



The Thelma Gaylord Performing Arts Theater

## Technical Basics

### Uses:

Theater, Dance, Opera, Symphonic Music  
Film, Meetings, Services and Concerts

### Seating:

2481  
Upper & Lower Orchestra: 1293  
Grand Tier: 318  
Mezzanine: 310  
Balcony: 560

### Sound:

96 Channel Digidesign Venue D-Show Console  
Flying Center, Left, & Right Cluster Speakers  
Complete Over & Under Balcony Speakers  
Extensive Microphone Rental Inventory  
Allen & Heath Monitor Console  
Monitors Available (8 Bi-Amp Mixes)  
Infrared Hearing Assistance System  
Motorized Acoustical Shaping Draperies  
Adjustable House Forestage Reflectors  
Page & Program to All Production Areas  
Headset Intercom Communications  
Reel to Reel, Cassette, CD, and DAT  
Portable Effects, Power, & Processing Racks  
Mitsubishi XL595OU LCD Projector 6600 Lumen

### Dressing Rooms:

Two 4 Person Dressing Rooms  
Two 30 Person Dressing Rooms  
Two 30 Person (Orchestra & Chorus) Rooms  
Wardrobe Room with Washer & Dryer  
Eight 2 Person Star Quality Dressing Rooms  
Extra Washer and Dryer Hookups  
Performers' Lounge  
Patrons' Lounge  
Full Service Production Office Facilities

### Available Power:

5 – 400amp 3 phase 5 wire disconnects SL  
1 – 200amp 3-phase clean sound disconnect  
3 – 100amp 3 phase 5 wire USL, DSR, DSL  
1 – 400amp 3 phase in loading dock area

### Pricing:

We require a minimum of 3 house positions on all calls. For estimates of backstage equipment and labor call 405-297-2758 or email Brent Winters. Pricing can change to reflect actual hours worked.

### Lighting:

3 House Border Lights Red, Blue, Green, White  
Cove, Box Booms, and Balcony Rail Positions  
Strand 550i Lighting Console with 565 Dimmers  
4 Strong Gladiator III Follow Spots  
4 Lycian Short Throw 2000watt Follow Spots  
4 CMY 575 Studio Spot Moving Head Lights  
40 Light Color Scroller Capability  
Portable Swag Box Plugging to Any Batten  
Extensive Rental Lighting and Effects Inventory

### Stage Dimensions:

Plaster Line to Back Wall: 40'  
Wing Space Right & Left: 30'  
Stage Floor to Grid: 91'4"  
Maximum Proscenium: 40'5"high X 55'9" wide

### Rigging:

71 Line Single Purchase Counterweight System  
All Line Sets on 6" Centers  
All Battens are Double Truss Battens  
Arbor Capacity: 75% of 2300 lbs.  
Fly Floor Operation at Stage Level & @ 44' Fly Rail  
Complete Professional Symphonic Shell & Shaper

### Draperies:

Navy Blue House Curtain: Travels  
2 Full Stage Black Traveler Curtains  
5 Pair Black Legs  
5 Black Borders  
White Muslin Sky Cyclorama  
White Sharkstooth Scrim Drop  
Black Sharkstooth Scrim Drop  
Full Stage Black Drop

### Contacts:

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## Stage Rigging and Carpentry Information

- Single-purchase system with double-truss battens.
- Operated from the deck or from the upper pin rail, stage right.
- Pin rails and loading rails are located stage right.
- Spot lines are at each of the house electric locations and others can be set in custom locations, as required. All lines are 5/8" line and are run through spot line shives on the gridiron. Lines also breast naturally to ground points. When the symphony shell is deployed all spot lines, pipes, and cables must be flown above and away from the ceiling shaper.

### Fly System

Upper Pin Rail Height	44'
Catwalks (Runs SR, SL & US Walls)	44'
Lower Loading Rail Height	78'5"
Upper Loading Rail Height	84'7"
Gridiron Height	91'4"
Weights	25 lbs.

