

STAGE INFORMATION

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INDEX

STAGE MASKING AND DROPS	page 2
FLY SYSTEM	3
STAGE MASKING AND DROPS	4
Main Curtain Operation	
Masking legs	
Borders	
Black Travellers	
STAGE FLOOR	5
ORCHESTRA SHELL	5
ORCHESTRA PIT LIFTS	5
RISERS AND STEP UNITS	6
Steps	
Specialty stair units:	7
CYC AND SCREENS	7
SCRIMS	7
HANGING SCHEDULE	8 - 10
IMPORTANT	10

FLY SYSTEM

Flys operate from a gallery stage left 15.2m or 50' above stage floor.

There are 10,800 kg/24,000lb. of weights available for use.

A total of 51 counterweight fly-line sets are available:

1-36 single purchase (downstage)

37-55 double purchase (upstage)

Length of pipes - 18.3m or 60'

Loading capacity - 680 kg/1500 lb. per lineset (gross weight)

All pipes can be extended ~10' either end.

Leg pipes are extended to 82' (to edges of fly rails either side).

Pipes 1A, 1B and 2 are very tight. It is suggested that they be used for the hanging of masking or non-flying portals only.

All line sets are numbered on both ends and the centre of the pipe.

Footage markers giving distance from centre line are marked on each pipe.

The first electric pipe is a winch operated from stage right and is situated between Pipes 2 and 3. It has a capacity of 1575 kg/3500 lb.

There are no obstructions in the stage area which would inhibit the movement of stage scenery units (sets).

Note: Centre In The Square provides an operator for all house-owned equipment.

STAGE DIMENSIONS

	metres	feet
Proscenium Opening Max. width	26.80m	88' 0"
Max. height	13.00m	42' 8"
Curtain line to rear wall	14.30m	46' 9"
Curtain line to front of apron	2.25m	7' 6"
Centre stage to stage right wall	18.00m	59' 0"
Centre stage to stage left wall	17.00m	55' 3"
Width of "T" upstage centre	13.90m	45' 7"
Depth of "T" upstage centre	9.50m	31' 0"
Free height stage right wing space	11.90m	39' 0"
Free height stage left wing space	11.90m	39' 0"
Free height in "T" upstage centre	12.20m	40' 0"
Height of bottom of grid from stage floor	26.80m	88' 0"
Maximum flying height	26.60m	87' 4"

STAGE MASKING AND DROPS

Main Curtain Operation

Travel and Guillotine are motorized (variable speed) and controlled at stage level from Stage Right.

The Main Curtain is Deep Red velour

The normal opening is from 12.2m to 15.3m or 40' to 50'.

Masking legs

All Masking Legs, Borders and Travellers are 21 oz. Black Velour. See Page 8 for our normal House Hang. All masking can be moved, if required.

Inventory

All Masking Legs are 35'/10.7m High

- 1 pair - 50' / 15.2m wide
- 1 pair - 34' / 10.36 m wide
- 3 pairs - 25' / 7.6m wide
- 2 pairs - 13'6" / 4.1m wide
- 6 pairs - 8'6" / 2.6m wide

Borders

#	Width		Height		
	Ft.	Metres	Ft.	Metres	
3	90	27.43	20	16.1	House Hang
1	90	27.43	15	14.6	House Hang
1	80	24.38	20	6.1	
1	40	18.30	9	2.7	
1	75	22.86	9	2.7	

The Basic Hang is indicated on the DXF floor plan and Line Set Schedule (p.8)

Black Travellers

Two black travellers, 10.7m/35' high by 18.3m/60' wide, are included in the House Hang. They are normally hung on pipes 24 and 53.

Two other Black Backings are normally hung on Pipes 38 and 55.

STAGE FLOOR

Our stage floor is constructed of 21mm/7/8" thick hard maple over a double layer of 19mm/3/4" plywood resting on 50mm/2" x 76mm/3" sleepers on 406mm/16" centres. The sleepers rest on 10mm/3/8" resilient rubber pads over a concrete floor.

The stage floor is very smooth and is surfaced with a black polyurethane material called Aquatech. It is appropriately marked as to curtain line, centre line, fly line locations, etc.

Nails and stage screws may only be used on this floor if appropriate pilot holes are drilled. The Theatre possesses a large number of stage weights and sand bags which can be used to help keep flats, jacks, etc. in place.

ORCHESTRA SHELL

The orchestra shell ceiling consists of 4 pieces which hang in the stage tower and can be lowered from a storage position just under the grid to approximately 13.7m/45' above the stage floor and tilted flat to seal off the entire stage fly tower. Permanent down lights are mounted in the ceiling pieces.

Concert ceiling pieces are permanent and cannot be removed or used for hanging.

The walls of the shell are constructed by moving the required number of air-castered stage towers into the desired position. The stage towers store in an off stage left storage area when not in use and in no way interfere with the size of the stage dimensions given above

ORCHESTRA PIT LIFTS

There are 2 orchestra pit lifts which can be used as orchestra pit, stage or seating.

