

McCALLUM CARPENTRY SPECIFICATIONS

updated February 18, 2015

A. RIGGING

Catwalk height from stage floor 40'
Grid height from stage floor 79'
Grid is Gary Grating GW175 1-3/4" x 3/16"
Concentrated Load = 800 psf Live Load
Lines can be spotted at any point over stage.
To insure seismic safety, multiply all loads by a factor of 3.

There are pin rails on both sides of stage at catwalk height, 40', and there is a pin rail at the counterweight locking-rail SR at stage level.

Two (2) self-climbing battens, with a travel of 45', are used for light ladders, 36.5' from center, SR and SL.

65 Grosh Scenic Studios (Tru-Roll) single-purchase, T-bar counterweight line sets controlled by lock rail at stage level SR.

All counterweight line sets are 63'0" battens on seven (7) lines, underhung above the grid from ceiling "I" beams on 10' centers. Low trim of each batten is 4'0" and high trim is 76'0". Each line set has a maximum load capacity of 1,200 lbs. Each batten can be extended 6' at both ends, for a maximum length of 75'0".

Normal pipe weight = 132 lbs.
Total weight inventory: (200) - 5"x 13"x 1" @ 18 lbs. = 3,600 lbs.
(1,400) - 5"x 13"x 2" @ 33 lbs. = 46,200 lbs.

A capstan winch is available at the locking rail for assistance in loading.

B. THEATRICAL SOFT GOODS AND STAGE DRAPERIES

For standard use the stage is set with full stage arrangement of black 20-oz. velour masking drapes, Main curtain, black or Cyc backdrop.

The Main curtain is a Guillotine type curtain with center opening.

QTY - ITEM

SIZE - NOTES

(1) -	Moleskin House Main Curtain Two(2) 35'3"H x 34'W panels - center opening, 100 % fullness, black denim lining, 25 oz. velour
(1) -	Eggplant Concert Curtain Two (2) 35'3"H x 34'W panels - center opening, 100 % fullness, no lining, 25 oz. velour
(10) - Black Legs	35'3"H x 6'W
(20) - Black Legs	35'3"H x 12'W
(4) - Black Panels	35'3"H x 32'W
(2) - Black Borders	7'0"H x 70'W
(8) - Black Borders	15'0"H x 70'W
(1) - Black Blackout Drop/Border	35'3"H x 60'W
(9) - Zetex Flameproof Borders	2'6"H x 10'W

- (12) - Zetex Flameproof Borders 2'6"H x 20'W
- (1) - Black shark's tooth Scrim 35'3"H x 60'W
- (1) - Natural Muslin Cyclorama 35'3"H x 60'W
- (1) - Stage Right masking (rail) 35'3"H x 33'W (Walking Traveler)
- (1) - Stage Left masking (Alcove) 35'3"H x 24'W (Walking Traveler)

C. PORTABLE FLOORING AND RISERS

“Harlequin” reversible vinyl dance flooring, choice of black or gray 50' x 40'

“Wenger” Platform System

(56) - platforms, 4'x 8'

(10) - platforms, 4'x 4'

With leg options: 8", 16", 24", 32", 40", and 48"

(6) - Wenger Concept II (3 tiers) Choral Risers with, 4th. step option,
(cap:12-18 each)

(2) - Carpeted Conductor's Podiums

D. SCENIC SHOP

The shop is equipped with portable power tools, wood working equipment, welders, and metal cutting tools and is set up for maintenance.

E. PERSONNEL ELEVATION DEVICES

(2) - 36' Genie man lift - Battery powered

Assorted stepladders: 6', 8', and 12'

F. MATERIAL HANDLING DEVICES

(1) - Johnson Lift electric forklift 3,000 lb. capacity, 14' lift

(6) - Four-wheel furniture dollies

(1) - Pallet dolly

G. TRACK LIFT

There is one (1) one-ton rolling chain motor on an "I" beam, which starts at the Loading Door, and runs the length of the Tech Services area.

H. LIVE STAGE STORAGE

SL Alcove storage - (19'x 28')

Tech Services Storage USC - 2,500 square feet

I. HOUSE HANG PLOT

PLEASE NOTE: The following batten listing is an example of the standard House Hang. All battens can be reassigned as desired, including all the electrics. A current hang plot is available on request.

	Set #	Show Hang	Weight in lbs.		Set #	House Hang	Move To Set
0'6"	1	House Curtain		0'6"	1	House Curtain	
1'0"	2			1'0"	2	# 1 Border	
1'6"	3			1'6"	3	# 1 Legs	
2'0"	4			2'0"	4		
2'6"	5			2'6"	5	# 1 Electric	
3'0"	6			3'0"	6		
3'6"	7			3'6"	7	# 1 Orchestra Ceiling	
4'0"	8			4'0"	8		
4'6"	9			4'6"	9	# 2 Electric	
5'0"	10			5'0"	10		
5'6"	11			5'6"	11		
6'0"	12			6'0"	12		
6'6"	13			6'6"	13		
7'0"	14			7'0"	14		
7'6"	15			7'6"	15	# 2 Border	
8'0"	16			8'0"	16	# 2 Legs	
8'6"	17			8'6"	17	#2 Leg ("Plaid")	
9'0"	18			9'0"	18		
9'6"	19			9'6"	19		
10'0"	20			10'0"	20		
10'6"	21			10'6"	21		
11'2"	22			11'2"	22	# 3 Electric	
11'10"	23			11'10"	23	(muled set)	
		Orchestra Ceiling (Truss)				Orchestra Ceiling (Truss)	
13'10"	24			13'10"	24		
14'6"	25			14'6"	25	# 3 Border	
15'0"	26			15'0"	26	# 3 Legs	
15'6"	27			15'6"	27	Black Traveler	
16'0"	28			16'0"	28		
16'6"	29			16'6"	29		
17'0"	30			17'0"	30		
17'6"	31			17'6"	31	# 4 Electric	
18'0"	32			18'0"	32		
18'6"	33			18'6"	33		
19'0"	34			19'0"	34		
19'6"	35			19'6"	35		
20'0"	36			20'0"	36		
20'6"	37			20'6"	37		
21'0"	38			21'0"	38		
21'6"	39			21'6"	39	# 4 Border	
22'0"	40			22'0"	40	# 4 Legs	
22'6"	41			22'6"	41	Blackout Drop	
23'0"	42			23'0"	42		
23'6"	43			23'6"	43		
24'0"	44			24'0"	44	# 5 Electric	
24'6"	45			24'6"	45		
25'0"	46			25'0"	46		
25'6"	47			25'6"	47		
26'0"	48			26'0"	48	# 6 Electric	
26'7"	49			26'7"	49		
27'3"	50			27'3"	50	# 5 Border (muled set)	
		Orchestra Ceiling (Truss)				Orchestra Ceiling (Truss)	
29'5"	51			29'5"	51	# 5 Legs	
30'0"	52			30'0"	52	Black Scrim	
30'6"	53			30'6"	53		
31'0"	54			31'0"	54	# 7 Electric	
31'6"	55			31'6"	55		
32'0"	56			32'0"	56		
32'6"	57			32'6"	57		
33'0"	58			33'0"	58		
33'6"	59			33'6"	59	Split Black	
34'0"	60			34'0"	60	# 6 Legs	
34'6"	61			34'6"	61		
35'0"	62			35'0"	62		
35'6"	63			35'6"	63		
36'0"	64			36'0"	64	Cyc	
36'6"	65			36'6"	65	Eggplant	

* Back of Smoke Pocket is 1'0" D.S. of Set # 2

* Back Wall is 41'6" U.S. from Back of Smoke Pocket