

Palikū Theatre

Windward Community College

Technical Specifications

Updated January 2023

I. House

A. Seating

1. 292 seats (254 permanent, 38 on wagons) + 3 WC spaces in proscenium stage configuration
2. Additional temporary seating in proscenium stage configuration = 20 each side (maximum with temporary seating - 332 + 3 wheelchair spaces)
3. 276 seats in thrust stage configuration.

B. Access

1. Double doors each side of lower house (level 2), double doors at rear upper house (level 3).
2. Wheelchair access lower house and via elevator to third level

C. Steep rake to house

1. Eye level 6" below stage level - front row of seating on thrust
2. Eye level 3' above stage level - front row of main seating
3. Eye level back row 21' above stage, 60' from plaster line

D. Orchestra pit

1. 9'-2" below stage level
2. 9' deep x 40' under stage
3. 8'-5" deep x 40' narrowing to 33' at downstage on first lift
4. Cement with linoleum under stage, wood (stage flooring) downstage
5. Access from under stage

II. Stage

A. Proscenium 44' x 20' x 2'-0" (8'-0" depth at top of arch)

B. Depth

1. 2'-0" edge of stage to plaster line
2. 1'-5" plaster line to House curtain
3. 23'-7" plaster line to cyc pipe #28
4. 25'-6" to 26'-9" plaster line to back wall

C. Floor

1. Wood floor
 - a) *Fir boards over plywood sub floor on pads*
 - b) *Black painted, flat*
2. Wood extends 2' from edge of proscenium into wings each side
 - a) *Concrete beyond*
 - b) *Additional 18' wing space stage right to fly rail*
 - c) *Additional 21' stage left to side loading door*
3. May not be nailed or screwed, gaffers tape + electrical tape ok
4. Dance floor not available in house

D. Two lifts create apron, pit or thrust

1. First lift at stage level adds 8'-5" apron (10'-5" from Plaster) 40' wide upstage to 33' downstage
2. Both at stage level add a 20'-3" thrust (22'-3" from Plaster) 40' wide upstage to 23'-4" Downstage

E. Access to stage from both sides up and down stage, steps from house both sides

F. Hallway crossover through scene shop upstage of back wall, no onstage crossover

G. Stage manager position down stage right

III. Soft Goods

A. House curtain - Gold

1. 63' x 24'
2. 100% fullness
3. Traveler or guillotine

B. 4 black velour borders

1. 62' x 8'
2. 0% fullness
- C. 3 sets black velour legs
 1. 26' x 12' (#1 Legs 22' x 12')
 2. 50% fullness
- D. Light blue cyc (leno filled scrim)
 1. 63' x 26'
 2. Seamless
 3. Fair condition, rips repaired
- E. 2 black travelers act as legs
 1. 63' x 26'
 2. Mid stage and upstage (see lineset list)
- F. 16' x 12' movie screen front and rear projection
- G. White Scrim
 1. 50' x 22'
 2. Bottom pipe

IV. Lighting

- A. Control ETC Ion 1000 (with 2x20 fader wing)
 1. Lighting Desk - House patch specific to board - see light plots
 - a) *Operate from booth, rear of house, mid house or stage right*
 - b) *Control of house, front worklights and offstage worklights*
 - c) *Separate Unison wall panels for house, works and basic light*
 2. 279 2.4k dimmer per circuit
 - a) *69 circuits FOH stretch wire grid (movable)*
 - b) *8 circuits each box boom*
 - c) *28 circuits each electrics 1 and 4, 30 circuits each electrics 2 and 3*
 - d) *4 circuits each side at proscenium*
 - e) *2 - 4 circuit floor pockets each side, 3 upstage (28 circuits total)*
 - f) *6 houselight circuits*
 - g) *g.2 - 4 packs of 2k dimmers, 2 20amp circuits needed for each (Normally part of FOH)*
 - h) *h.2 - 4 packs of 1k dimmers, one at each side truss*
 - i) *1 - 4 pack of 1K dimmers at fly rail for practicals*
 - j) *j. 3 - 4 packs available as extras*
 3. Three universes
 - a) *First hardwired to original dimmers and six way opti splitter on stretch grid*
 - b) *Second and third by ethernet to opti splitters down stage right*
 - c) *DMX available on all electrics and deck*
- B. Lighting Equipment

There are a few lighting fixtures that are not hung as part of the house plot.