The upstage lift is approximately 20m/65' wide and 5m/16'6" across (112 seats when used for auditorium seating).

The downstage lift is approximately 22m/72' wide and 4.5m/14'9" across (128 seats when used for auditorium seating)

RISERS AND STEP UNITS

MODULAR RISER DECKS

Number	Size
48	4' X 4'
24	4' X 8'
8	4' X 30 ⁰
2	8' X 30 ⁰ angle wedges

All of the above are manufactured to roto-lock together.

LEGS FOR MODULAR DECKS

All legs are in 8" increments ranging from 8" to 48".
A limited number of 4" legs are also available.

RISER MASKING

Black skirts are available to mask the risers.

FOLDING WOOD-FRAME RISERS

Number	Size
8	48"
8	56"
8	64"

Non-folding risers:

Number	Size
4	8" x 1' x 8'
8	8" x 2' x 8'
6	8" X 4' x 8'
These units can be attached together and castered to create wagons	

Steps - 8" rise/12" tread

Steps	Number	Width
1 step	2	41"
	5	48"
2 step	4	36"
	2	41"
	2	48"
3 step	2	41"
	2	48"
4 step	2	41"
	2	48"
5 step	2	45"
	2	48"
6 step	2	45"
7 step	2	45"

SPECIAL STAIR UNITS

Our normal F.O.H. access steps are at centre.

Other steps from audience to stage as necessary.

CYC AND SCREENS

A Gerriets Procyc 'Opera' cyclorama 10m/34' high by 21.3m/70' wide is normally hung on pipe 54. It is also suitable for front or rear projection

We also have 1@15' X 20' and 2@9' X 12' screens with front- and rear-projection surfaces.

SCRIM

1 black scrim 10.7m/35' high by 21.3m/70' wide, normally hung on pipe 37.

LINE SET SCHEDULE

PIPE #	Distance		PIECE	DIMENSION	WEIGHT	HOUSE HANG
	FT/IN	METRES				
Grand Drape						
Main Curtain						
	0' 0"	0.00				
0	0' 6"	0.15				
1a	1' 9"	0.53				Framing Border (95'w x 20d')
1b	2' 0"	0.61				Framing Legs (34'w x 35h')
2	2' 5"	0.74				
LX	3' 1"	0.94	<i>1st Lx Winch Operated</i>			
3	4' 2"	1.27				
#1 Concert Ceiling Panel						
5	6' 0"	1.83				
6	6' 9"	2.06				
7	7' 7"	2.31				Screen (15' x 20' -House)
8	8' 4"	2.54				
9	9' 1"	2.77				#1 Border (90'w x 20'd)
10	9' 9"	2.97				#1 Legs (25'w x 35'h)
11	10' 6"	3.20				
12	11' 4"	3.45				
13	12' 0"	3.66				
14	12' 9"	3.89				
15	13' 5"	4.09				
16	14' 1"	4.29				
17	14' 9"	4.49				Truss Border
18	15' 5"	4.70				
LX Truss						
19	16' 7"	5.05				
#2 Concert Ceiling Panel						
21	18' 9"	5.71				#2 Border (90'w x 20'd')
22	19' 6"	5.94				#2 Legs (25'w x 35'h')
23	20' 3"	6.17				
24	20'11"	6.38				Mid-Stage Traveller (60'w x 35'h)
25	21' 9"	6.63				
26	22' 6"	6.86				
27	23' 3"	7.09				
28	24' 1"	7.34				
29	24'10"	7.57				Audio Monitors(House)
30	25' 6"	7.77				
31	26' 3"	8.00				
32	27' 0"	8.23				

33	27' 9"	8.46			
<i>#3 Concert Ceiling Panel</i>					
35	29'10"	9.09			#3 Border (90'w x 15'd)
36	30' 8"	9.35			#3 Legs (25'w x 35'h)
37	31' 6"	9.60			Black Scrim (70'w x 32'h)
38	32' 3"	9.83			BFL (50'w x 35'h)
39	33' 0"	10.06			
40	33' 9"	10.29			
42	35' 1"	10.69			Cyc Electric
43	35'10"	10.92			
44	36' 6"	11.13			
45	37' 3"	11.35			Screen (9' x 12' - House)
46	38' 0"	11.58			
47	38' 9"	11.81			#5 House LX
48	39' 9"	12.12			
<i>#4 Concert Ceiling Panel</i>					
50	41' 6"	12.65			#4 Border (80'w x 20'd)
51	42' 1"	12.83			
52	42'10"	13.06			#4 Legs (15'w x 35'h)
53	43' 7"	13.28			Up-Stage Traveller (60'w x 35'h)
54	44' 5"	13.54			Cyclorama (70'w x 34'h)
55	45' 2"	13.77			BFL (50'w x 35'h)

IMPORTANT:

Hard hats and safety shoes must be worn by anyone on-stage while work is being done overhead or when deemed necessary by the Head Carpenter. This includes all personnel travelling with the production being set up.