### Battens

Quantity	71
Length	70'
Maximum Weight Capacity per Batten	75% of 2300 lbs (1725 lbs)
Batten Travel from Deck	84'7" – 0"
First Available Pipe	1'6" from Plaster Line
Last Available Pipe	40'5" from Plaster Line
Pickup Lines per Batten	6
Length of Arbors	14'

### Symphony Shell Ceiling Shaper

- The symphonic shell ceiling shaper forms a wall-to-wall ceiling across the entire stage area. It is hinged to and stored against the back wall of the theater. All lighting, shell reflectors, cabling, and support equipment is mounted to and deployed from the ceiling shaper. The approximate weight of the entire unit is 85,000 lbs. All cables and pipes must be stored before deployment.
- The shell walls are stored behind the shaper. They are 30' tall. 6 walls are 11' wide, 7 walls are 9'6" wide. The shell can be set with 1 to 4 wall sections and 3 reflector sections

### Orchestra Pit and Miscellaneous

- Movable Orchestra Pit employs a Gala dual spira lift arrangement. Pit 1 is set for Broadway. Pit 2 is a full Ballet Pit. Both pits together can accommodate a full Opera Orchestra. Additional space exists under the stage for larger orchestras. The pit can hold up to 85 audience seats (28 Up and 57 Down).
- The inner pit (pit 1) can be lowered leaving the outer pit (pit 2) in the upper position providing the client with a pasorale. It can be set at any desired level or combination of levels to meet the event's specific needs.
- Both pits are computer controlled from a station on stage right. Pit walls are placed in front of the stage or pit to mask the front edge and below stage.
- The house employs a full forestage reflector, which can be raised or lowered to preset heights. The entire forestage arrangement includes doors which open or close to accommodate the sound arrays, left; right; and center (see sound information). The forestage reflector and related equipment is computer controlled from a station stage right.
- Rigging points for chain motors and pick lines are provided in specific locations in the front of house and anywhere from the gridiron onstage. House approved riggers are required for all front of house or onstage rigging.



## Dimensions

Maximum proscenium height	40'5"	
Maximum proscenium width	55'9"	
Plaster line to back wall	40'0"	
Wing space stage right & left	30'0"	
Stage floor to gridiron	91'4"	
Plaster line to orchestra pit (apron)	5'6"	
Pit 1 from stage edge to pit edge (center)	7'5"	
Pit 2 from pit 1 edge to edge of pit 2	7'4"	
Pit 1 width (pit is curved)	64'3"	
Pit 2 width (pit is curved)	69'11"	
First cove to plaster line	83'0"	75 degree angle
Second cove to plaster line	102'0"	65 degree angle
Follow spot booth to plaster line	115'0"	60 degree angle
Near box booms left & right	55'0"	
Mezzanine rail to plaster line	04'0"	10 degree angle
Balcony rail to plaster line	107'0"	30 degree angle
Control booth to plaster line	128'0"	
First house crossover to plaster line	82'0"	
Second house crossover to plaster line	17'0"	
Orchestra pit depth (both pits)	15'0"	
Downstage edge of stage to upstage wall	46'2"	
Stage left wall to stage right wall (full stg)	118'3"	
Winch trolley's to pipe ends left and right	3'10"	
Winch trolley's to stage floor	66'5"	

## Some Available Equipment (not a complete list)

1	7.5' Kawai Grand Piano w/ Artist Bench
1	Custom 32" Speaker's Lectern
2	Dalite Hamilton 32" Speaker's Lecterns
1	Dalite 25" Table Top Speaker's Lectern
1	24' Genie Personnel Lift
1	40' Genie Personnel Lift
8	Rolling Garment Racks
1	Soundcraft LCR Speaker's Lecterns
1	Yamaha Studio Piano w/ Bench
3/ea	Washer and Dryer
30	Wenger Adjustable Music Racks
30	Wenger Music Rack Lights
15	Wenger 3 Step Standing Choral Risers
8	Wenger 4X8 Orchestra Risers 24"
8	Wenger 4X8 Orchestra Risers 16"
8	Wenger 4X8 Orchestra Risers 8"



## Stage Related Support Space

All support areas (dressing rooms, control booths, bathrooms, hallways, etc.) are provided with state of the art show program and page capabilities and have touring hookup capabilities. Headset communications and video monitors are provided to all areas.

### Basement Level

- **Two Chorus Dressing Rooms:** Mirrors, mirror lights, makeup counters, showers, and bathrooms. Will accommodate up to 30 or 40 people in each room.
- **Two Musicians Dressing Rooms:** Music equipment lockers, showers, and bathrooms. Will accommodate up to 30 or 40 people in each room.
- **Performers Lounge:** Greenroom and catering area with pantry.
- **Wash Room and Wardrobe Area:** Large area with direct access to chorus rooms and 2<sup>nd</sup> and 3<sup>rd</sup> level dressing rooms with 4 washers and 4 dryers. House has washers, dryers and garment racks available to rent.

