

***Gaylord Opryland  
Resort & Convention  
Center  
Delta  
Ballroom  
Specifications***

(revised 12/04)

# DELTA BALLROOM

## OVERVIEW

- X Hard walls acoustically treated.
- X Media Matrix computer controlled sound system
- X High quality EAW performance sound system
- X Wide dispersion overhead distributive sound system
- X Built in audio snakes
- X Built in high bandwidth video dry lines
- X Built in DMX control lines
- X Built in Socapex multi cable
- X Fiber Optic links available from control booth to outside world
- X 125 1500 lb permanent rigging points
- X Three independent / combinable lighting systems
  - Stage & Ballroom Performance (240 2.4k & 48 6k Dimmers)
  - Ballroom Overhead Distributive (289 2.4k Dimmers)
  - Ballroom Overhead Architectural
- X Computer controlled stage drapery
- X Roll down seamless cyclorama

**Note: Additional charges will be incurred for use of Ballroom systems.**

**Room Dimensions**

**Entire Ballroom**

- Width 203'
- Length 264' 6"

**Delta A Ballroom**

- Width 203'
- Length 124'

**Delta BCD Ballroom**

- Width 204'
- Length 121' 6"

**Delta B Ballroom**

- Width 68' 6"
- Length 121' 6"

**Delta C Ballroom**

- Width 69' 3"
- Length 121' 6"

**Delta D Ballroom**

- Width 68' 8"
- Length 121' 6"

Ceiling Height (lowest).....	23' 1"
(lowest, typical throughout).....	23' 10"
(highest).....	37'

**Service Corridor (between Delta A & BCD)**

- Width 19'
- Length 204'

**Service Corridor (house left)**

- Width (at narrowest point).....14'
- Length 297' 3"

**Airwalls**

- Width 4"

## Standard Access

### Delta Ballroom Doorways

South Wall House Right (3)

1 @ 2 @

- Height 8' 9" 8' 9"

- Width 6' 10" 6' 3 A

South Wall House Left (3)

- Height 8' 9" 8' 9"

- Width 6' 3" 6' 10"

West Wall (7)

- Height 8' 9"

- Width 5'

East Wall (4)

- Height 8' 9"

- Width 6' 3"

Load-In (1)

- Height 14' 5"

- Width 11' 5"

### Delta B Ballroom Doorways

North Wall (3)

- Height 8' 9"

- Width 5'

East Wall (4)

- Height 8' 9"

- Width 6' 3"

### Delta C Ballroom Doorways

North Wall (3)

- Height 8' 9"

- Width 5'

### Delta D Ballroom Doorways

North Wall (3)

- Height 8' 9"

- Width 5'

West Wall (7)

- Height 8' 9"

- Width 5'

### Delta A Ballroom Doorways

West Hallway (2)

- Height 8' 9"

- Width 5'

East Hallway (2)

- Height 8' 9"

- Width 6' 3"

## Spotlight Ports

### Port Dimensions

- Delta A (2) Stage Left .....	13' 8" x 50'
(2) Stage Right .....	9' 8" x 33' 6"
- Delta B (2) Left Wall .....	9' 8" x 33' 5"
(2) Back Wall .....	12' x 27' 9"
- Delta C (2) .....	11' 9" x 39' 2"
- Delta D (2) Right Wall .....	13' 8" x 50'
(2) Back Wall .....	12' x 27' 9"
- Corridor Between Airwalls (1) Stage Left .....	13' 8" x 15' 5"
(1) Stage Right .....	28' 10" x 8'

### Port Opening Dimensions

- Height 2' 8"
- Width 6'

### Bottom of Port Opening Height Above:

- Ballroom Floor .....	18' 3"
- Port Floor .....	2' 6"
- Top of Port Opening to Ballroom Ceiling .....	2'

## Sound Ports

- Ballroom Floor to bottom of speaker cluster.....18' 10"
- Stage step wall to onstage edge of speaker cluster.....11' 1"

## Prefunction Desks/Bars

### Delta A Registration Desk

Window Openings into Public Space (3)	
Height .....	5' 8"≅
Width .....	7' 10"≅
Port Area .....	15' 8" x 28'
Counter Tops .....	1' 11"W
.....	32" H
Standard Electrical Outlets .....	31

### Delta C Registration Desk

Window Openings into Public Space (2)	
Height .....	5' 8"≅
Width .....	7' 10"≅
Port Area .....	40' 9" x 9' 10"
Counter Space .....	2' 11" x 46'
.....	32" H
Standard Electrical Outlets .....	19
Back of room has Electrical Room with a 200A disconnect.	

