

McCALLUM CARPENTRY SPECIFICATIONS

updated February 18, 2018

A. RIGGING

Catwalk height from stage floor 40'
Grid height from stage floor 79'-11"
Grid is Gary Grating (Subway) 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) 20" Box Truss, with a travel of 70', 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 78'0". Each line set has a maximum load capacity of 1,200 lbs. Each batten can be extended 5' at both ends, for a maximum length of 73'0".

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
(4) - Black Legs	35'H x 6'W
(20) - Black Legs	35'H x 12'W
(4) - Black Panels	35'H x 32'W
(2) - Black Borders	7'0"H x 60'W
(8) - Black Borders	15'0"H x 60'W
(1) - Black Blackout Drop/Border	35'H x 60'W
(9) - Zetex Flameproof Borders	2'6"H x 10'W

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|-----------------------------------|---------------|--------------------|
| (12) - Zetex Flameproof Borders | 2'6"H x 20'W | |
| (1) - Black shark's tooth Scrim | 35'H x 60'W | |
| (1) - Bleach White Cyclorama | 35'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. BEAM TRAVELER LIFT MOTOR

There is two (2) one-ton rolling chain motor on an "I" beam, which starts at the Loading Door, and runs the length of the Tech Services area.

There is also one (1) One-ton Rolling chain motor on an "I" beam in the stage left alcove.

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.

The McCallum Theatre Hang Plot

as of 8/17/2026

	Set #		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		
3'0"	6				3'0"	6		
3'6"	7	# 1 Orchestra Ceiling			3'6"	7	# 1 Orchestra Ceiling	
4'0"	8				4'0"	8		
4'6"	9				4'6"	9	# 1 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		
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	# 2 Electric (muled set)	
11'10"	23				11'10"	23		
Orchestra Ceiling (Truss, Bottom trim 58'4")					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	Blackout Drop	
16'0"	28				16'0"	28		
16'6"	29				16'6"	29		
17'0"	30				17'0"	30		
17'6"	31				17'6"	31	# 3 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	Split Black	
23'0"	42				23'0"	42		
23'6"	43				23'6"	43		
24'0"	44				24'0"	44	# 4 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	# 5 Electric	
26'7"	49				26'7"	49		
27'3"	50				27'3"	50	# 5 Border (muled set)	
Orchestra Ceiling (Truss, Bottom trim 58'4")					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		
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	# 6 Electric	
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	Up Stage Black	
* Back of Smoke Pocket is 1'0" D.S. of Set # 2					*Edge of Apron is 6' DS of 0'0"			
* Back Wall is 41'6" U.S. from Back of Smoke Pocket								