Please refer to separate list and check with Palikū staff for status of extra equipment

- C. House plot
 1. House plot in place, printout, magic sheets and hookup available
 2. General description:
 - a) *McCandless single hung areas*
 - b) *Two diagonal front wash*
 - c) *High cross separate by areas*
 - d) *One straight back wash single color, diagonal back using LED RGBWTwo color front wash*
 - e) *Three color gobo wash*
 - f) *51 specials (refocus as needed, do not need to restore)*
 3. Cyc Altman Spectra 100 LED RGBA
 4. Plot includes 2 ETC Revolutions FOH, 2 VL770s top of proscenium trusses, 2 VL880s 2nd Electric
 - a) *Separate rental, see rental price list*
 - b) *Basic palettes and effects preprogramed*
 5. House plot must be restored

6. House plot color may be used for specials as long as burnouts replaced
- D. **Positions**
 1. Stretch wire grid FOH
 2. One box boom each side
 3. Four followspot positions each side of tech booth
 4. Four permanent electrics (see line set list)(pipe end drop downs on 1st and 2nd)
 5. 10' vertical truss downstage of proscenium each side
 6. Six pre hung sidelight booms, mids and shins

V. **Sound**

- A. Full system available with suitable technician hired - Contact Palikū theatre technician for details
- B. Clear Com base station - 6 wireless headsets

VI. **Fly system**

- A. 25 lines
 1. 1 1/2" pipe 63' long
 2. 8" centers with some gaps (see line set list)
 3. 8 lift lines each lineset
- B. Single purchase, no grid
 1. Track guide arbors
 2. Full set of weights
- C. Fly rail stage right, loading bridge at 44' access by ladder
- D. Pipe low trim 4'-0", High trim 48'-0"
 1. Electric high trim 32' approximately
 2. Re-weighting of electrics must be from loading bridge (crew accordingly)
 3. First and second electrics use electric winches. House technicians needed to operate.

VII. **Backstage**

- A. **Dressing rooms**
 1. Two large chorus rooms
 - a) *8 person comfortable, 16 max*
 - b) *One restroom and one shower stall in each*
 2. Green room, can be used as dressing room, 10 max
 3. Video monitors with audio
 4. Chairs, racks and mirrors provided
 5. No bath towels or soap provided in showers
 6. Multi purpose room with mirrors, can be used as dressing room, 16 max
 - a) *Refrigerator and sinks*
 - b) *Microwave*
- B. **Loading dock**
 1. 13'-9" x 10' roll-up door
 2. Dock 3'-8" high from driveway
 3. Loads into scene shop
 4. Angle to stage through either upstage center or stage left
 - a) *13'-9" high x 12' wide door to side stage left*
 - b) *20' high x 20' wide door upstage center*
 5. Able to handle up to 40' trailer
- C. Scene shop and storage for WCC use only
- D. Lockers available in dressing rooms
- E. Washer/dryer in multi purpose room must be arranged with WCC
- F. JLG Personnel lift available for focus (26' highest working trim)

VIII. **Crews**

- A. Technicians approved by WCC must be hired
- B. Crews will consist of qualified stage hands cleared by WCC staff
- C. Volunteers must be checked and trained by WCC staff

D. All crew will be paid before curtain time of first show

IX. Contact Info

A. Theatre Manager: Nicole Tessier

1. 808-235-7330
2. tessier@hawaii.edu

B. Theatre Technician: R. Andrew Doan

1. 808-561-9690
2. radoan@hawaii.edu

C. Website: <https://windward.hawaii.edu/paliku>

D. Instagram: https://www.instagram.com/hawaii_conservatory/

20' high roll up door to scene shop



20'-0"



