CHEMAINUS THEATRE FESTIVAL

TECHNICAL INFORMATION
REVISED MAY 2ND, 2014

Stage:	Semi-thrust, black box/amphitheatre configuration. Structural walls along three sides of the performance area. At the mid point of the stage, the deck opens up wider as it thrusts into the house. Modular stage upon sprung sub-floor. Please note, there is a 6 inch water pipe and access ladder to the grid in the up stage left corner. Please contact TD for specifics.
Hall Seating:	278 fixed seats – arranged in semi-thrust in 3 sections on a 30 degree incline. Stage deck elevated 2 feet above first row. Two entrances into house seating area located at the lowest level (House Right) and the highest level (House Right). Wheelchair patrons are able to use either level to enter and exit theatre.

Onstage Dimensions

Depth:	Maximum downstage to maximum upstage:	25'9"
	Upstage wall to beginning of thrust:	12'
	Beginning of thrust to downstage edge:	13'9"
Width:	Upstage wall:	32'
	Maximum width at 14' from upstage wall:	36'2"
	Downstage apron:	17'6"
Height:	All measurement taken from modular stage – from sub floor add 2'.	
	To underside of catwalk:	17'
	To superstructure:	26' 1"
	To structural ceiling:	28' 5"

Deck:	Modular stage of extruded aluminum framing in 4'x6' segments, roto-locked together, pedestal support legs interlocking all corners – additional support added as needed. Live load rating of 125 psf (610kg/sq meter). Current configuration has deck elevated 2' above sub-floor. Reconfiguration of entire structure possible with due notice.
Subfloor:	Wood joist framing with double layer of plywood, inherent sprung nature to floor. Sub-floor contains trap into basement located roughly 15' from the upstage wall – approximately 4'x8' in dimension. Approval must be obtained to use the trap before any consideration of the trap's usage will be considered.
Wing Space:	Located upstage on both sides of the stage. Maximum height with modular stage is 7'7" with a width of 10 feet. Wing space is level with onstage deck height. German masking provided to cover full entrance.
Storage Space:	Limited storage space level with main deck. Additional storage located in the facility not at deck height.
Stage Drapes:	(2) 16'w X 18'h Half Traveler - Black Velour -100% fullness (2) 8' 4"'w X 18'h Leg - Black Velour (2) 4' w X 17'h Leg - Black Velour (1) 31'w X 18'h Cyclorama - White cotton (1) 30'w X 17'h Scrim - Black sharkstooth Grommets & tie lines top, pipe pocket bottom, 1" hem sides (1) 32'w X 3'h Border - Black Velour (1) 32'w X 2'h Border - Black Velour (2) 8'w X 10'h Black (1) 13' 6"w X 8'h Black Velour (1) 13' 6"w X 7' 6"h Black Velour
Rigging:	Spot line rigging available, small system rigging possible – please confer with Technical Director prior to any rigging decisions.

Stage Door/Load-In Entrance

Located beside the theatre – it is a ground level entrance to the backstage area.
Door #1   7'10" (h) x 7'8" (w) roll-up garage door at initial entrance to loading bay.
Door #2 + #3 8' (h) x 6' (w) swinging doors, separating fire doors leading from loading bay. Doors do not impede overall width of entrance.
Two entrances to theatre area:
Entrance #1 (to stage level) 3 steps up – approx. 24" rise to Door #4 – 8'(h) x 10'(w).
Entrance #2 (to sub floor level) no steps – Door #5 – 7'(h) x 6'(w)

General Theatre Information
Dressing/Change Rooms:

There are two separate sets of dressing rooms located at either side of the backstage area. One is suitable for a 'Chorus' style arrangement with large counter space and mirrors with incandescent lighting around the mirror – approximately room for 10+ persons. It is located under the seating area with access from the Stage Right wing.

This area is comprised of:
(2) dressing rooms approx. 14' x 10' with lockable storage in each room.
(2) Full washrooms (male and female specific) including shower stalls in each washroom.

The second dressing room area is comprised of 2 separate rooms located directly off of the Stage Left wing. Complete with 15 amp power at each station and mirrors with fluorescent lighting in each room.
Dressing room #1 – suitable for 4 persons.
Dressing room #2 – suitable for 3 persons.
There is a small washroom with toilet available in this area.

Green Room:
There are 2 areas designated as Green Rooms, one is located in the backstage crossover complete with small kitchenette and CCTV. The second is located in the Chorus area containing program sound and a refrigerator.

Wardrobe:
Facilities located on site with washing machine, dryer, steam iron and minor repair. Major repair and maintenance facilities available. Please consult Technical Director.

Lighting:
There is no pre-focused, pre-hung lighting house plot. Clients must provide details and arrange for the appropriate amount of time (in conjunction with the Technical Director) to configure the lighting system for each performance.
Lighting is arranged on a fixed grid, catwalk system with additional structure added as needed. There are additional (boom) lighting positions on the extreme sides of the theatre. Please see CAD plot for details.

Control:
Control booth located in the back of the house on centre with an unobstructed view of the stage and elevated above the back row of seating.

Control System:
ETC Element 40 submaster, 500 channel console

Dimmers:
ETC Sensor system
(150)   ETC D15E 1800W dimmers
(3)   ETC R15AF Non-dim power supply units
(18)   Available slots – available on rental
House Lights are not a part of Dimmer system – but DMX controlled.

Patching:
System is arranged dimmer per circuit – all circuits and fixtures are 15 Amp U-ground connectors.