### Delta D Registration Desk

Window Openings into Public Space (2)	
Height .....	5' 8"≅
Width .....	7' 10"≅
Port Area .....	40' 5" x 9' 11"
Counter Space .....	1' 11" x 40'
.....	32" H
Standard Electrical Outlets .....	19
1 - 200A Disconnect w/access panel to Ballroom.	

## Ballroom Sound Systems

### EAW Performance System

The Performance System is run by Peavey's Media Matrix Digital Audio System. It is configured as a stereo sound reinforcement system utilizing the overhead distributive speakers to insure complete and even coverage throughout the ballroom.

#### Main Clusters (each Left and Right)

- X 2 EAW KF-662 Biamped mid/high speaker systems
- X 1 EAW TD-415 2 way bass Tuned Dipolar Array

#### Sub Bass (each Left and Right)

- X 2 EAW SB-250 Subwoofer speaker systems

#### Fill Speakers

##### Under Stage

- X 7 EAW UB-82 Passive full range speaker systems

##### Proscenium

- X 3 EAW AS-300e 3-way full range speaker systems

##### Under Catwalk (Delta A)

- X 2 EAW AS-300e 3-way full range speaker systems

Performance system also utilizes the overhead distributive Frazier CAT-40 speaker systems.

#### Amplifiers

- X Crest Audio ACKS series amplifiers with a Nexsys control system

#### System Inputs

- X Left, Right, Fills and Subs can be patched from any ballroom dry line.

#### Snakes

- X 3 24 channel Whirlwind W3 type Mass multi-pin snakes from 4 locations on stage to 2 locations in Delta A Ballroom. A transformer isolated W3 Mass Multi-pin monitor split located stage left. A transformer isolated W3 Mass Multi-pin remote truck split located on Delta A loading dock. XLR breakout snakes available in various lengths.
- X 8 Dry lines XLR Female and Male located in each performance system audio panel.

#### Intercom

- X 2 channel ClearCom common to all audio panels and dressing rooms via 2 XLR Male connectors in each panel
- X 1 KB-111A Speaker Station located on stage left
- X 1 KB-111A Speaker Station located in the Agreen room area

### Overhead Distributive

The Overhead Distributive Sound System components include 99 Frazier ACAT-40" 90E Coverage speaker systems powered by Crest Audio CKS series amplifiers with a Nexsys control system. The system is controlled and integrated to the performance system by Media Matrix digital audio system.

### Wall Panel Inputs

#### Delta A Ballroom (2)

- X 8 Microphone level inputs XLR female input
- X 4 Line level inputs XLR female input
- X 4 Dry lines XLR Female and Male
- X 24 Channel local snake XLR Female and Male

#### Delta BCD Ballroom:

##### Delta B (2)

- X 8 Microphone level inputs XLR female input
- X 4 Line level inputs XLR female input
- X 4 Dry lines XLR Female and Male
- X 24 Channel local snake XLR Female and Male

##### Delta C (2 wall panels, 2 floor panels)

- X 8 Microphone level inputs XLR female input
- X 4 line level inputs XLR female input
- X 4 Dry lines XLR female and male
- X 24 Channel local snake XLR female and male

##### Delta D (2)

- X 8 Microphone level inputs XLR female input
- X 4 Line level inputs XLR female input
- X 4 Dry lines XLR female and male
- X 24 Channel local snake XLR female and male

Note: All dry audio lines terminate in several locations. The use of these dry lines for digital signals is not recommended.

# DELTA A STAGE

## Staging Access

Staging Area Door (exterior-drive thru)

- Height 14' 8"
- Width 12' 1"

Load In Door (Delta A)

- Height 14' 5"
- Width 11' 5"

***Important Note: Load in area height is limited by sprinkler pipe @.....12' 11"***

Stage Lift

- Height (door).....8' 11"
- Width 8' 8"
- Depth 19' 6"
- Rated Load Limit .....10,000 lbs.