### Stage Level

- **Two Star Suites:** Each contains furnished greeting area with TV, makeup room, and bathroom with shower and full facilities.
- **One Production Office:** Phone lines as required with possible extra charge for multiple lines. Furnished with desks. Located on the North end of crossover hall, backstage.
- **House Technical Director's Office** is located on the North end of crossover hall, backstage.
- **House Carpenter's Office** is located on the North end of crossover hall, backstage.
- **Loading Area:** Contains three truck bays, one with leveler, one with truck lifter, and one standard freight bay. Each bay is approximately 10'8" wide by 10'8" high. Loading area is approximately 44'0" wide by 60'0" long and can be utilized for show storage as required. A 400amp disconnect is provide for dock power.
- **Access to Main Stage Left:** Doors are 20' tall by approximately 11'8" wide and are double light lock doors with personnel doors.
- **Access to Main Stage Right:** Doors are standard personnel size and are double light lock doors.
- Backstage Men's and Women's Bathrooms.

### First Tier Level

- **Patron's Greenroom:** Plush space provided for "meet and greets", special luncheons, etcetera.
- **Four Star Suites:** Contains furnished greeting area with TV, makeup room and bathroom with shower and full facilities.
- **Two Group Dressing Rooms:** Dressing area with makeup mirrors and counters, shower, and full facilities for 4 people in each room.
- **Two Conductor's Suites:** Contains furnished greeting area with TV, rehearsal room large enough for grand piano, and bathroom with shower and full facilities.
- **Lighting Control Booth:** Located at the rear of the house on stage left with a Strand 550i control console. Console will control all stage lighting (extensive inventory), dedicated symphony shell lighting and all house lighting. Enough space is provided to locate road boards in the booth. *Underground cable runs are available for road show cable runs for both lighting and sound.*
- **Sound Control Booth:** Located at rear of the house stage center. A Soundcraft Series Five console is provided. Space is provided to accommodate most road boards. Alternate mixing position is center house directly in front of the sound booth (easily removable seats and leveling platform are provided).
- **Alternate Sound Control or Director's Room**
- **Production Video Control Booth**



## Lighting and Power Information

- Lighting, motor, and accessory powers are isolated from sound power. Stage Left are five 400 amp - 3 phase - 5 wire disconnects. The furthest upstage is available for limited use only, as it is dedicated lighting service for the Freede Little Theater.
- A clean and isolated 200amp - 3 phase - 5 wire sound power disconnect is available downstage left. Additional clean 110v sound outlets are designated with orange receptacles located throughout the facility.
- An additional clean 60amp - 3 phase power distribution system is located downstage left and right each with a distribution box containing a minimum of twelve standard - 20amp outlets evenly divided over 3 phases of power. Each distribution box is outfitted with a 75' cable to reach center stage. These boxes may be utilized for non-sound power as well.
- A standard 3-pin stage plug house transfer distribution system for all front of house circuits is located downstage left.
- DMX in and out is located throughout the facility. Ethernet connections are also available. A remote focus jack is located downstage right. The DMX patch panel is located in the lighting booth.
- The stage, concert, and house lighting is controlled by a Strand 550i Console running Genius Pro/Lightpalette version 2.8.5 (i). The console provides for both static and intelligent moving light operation. A designer's remote console is available. House and backstage DMX control positions are available.
- All dimmers are Strand CD-80 Supervisor dimmer racks with 474 dedicated stage lighting dimmers. There are 94 dimmers dedicated to concert reflectors, symphony shell, and front of house concert lighting. House lighting consists of 104 dimmers.
- Control racks are located stage right, stage left, and in the lighting booth. These panels control most onstage functions, including orchestra pit, work lights, house lights, DMX distribution, cue lights, and running lights. Production video monitors are mounted into the onstage control racks only (see video section for more information).
- Touring consoles can be placed in the lighting booth or center house position directly in front of the booth. All control cable must be run through the basement cable run (approximately 250'). DMX in and out is available in the lighting booth.