Lighting Inventory:
(43) ETC Source Four
(6) ETC Source Four LED Lustr
(11) 50 deg. Source Four Barrels
(26) 36 deg. Source Four Barrels
(9) 26 deg. Source Four Barrels
(2) 50 deg. Source Four EDLT Barrels
(2) 26 deg. Source Four EDLT Barrels
(2) 19 deg. Source Four EDLT Barrels
(2) Selecon Pacific Zoom 45-75 deg
(2) STRAND 2240 - 40 deg.
(4) ALTMAN   Zooms 20-40 (one missing top shutter)
(7) ALTMAN   Mini Zooms 25-50
(6) COLORTRAN -Berkey Mini-Ellipse 30-40-50
(3) STRAND 2212 - 6X12 - 26 deg.
(12) High End ColorCommand
(17) ALTMAN 6" Fresnels - 16-70 deg.
(24) STRAND 3380 6" Fresnels
(14) Altman Par 64's
(6) Par 16
(15) Selcon HUI single cell Cyc Fixtures
(4) STRAND Coda 3 Cyc lights
(1) ALTMAN Comet Followspot

Lighting Access:
(2) 10" Barndoors
(16) 6" Barndoors
(12) 6" Barndoors
(22) Source 4 gobo holder A size
(6) Source 4 gobo holder B size
(1) Universal Iris Holder
(6) Berkey gobo holder

(6) extruded drop slot gobo holder B size
(14) Rosco sandwich style gobo holder B size
(2) Iris - Source 4
(2) Iris - Strand 2240
(4) short barrel top hats

Lighting Effects: (4) Rosco I-cue moving mirror
(2) Chroma-Q 8 way power supply for I-cues
(1) ColorPower power supply for ColorCommands
(1) RC4 4 ch wireless dimmer 12V 50W/ch
(1) RC4 4 ch wireless dimmer 12V 150W/ch
(1) RC4 4 ch wireless dimmer 12V 250W/ch
(1) DHA Varispeed effects wheel - 6 1/4" frame (Source 4)
(2) Apollo Smart Move gobo rotators
(2) 12" Mirror Ball with motor
(1) Ultratec Radiance Hazer w/DMX interface
(1) Orion Fogger – 1000 watt
(6) Chroma-Q Broadway Scrollers (16 Frame)

Supplemental Power:
(2) 50 Amp 125/250 V Stove plug outlets – located in dimmer room.

Audio: The Sound system is on separate power from the lighting system with it's own isolated ground. There are additional isolated ground circuits throughout the facility – denoted with an orange receptacle.

Control: Located in same control booth as the lighting system.

Console: Yamaha DM 1000 V2 with Studio Manager.
Base configuration 16 x 16 x 2.
16 outputs with a Euroblock connector hard wired to amp rack.

Speakers: Fixed speakers arranged in full surround.
(12) Renkus-Heinz CFX81. 2 Way full range loudspeaker 8"(LF) x 1"(HF) at 200W.
(8) Renkus-Heinz CFX61. 2 Way full range loudspeaker 6"(LF) and 1"(HF) at 120W.
(1) Renkus-Heinz CFX-18S Single 18" Woofer – Low pass filter 900W.

Amplification: (5) QSC CX404 Amplifiers – 4 channels of amplification each.
(1) QSC RMX1450 Sub Amplifier

Media Play/Rec: Qlab V 3 sound and video playback software
(2) Echo Firewire - 8 In/8 Out
Mac Pro Tower 2.66ghz Quad-core, 6gig ram, 640gb hard drive.
Designer remote/ Back-up computer: Macbook Pro 13" 2.4ghz, 4 gb ram, 500 gb hard drive
Rehearsal Hall for pre-programming: Mac mini 2.4ghz, 4 gb ram, 320 gb hard drive

Microphones: (4) Audio Technica UHF ATW-T310b with lavaliere microphones
(2) Audio Technica UHF AEW-R4100 with Lavaliere microphones
(3) Shure SM 58
(2) Shure SM 57
(2) shure SM 55

Communication: Hardwired Clearcom system with HME Wireless interface.
(1) HME DX200 Wireless Intercom maintstation
(4) HME Beltpacks with headsets

Program Sound powered via Clearcom to backstage change area, as well as through CCTV located in all backstage areas.

Program sound in booth via:
(1) Samson Servo 200 amplifier.

Hearing Impaired System:
(1) ONWAVE Phonic Ear FM system – PE560T Transmitter
(1) DOD S2410 Signal Processor
(1) Rane FDA18 Distribution Amp
(20) Phonic Ear receivers

Properties: 8 Black Music Stands
Various Instrument Stands
Yamaha CP-300 Electric Piano

Projection: Panasonic EW-630 LED Projector
Short Zoom Lens for Panasonic EW (1.3-1.7:1)
Sharp XG-MB706 3000 Ansi Lumens.

Pyrotechnics / Weapons and replica firearms:
Any effect involving open flame or combustible material (i.e. cigarette smoking, candles) is considered a pyrotechnic and must follow the Federal Natural Resources guidelines on pyrotechnics in conjunction with municipal bi-laws covering their usage. Planned legislation schedule for June 2008 will prohibit all tobacco smoking indoors – herbal cigarettes do not fall under this prohibition. The Chemainus Theatre Festival has a specific policy regarding any weapons and replica firearms (blank firing or not) – please consult with the Technical Director regarding any of these areas.

Staging:
The Chemainus Theatre Festival has a full and complete shop with skilled carpenters on staff. Services are available upon request.

Contacts:

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