***Important Note: When rollup door is closed lift must be in raised position.***

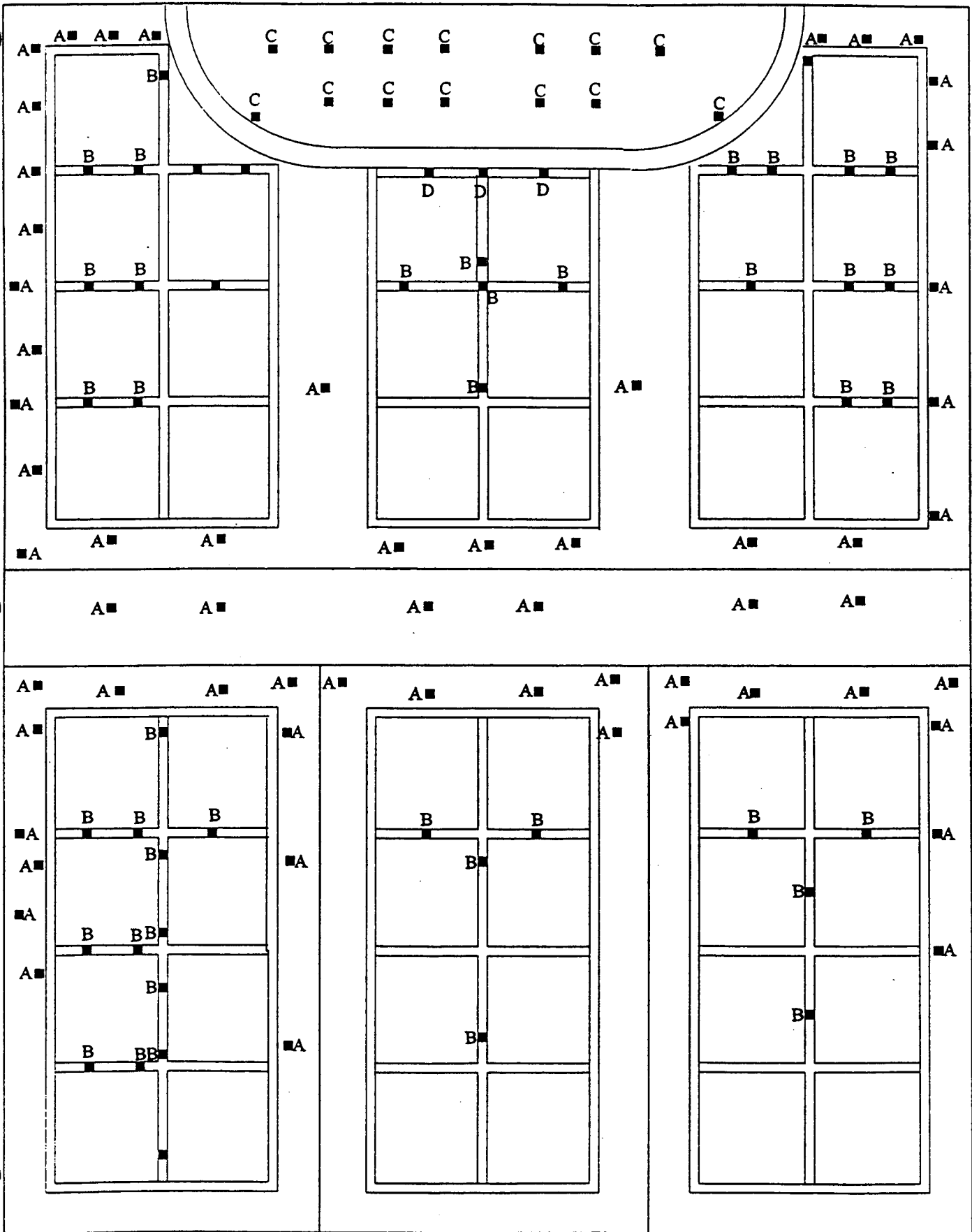
## Dimensions

Stage Height from Ballroom Floor (at center).....	4' 6"
(Stage Left).....	4' 4"
(Stage Right) .....	4' 5.5"
Stage Depth	
- Front Apron to Back of Proscenium.....	6' 1"
- Front Apron to Up-Stage Wall .....	41' 9"
- Back of Proscenium to Up-Stage Wall.....	35' 8"
Wing Space (useable space)	
- Stage Right.....	25' 10"
- Stage Left .....	26' 3"
- Ceiling Height (Lowest Point).....	8' 8"
Stage Floor to Bottom of High Steel (I-Beam).....	20' 11"
Down Stage Columns	
- Front Apron to Back of Column .....	1' 8"
- Back of Column to Proscenium.....	3' 7"
Proscenium Opening	
- Width 64' 3"	
- Height from Stage Floor.....	16' 11"
- Height from Ballroom Floor.....	21' 4"
Catwalk	
- Front Apron to Catwalk .....	32'
- Catwalk Lip to Ballroom floor.....	25' 8"
Walkway behind cyclorama to upstage wall.....	2' 6"