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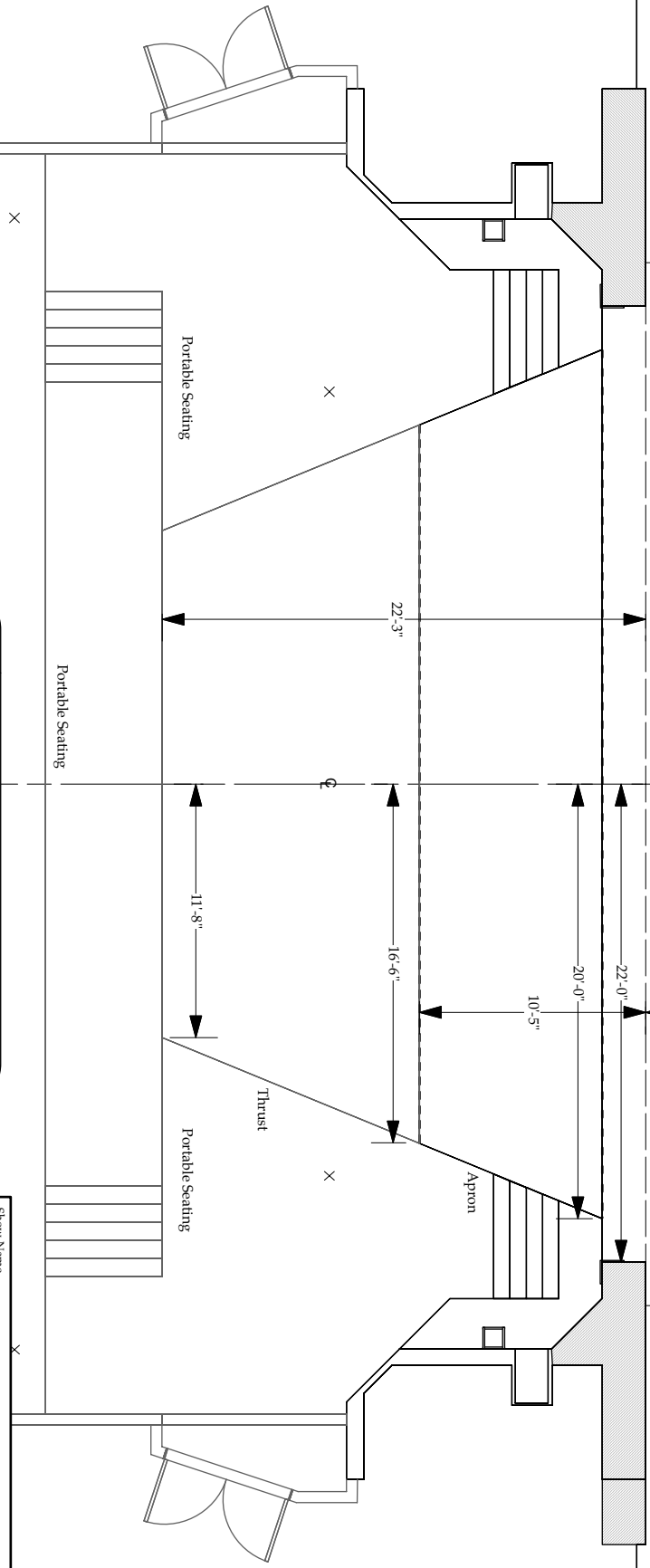
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Groundplan 8.5"x11"
Scale: 1/8" = 1'-0"

Show Name

Paliku Theatre 8.5" x 11"

Reference

Scale: 1/8" = 1'-0"

Drawn By

Riford

Date

Fall 2014

CAD File Name

Paliku Plans F14

Print Date: Feb 9, 2015