### Lighting Positions

Front of house lighting positions: from center plaster line

First Cove @ 83' Angle 75 degrees

Second Cove @ 102' Angle 65 degrees

Mezzanine Rail @ 104' Angle 10 degrees

Balcony Rail @ 107' Angle 35 degrees

Near Box Booms ea side @ 55' Angle 60 degrees

Upper Box Booms ea side

Under Balcony Box on box 1 ea side

Follow Spot Booth @ 115' Angle 60 degrees

Lighting Control Booth @ 128' Angle approx. 10 degrees

- Cove positions consist of stage lighting, house, and concert dimmers & instruments.
- Onstage Lighting Positions can be hung on any available pipe upstage of the proscenium (see house hang plot for standard lighting battens).
- Onstage dimmers are distributed via 34 six-circuit multi cables, 17 per side, which can be located anywhere. All circuits terminate at the gridiron.
- There are 52 dimmer circuits located on the deck. One permanent circuit box in each corner of the stage.



## Specialty Lighting and Support Equipment

- The facility has 4 Strong Gladiator III 3000w Xenon Follow Spots located in the second cove follow spot position. The spot booth position is a perfect 60 degree angle, however due to the placement of the cove lighting positions, the follow spots may not cover all the way upstage (especially to upstage high platform locations).
- Four 2000watt Lycian Midget Follow Spots are available for use in the box seat areas and in the facility's smaller venues.
- The facility has 40 Wybron CXI Color Scrollers available. The house lighting hang provides 16 hung in the upper box boom positions (8 stage left and 8 stage right). Twenty-four are used for high sides onstage (twelve per side). Four High End CMY 575 Studio Spots are available. Ten-foot and five-foot Tomcat Trussing is available for use as lighting towers.

### CCMH Fixture Inventory

<u>Type</u>	<u>Quantity</u>	<u>Description</u>
5° (Shell cove specials)	6	ETC Source 4
10° (14 Shell wash)	48	ETC Source 4 (24 w / twist lock)
19°	40	ETC Source 4
26°	40	ETC Source 4
36°	35	ETC Source 4
50° (8 City Space)	10	ETC Source 4 (avail if not in use)
15/30° Zoom	12	ETC Source 4
25/50° Zoom	12	ETC Source 4
Junior Zoom (8 CitySpace)	24	ETC Source 4
Parnel (24 CitySpace)	36	ETC Source 4
6x12 (Little Theater inst)	16	Altman / L&E (avail if not in use)
6x16 (Little Theater inst)	14	Altman / L&E (avail if not in use)
Fresnel (8") (adv notice req)	24	Altman (stored at Rose State)
Fresnel (6") (City Space inst)	24	Altman (on loan from Rose State)
S4 PAR	67	ETC Source 4 w/ all lenses
PAR 64 (12 LT & CSP)	30	Altman / L&E (avail if not in use)
CYC	10	Century Strand (6 cell, 3 color)
Striplights	18	Altman (red, blue, green, white)
Studio Spots (575 CMY)	4	High End
CXI Color Scroller	40	Wybron
CXI Power Supply	4	Wybron



## **Production Sound and Video Information**

### **Sound Information**

- The house console is a 96 Channel Digidesign Venue D-Show. The console is controlled from the sound booth at the rear of the theater. The distance from the stage is 125' and the touring cable run is 250'. The console can be moved from the booth to an in house position directly in front of the booth. A Midas Easy Tilt stand is provided for ease in setup. Portable Playback, Dynamics, and Power Supply racks are provided, as well.
- The house speaker arrays are EAW speakers and Crest amplifiers: two speaker towers (stage left and stage right) and one center sound cluster. All three arrays are on computer-controlled winches and can fly in and out.
- There are three balconies and accompanying box seats on house left and right. Each area has under balcony speaker coverage. The upper most balcony is covered by over-balcony speakers. Delay is controlled from the sound booth equipment rack.
- Motorized acoustical curtains are provided for all hard surfaces throughout the theater utilizing both braille and draw curtains. Custom presets are available as required.
- The forestage reflector is computer controlled and can be raised or lowered. The sound clusters can be hidden from view (when not in use) by utilizing this reflector.
- Page and program are available in all production areas. Two portable stage management racks provide access to the system throughout the theater. A portable cueing system is also available. Headset communications are available throughout the facility and can be tied directly to the control booth, stage left control rack, stage right control rack, and the portable stage manager racks.
- An infrared hearing impaired system is employed in the main theater utilizing IFR emitters mounted in optimum locations and battery powered headsets available free of charge to the audience. The system is controlled from the control booth at the rear of the theater.