## Drapery

Curtain Type	Distance From Proscenium	Size	Color	Rigging
Valance	0' - 3"	1-Section 70' - 0" W x 3' - 3" H	Green	Motorized
Austrian	1' - 0"	2 - Sections 41' - 0" W x 18' - 0" H	Green	Motorized
Teaser	5' - 3"	1 - Section 80' - 0" W x 4' - 9" H	Black	Dead Hung
Leg	8' - 2"	2 - Sections 5' - 3" W x 18' - 0" H	Black	Dead Hung (Track)
Concert Curtain	11' - 0"	2 - Sections 41' - 0" W x 18' - 0" H	Black/Beige	Motorized
Teaser	11' - 6"	1 - Section 80' - 0" W x 4' - 9" H	Black	Dead Hung
Teaser	16' - 0 A	1 - Section 80' - 0" W x 4' - 9" H	Black	Dead Hung
Legs	19' - 3"	2 - Sections 6' - 8" W x 18' - 0" H	Black	Dead Hung (Track)
Teaser	23' - 0"	1 - Section 80' - 0" W x 4' - 9" H	Black	Dead Hung
Teaser	27' - 0"	1 - Section 80' - 0" W x 4' - 9" H	Black	Dead Hung
Legs	30' - 0"	2 - Sections 5' - 9" W x 4' - 9" H	Black	Dead Hung (Track)
Rear Curtain	33' - 0"	2 - Sections 41' - 0" W x 18' - 0" H	Black	Motorized
Cyclorama	33' - 4"	1 - Section 80' - 0" W x 18' - 0" H	Grey	Motorized Roll-up

