16 x 9 Degree Lens Altman Ellipsoidal Fixture

**See full Lighting Plot for more details.**

**NOTE:** HOUSE AND EQUIPMENT HAVE 20 AMP NEMA TWISTLOCK CONNECTORS.

Accessories: twistlock cable, threelfers, sidearms, tophats, 10’ pipes and bases, color frames, pattern holders.

400 amp 3 phase “company switch” located stage left (120/208 volt, 4 wire)
60 amp 120/208 volt “TV” switch located outside loading area
15 amp 208 volt outlet located either side of balcony walls
30 amp 125 volt 3 pin outlet located in booth
N.B. There is no access to 120/240 single phase in the Theatre and no 220 in the Theatre.

**VIDEO/ CINEMA EQUIPMENT**
1 – NEC2000C D-Cinema HD Projector (18,500 lumens)
2 – NEC PA803U Short Throw Projectors
1 – Sony BluRay / DVD Player
1 - Digital Cinema Server and Processor able to load KDM Files for Cinema
1 - Doremi 5.1 DTS Audio Processor (Theatre runs cinema audio – L,C,R, Sub)
1 – Stuart Screen Perforated Movie Screen w/ moveable masking (45' x 20’)

**AUDIO**
The audio control booth is located above the balcony right with a sliding window whose total dimensions are 11’ x 3’4”. The maximum open dimension is 5’6” x 3’4”. Monitors are mixed from FOH. Audio routing available to House Left + Right Videographer Positions. Dante Patch position available through Wall Socket at Back of House Right (Output Only).

**Mixing Console**
Yamaha QL5 32 Channel Digital Mixer

**House PA**
Bose RoomMatch Stereo Line Array System
2 x RM9010 RoomMatch Modules
2 x RM9020 RoomMatch Modules
4 x RM12020 RoomMatch Modules
2 x RMS218 VLF Subwoofers
4 x PowerMatch PM8500N Amplifiers
1 x ESP-880 DSP Processor

**Stage Monitors**
Sidefills
2 x Bose LT904 Loudspeakers with RM215 Subwoofers
1 x PowerMatch PM8500N Amplifier
1 x PowerMatch PM8500N Amplifier

**Floor Wedges**
4 x Yamaha CM12V Floor Wedges
4 x Bose RU208 Stage Monitors
MICROPHONES:

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Shure:

1 x Audix       D6 Large Diaphragm Dynamic Microphone
5 x Shure       SM58
5 x Shure       SM57
4 x Shure       ULX-D Wireless Receivers
4 x Shure       ULX-D Handheld Wireless SM58
2 x Shure       Countryman Wireless Vocal Mic (Ear Worn)
2 x Shure       SM93 Omni Directional Lavalier (Body Worn)

HEADSETS:

RTS 2 channel production communications system
8 - belt packs and 8 headsets
Light Control Booth - Permanent
Sound Control Booth - Permanent
Monitor/Paging system to all areas of the Theatre

PLEASE CALL BOBBY DeLUCA AT (213) 628-2725, extension 119, for any technical related questions. Information can be emailed to the attention of Bobby DeLuca at bdeluca@jacc.org