### **Production Video Information**

- The system provides live video throughout the facility. Video monitors are provided in the backstage production offices, video booth and stage left and right manager racks. In addition, outrigger monitors and cameras can be connected throughout the facility.
- The system provides sound/video to color televisions placed on balcony and house lobby levels, as well as key locations backstage. We also have the capability to broadcast VCR or DVD recordings.
- Three cameras are mounted in the theater. Two of them provide a front view of the stage (one has infrared capability). The third is in the orchestra pit. They are controlled from the video booth by a Pentium Three computer and three Panasonic WV-CU161 System Controllers.
- A soft patch and hard patch are provided in the video booth to patch any camera to any source. Input and source connectors are mounted in all key areas.



## Available Sound Equipment

(\* Assignable)

### Microphones

4 Active Direct Boxes  
3 Passive Direct Boxes  
1 AT4033/SM  
3 Crown PCC 160 border microphones  
18 Electrovoice 408  
9 Electrovoice 357  
2 Electrovoice RE20  
3 Shure ECM 66-B1  
5 Shure MX 393/s  
2 Shure BG 5.0  
1 Shure VP88  
8 Shure SM57  
8 Shure SM81  
4 Sienheiser ND42111  
5 Sienheiser MD43111  
3 Sony ECM 668 lavalieres  
3 Whirlwind 1502

### Monitor Equipment

(1) 8 Channel Ashly 3102 EQ's \*  
1 Allen & Heath GL3300 40 Channel Mixing Console  
2 EAW FR129Z monitors  
2 EAW LA325 monitors  
6 EAW SM 200iv monitors  
2 EAW JF200e  
4 Electrovoice 1202 slant monitors  
2 Electrovoice M1502 slant monitors  
2 Galaxy hot spot monitors w/stands  
2 Peavey 112 DLM monitors  
2 Peavey 112 DC box monitors  
6 Ultimate Support monitor/ speaker stands  
1 Whirlwind 56 Channel Concert Splitter w/ Transformers and Ground Lifts  
1 Whirlwind 100' Mass Connect W4 to Patchbay Port Stage Left  
1 Whirlwind 30' XLR Fan to W4 Mass to Monitor Console from  
Splitter Interface Cable 56 pair  
8 Bi-Amp Mixes w/ Ashly XR 2001 Active X-Over and QSC Power Amps 750  
Watts RMS @ 8 OHMS (CX-404 and RMX2450  
1 Q/Wedge Mix w/ Ashly XR – 1001 Active X-Over and QSC RMX2450 Power  
Amp  
7 EAW JF 80 Front Fills



## Playback Equipment

1	202MKII dual cassette deck
1	Aiwa AD515 cassette deck
1	Carver PSD36B disc player
1	Revox professional reel-to-reel player
1	Main House Portable Playback Rack with
1	Marantz PMD 321 – CD Player
1	Marantz PMD 510 Dual Cassette Player/Recorder
1	Tascam DA-45 HR DAT Player/Recorder

## Portable Systems

1	Shure portable wireless microphone rack (4 channel) with 4 Shure SM58 wireless hand-held microphones and 3 Shure SC14/84 wireless lavalier microphones
2	Portable stage manager paging stations
1	Portable equipment rack for Joel Levine Rehearsal Hall with Mackie 6 Channel Mixer, CD Player/Recorder, Cassette Player/Recorder, Dual 31 Band EQ QSC CKS – 800
1	Portable equipment rack for the Hall of Mirrors with Mackie 160Z Mixer, CD Player, Cassette Player, EQ 4 Channels PV 800 Power Amp
1	Portable equipment rack for the Little Theater with Tapco 6 Channel Mixer, CD Player and Altec Power Amp

## Main House Mixing & Processing

75	ADC patch cables (24” & 36” lengths)
3	Midas Easy Tilt console stand for portable operation
1	Portable Processing Rack: Lexicon MPX1, Yamaha Pror3 *
1	Portable Dynamics Rack: 2 KlarkTeknik DN504 Quad Comp Limiters *
1	96 Channel Digidesign Venue D-Show Console
5	XTA DP224 Speaker Management System
3	XTA DP226 Speaker Management System



## Main House Speakers

1	Benchmark MPS 400 4 Channel Mic Preamplifier *
7	EAW KF650e (4 on L&R Towers, 3 on Center Cluster)
2	EAW KF300e (Center Down Fill)
1	EAW KF330e (Center Down Fill)
2	EAW KF695e (1 Left Tower & 1 Right Tower)
6	EAW JF80 (Front Fills)
19	EAW JF80T60 (Under Balcony)
2	EAW SB250P sub woofer (1 Left Tower & 1 Right Tower)
2	EAW SB180R sub woofer (1 Left Tower & 1 Right Tower)
2	KlarkTeknik DN514 Quad Auto Gate *
1	Rane 216 A Distribution Amp, Aphex 9721 Limiters, 11 Channels *
1	8 Channels XTA GQ600 *
	31 Band Graphic EQ's