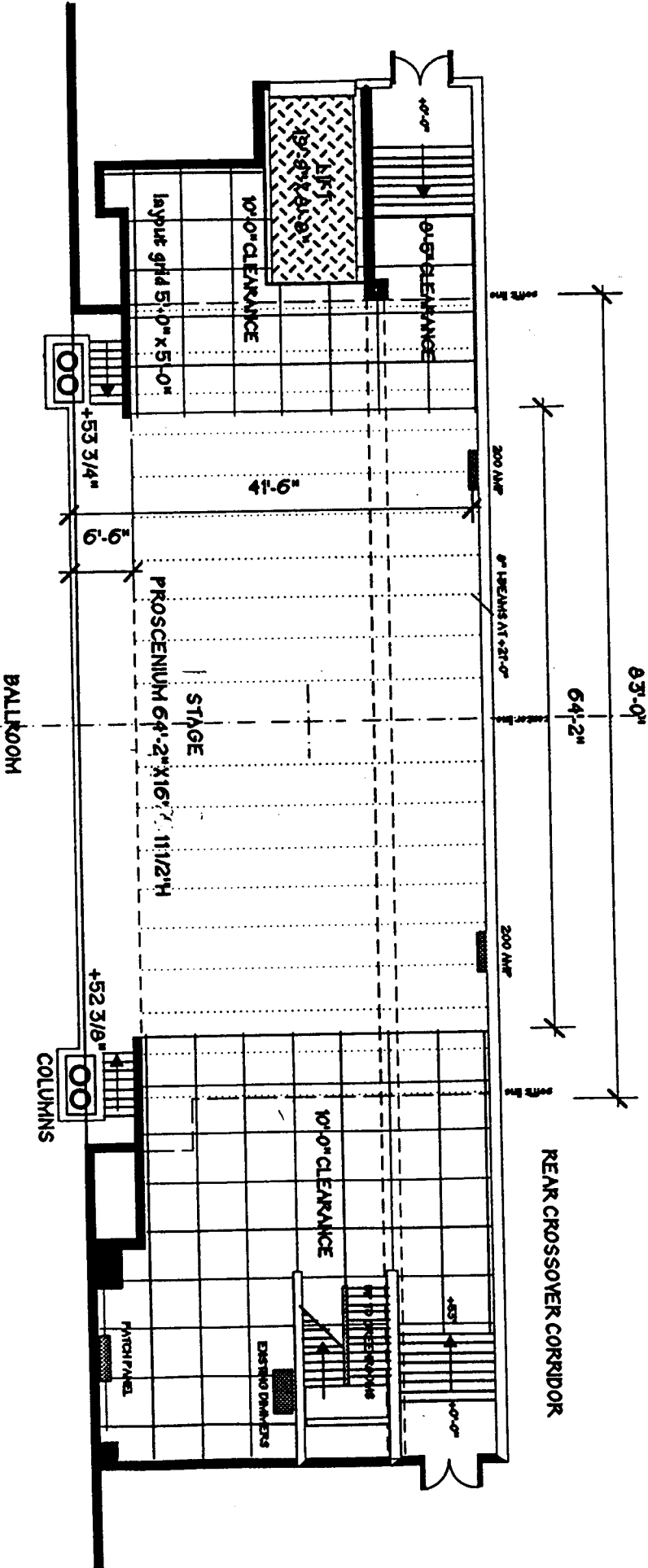
# DELTA BALLROOM PERMANENT RIG POINTS APPROX. LOCATIONS



A = 1500 lb permanent rigging points 22' 10" from the floor  
 B = 1500 lb permanent rigging points 23' 7" from the floor  
 C = 1500 lb permanent rigging points 36' 9" from the floor  
 D = 1500 lb permanent rigging points 22' 2" from the floor

NOT TO SCALE

LOADING DOCK



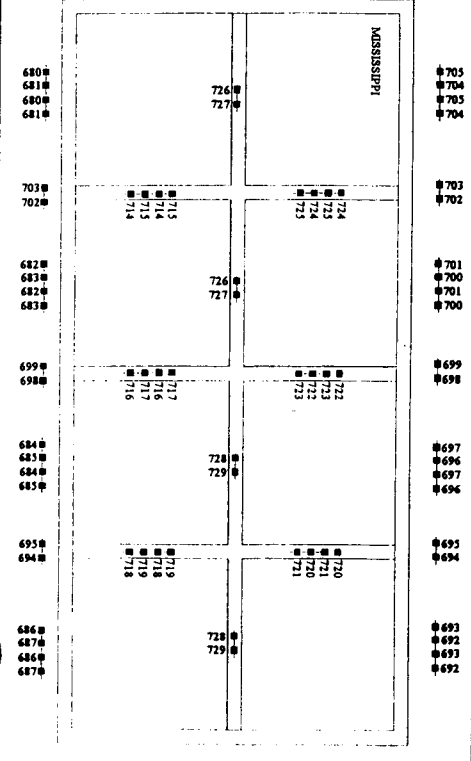
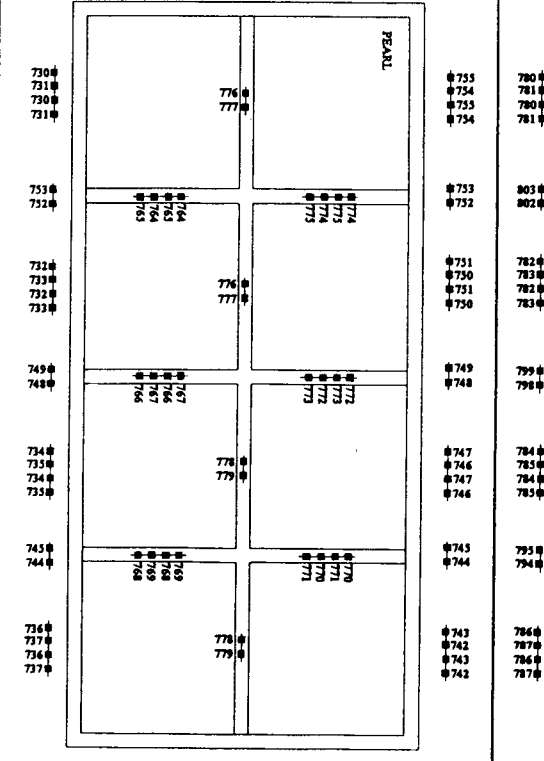
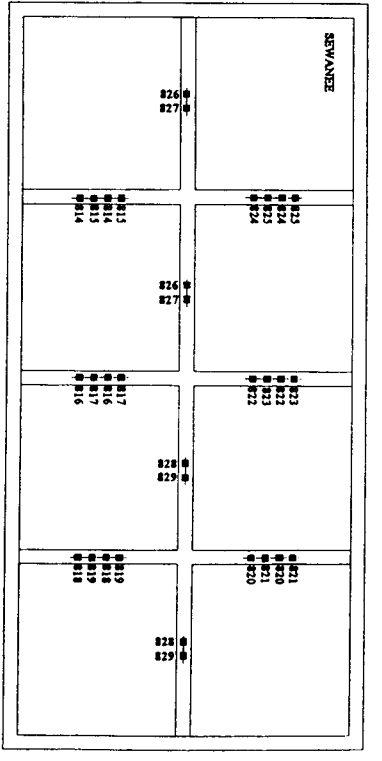
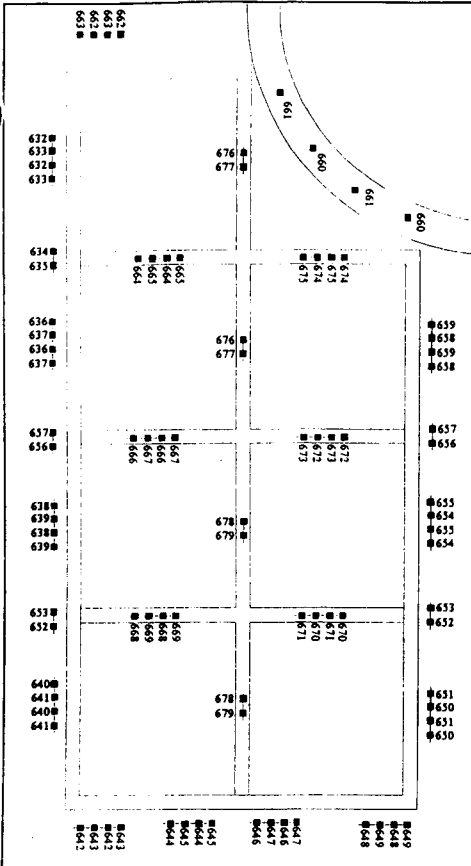
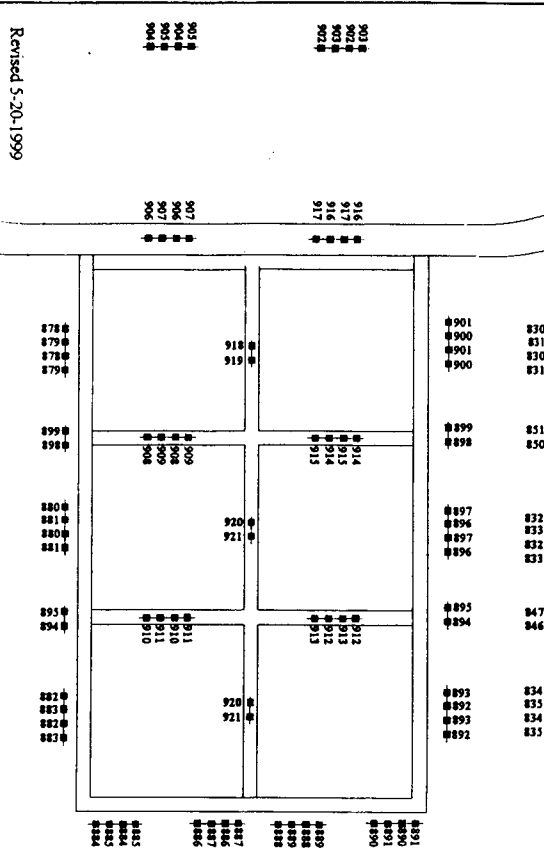
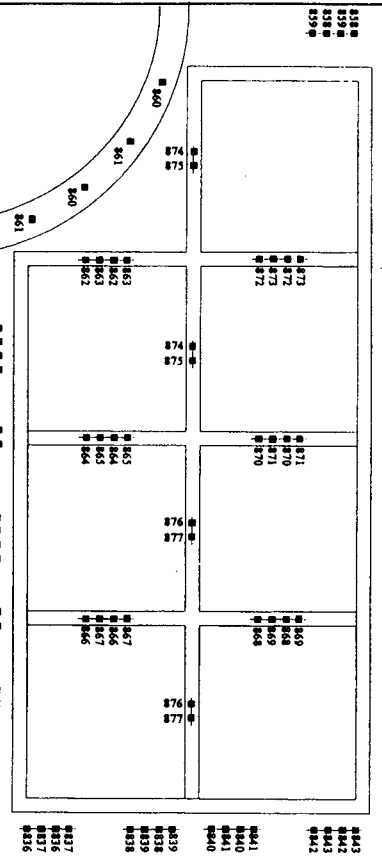
V10 5/15/96