## Main House Amplifiers

3	Crest CKS400
9	Crest CKS800
4	Crest CKV800
4	Crest CKS 800 * (FOH Monitor Control)

## Miscellaneous Equipment

Mitsubishi 6600 Lumen LCD Projector  
Microphone cable 3 pin XLR in 10', 20', 30', 50', & 100' lengths  
Speaker cable w/ Neutrix connectors in 2', 10', 25', 50', & 100' lengths  
Microphone stands; sizes MS-20E: MS-4: MS-12E: DMS-10E: DMS-7E: MS-25  
Microphone booms; sizes PB-25XE: PB-21XE: PB-11XE  
IFR hearing impaired system available  
12- Clear Com Headsets and belt packs w/ master station & portable stations  
2 - nine pair 100' microphone snakes  
2 - twenty pair 100' microphone snakes  
1 - Telex BTR 800 Frequency Agile Base Station Wireless Com  
2 - Telex BTR 825 Frequency Agile 2 Channel Belt Packs w/  
4 - Sony PH188 Single Muff Headset w/ Mic  
1 - Iso Power Conditioner - PDI - LD13 - 40756-441



**CIVIC CENTER MUSIC HALL  
OKLAHOMA CITY, OK**

**PIPES (Double Batten 70')**

**Line Schedule as of 09/25/08**

#		#
<b>FC</b>	<b>0' 5"</b>	<b>36 20' 8"</b>
	<b>1' 6"</b>	<b>37 21' 2"</b>
	<b>2' 3"</b>	<b>38 21' 8"</b>
	<b>3' 0"</b>	<b>39 22' 2"</b>
	<b>4' 9"</b>	<b>40 22' 8"</b>
	<b>5' 6"</b>	<b>41 23' 2"</b>
	<b>6' 5 2"</b>	<b>42 23' 8"</b>
	<b>7' 5' 8"</b>	<b>43 24' 2"</b>
	<b>8' 6' 2"</b>	<b>44 24' 8"</b>
	<b>9' 6' 8"</b>	<b>45 25' 2"</b>
	<b>10' 7' 2"</b>	<b>46 25' 8"</b>
	<b>11' 7' 8"</b>	<b>47 26' 2"</b>
	<b>12' 8' 2"</b>	<b>48 26' 8"</b>
	<b>13' 8' 8"</b>	<b>49 27' 2"</b>
	<b>14' 9' 2"</b>	<b>50 27' 8"</b>
	<b>15' 9' 8"</b>	<b>51 28' 2"</b>
	<b>16' 10' 2"</b>	<b>52 28' 8"</b>
	<b>17' 10' 8"</b>	<b>53 29' 2"</b>
	<b>18' 11' 2"</b>	<b>54 29' 8"</b>
	<b>19' 11' 8"</b>	<b>55 30' 2"</b>
	<b>20' 12' 2"</b>	<b>56 30' 8"</b>
	<b>21' 12' 8"</b>	<b>57 31' 2"</b>
	<b>22' 13' 2"</b>	<b>58 31' 8"</b>
	<b>23' 13' 8"</b>	<b>59 32' 2"</b>
	<b>24' 14' 2"</b>	<b>60 32' 8"</b>
	<b>25' 14' 8"</b>	<b>61 33' 2"</b>
	<b>26' 15' 9"</b>	<b>62 33' 8"</b>
	<b>27' 16' 2"</b>	<b>63 35' 7"</b>
	<b>28' 16' 8"</b>	<b>64 36' 8"</b>
	<b>29' 17' 2"</b>	<b>65 37' 2"</b>
	<b>30' 17' 9"</b>	<b>66 37' 8"</b>
	<b>31' 18' 3"</b>	<b>67 38' 3"</b>
	<b>32' 18' 8"</b>	<b>68 38' 9"</b>
	<b>33' 19' 2"</b>	<b>69 39' 4"</b>
	<b>34' 19' 8"</b>	<b>70 39' 9"</b>
	<b>35' 20' 2"</b>	<b>71 40' 3"</b>

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