Plan view, Opryland Hotel, Delta Ballroom Stage

scale: 1/16" = 1'-0"



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Revised 5-20-1999

Den Ballroom Overhead Distributive Lighting System - Patching For Console Using Port B Starting At 513

## Electrical/Utilities

### 3 Phase Dedicated

- Down Stage Left (1).....	400 amp
- Down Stage Right (1).....	400 amp
- Up Stage Wall (2).....	200 amp
- Dimmer Beach Stage Left (3).....	300 amp

### Single Phase Dedicated

- Up Stage Wall, (2) 5-Wire (3).....	20 amp
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Cold Water - Stage Left (Approx. 10 gpm).....	90 psi
- 3" Drain located off Stage-Left	

## Dressing Rooms

### Dressing Room #1

- Depth.....	8' 6"
- Width.....	25' 6"

### Dressing Room #2

- Depth.....	17
- Width.....	19' 5"

### Dressing Room #3

- Depth.....	14' 8"
- Width.....	19' 6"

Note: Although these dimensions are considered accurate, they are not guaranteed.  
If exact dimensions / locations are critical to your function, we  
recommend that you contact us and arrange for a personal site survey.

**Opryland Resort & Convention Center  
Delta Ballroom Ceiling Dimmer Numbers  
(For outside production companies.)**

**Delta A:**

Downs 80-89, 111-119  
Wall Wash 1-4, 16-17, 47, 49-54  
Cove 6-10, 48, 58-60, 62-64, 68-69  
Proscenium Shell 74-77  
Wall Carvings 18, 61  
Wall Sconces 70, 72  
Wall Shells 14, 65  
Curtain Warmers 78, 79

**Corridor:**

Downs 12-13, 55-56  
Wall Wash 11, 57, 67

**Delta B:**

Downs 104-110  
Wall Wash 38-46  
Wall Carvings 37  
Wall Sconces 73  
Wall Shell 36

**Delta C:**

Downs 97-103  
Wall Wash 32-34  
Wall Carvings 35  
Wall Shell 27

**Delta D:**

Downs 90-96  
Wall Wash 20-26, 29-31  
Wall Carvings 28  
Wall Sconces 71  
Wall Shell 19

GAYLORD OPRYLAND HOTEL

**DELTA BALLROOM**  
**HOUSELIGHT PATCH**

Revised 9-3-04 JHN139

**DELTA A**

DOWNS: 592 - 601, 623 - 631

WALL WASH: 513 - 516, 528 - 529, 559, 561 - 566

COVE: 518 - 522, 560, 570 - 572, 574 - 576, 580, 581

PROSCENUIM SHELL: 586 - 589

WALL CARVINGS: 530, 573

WALL SCONCES: 582, 584

WALL SHELLS: 526, 577

CURTAIN WARMERS: 590, 591

OVERHEAD DISTRIBUTIVE: 632 - 679(~~HL~~), 878 - 921(HC), 830 - 877(~~HL~~)  
HL HR

**CORRIDOR**

DOWNS: 524, 525, 567, 568

WALL WASH: 523, 569, 579

**DELTA B**

DOWNS: 616 - 622

WALL WASH: 550 - 558

WALL CARVINGS: 549

WALL SCONCES: 585

WALL SHELL: 548

OVERHEAD DISTRIBUTIVE: 680 - 729

**DELTA C**

DOWNS: 609 - 615

WALL WASH: 544 - 546

WALL CARVINGS: 547

WALL SHELL: 539

OVERHEAD DISTRIBUTIVE: 730 - 779

**DELTA D**

DOWNS: 602 - 608

WALL WASH: 532 - 538, 541 - 543

WALL CARVINGS: 540

WALL SCONCES: 583

WALL SHELL: 531

OVERHEAD DISTRIBUTIVE: 680 - 729

ENTIRE DELTA: 513 - 516, 518 - 577, 579 - 631



Unison Light Manager - SKY.CFG

File Edit Room Section Wall Preset Station Zone Help



Room 1



No Color [25, 29, 33, 37, 41, 45, 49, 53]

No Color [30, 34, 38, 42, 46, 50, 54, 102, 106, 110, 114, 118, 122, 126, 130, 226]

No Color [28, 32, 36, 40, 44, 48, 52, 56, 104, 108, 112, 116, 120, 124, 128, 132]

BALLROOM B

BALLROOM C

BALLROOM D

CORRIDOR



Amber [25, 29, 33, 37, 41, 45, 49, 53, 101, 109, 113, 117, 121, 125, 129]



Pink [30, 34, 38, 42, 46, 50, 54, 102, 106, 110, 114, 118, 122, 126, 130, 226]



Blue [28, 32, 36, 40, 44, 48, 52, 56, 104, 108, 112, 116, 120, 124, 128, 132]



No Color [27, 31, 35, 39, 43, 47, 51, 55, 103, 107, 111, 115, 119, 123, 127, 131]

BALLROOM A

For Help, press F1

Unison Light Manager - SKY.CFG

File Edit Room Section Wall Preset Station Zone Help



Room UV's



UV Off



Preset 1



Preset 2



Preset 3



Preset 4



UV-A [1-6, 13-18]



UV-B [7-10]



UV-C [11-12, 19-20]



UV-D [21-24]

70-93

For Help, press F1



Room 1



Off



Preset 1



Preset 2



Preset 3



Preset 4




Preset 5




LCD




Switches




Amber [57, 61, 65, 69, 74, 78, 82]



Pink [58, 62, 66, 70, 75, 79, 83]




Blue [60, 64, 68, 72, 77, 81, 85]




No Color [59, 63, 67, 71, 76, 80, 84]


**BALLROOM D**




Amber [86, 90, 94, 98, 133, 137, 141]



Pink [87, 91, 95, 99, 134, 138, 142]



Blue [73, 89, 93, 97, 136, 140, 144]



No Color [88, 92, 96, 100, 135, 139, 143]


**BALLROOM C**



Amber [145, 149, 153, 157, 161, 165, 169]



Pink [146, 150, 154, 158, 162, 166, 170]



Blue [148, 152, 156, 160, 164, 168, 172]



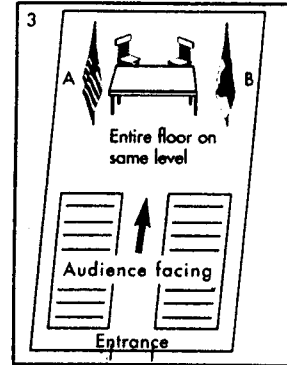
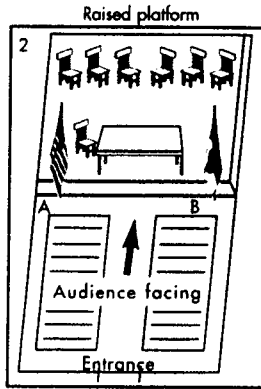
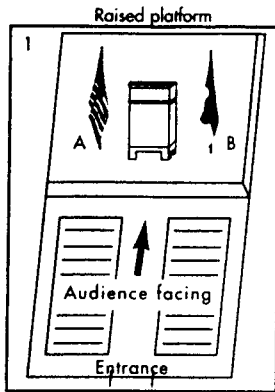
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**BALLROOM B**

**CORRIDOR**

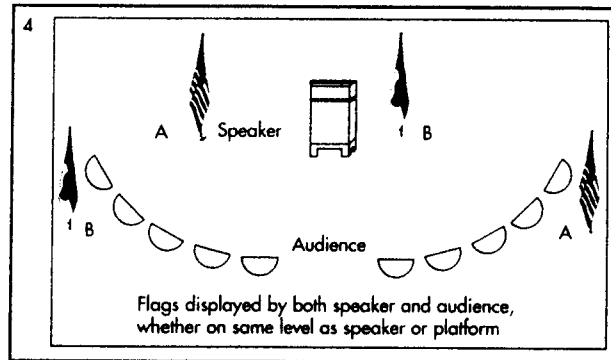
For Help, press F1

# Diagrams of Flag Positions



Note: **A** stands for the national flag; **B** stands for any other flag.

Diagrams 1, 2, 3, and 4 apply to lecture halls, classrooms, club rooms, churches, auditoriums, etc.



# Diagrams of Flag Positions

