

**Mercyhurst College
501 East 38th Street
Erie, PA 16546**

Technical Specifications

Mary D'Angelo Performing Arts Center

Revision 1/04/2010

Mary D'Angelo Performing Arts Center

TELEPHONE NUMBERS

Main Office	(814) 824-3000
Box Office	(814) 824-3000
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Production Manager	(814) 824-3381
Technical Manager	(814) 824-3304
Website	pac.mercyhurst.edu

DIRECTIONS

From I-90 Exit 27 (State Street Exit), take Rt. 97 North for one mile to Jct. 505. Fork right and continue on Rt. 97 (Old French Rd) to East 38th Street. (VA Hospital on left). Turn right on 38th; proceed four blocks East to Mercyhurst College. Enter through the iron gates. Large trucks and busses should continue one block beyond the main entrance gates on 38th and instead turn right on Briggs Avenue. Slow down at the curve; the driveway on the right, just past the Mercyhurst Bookstore, leads to the Mary D'Angelo Performing Arts Center.

STAGE DOOR AND LOAD-IN DOOR

The Stage Door and Load-in door are on the south side of the building at street level, just past the main theater entrance. Stage Door is blue and clearly marked.

Both doors are at street level and a ramp or lift gate is required.

There is no loading dock.

The load-in is from the stage-right side. The push is 60' (18 m) to center stage.

BUS AND TRUCK PARKING

Access to the load-in door is free from permanent obstructions. However, larger trucks and busses will have to negotiate through the parking lot. Trucks over 30' long block traffic and will have to move from the door after the truck is off-loaded.

STAGE HOUSE DIMENSIONS

Proscenium Width	45'	13.7 m
Proscenium Height	24'	7.3 m
Stage Depth	38'	11.6 m
Stage Left Wing	15'	4.6 m
Stage Right Wing	18'	5.5 m
Ceiling	51'	15.5 m

NOTE: There is no Grid

STAGE DECK

The deck is 2 layers of 1/2" plywood over concrete. The wooden deck extends 34' (10.4 m) left and right from centerline and 33' (10.1 m) upstage from pit apron.

The deck is not sprung.

For an additional charge, a 56' wide by 36' (17.1 m x 10.9 m) deep sprung dance floor is available and can be installed over the existing deck.

Wing floors are concrete and level with wooden deck.

STAR DRESSING ROOMS

There are two dressing rooms immediately off of stage right that can accommodate up to four people. Each dressing room has a private bathroom and shower.

The dressing rooms do not have telephone or computer service.

ENSEMBLE DRESSING ROOMS

Two ensemble dressing rooms are located one flight down in the basement. Stairs to the dressing rooms are located off of stage right and upstage left. **There is no elevator.** The men's dressing room will accommodate 15 performers; the women's dressing room will accommodate 30 performers. Each room has bathroom and shower facilities.

GREEN ROOM

There is a "green room", multi-purpose space, located in the basement next to the ensemble dressing rooms. This room is suitable for the use of a practice space for rehearsals, catered dinners, etc. Within the Green Room is a laundry room.

There is no elevator.

The star and ensemble dressing rooms, as well as the green room are equipped with a two-way intercom (ClearCom) system which can communicate with the sound booth, backstage and other areas throughout the building

COMPANY SWITCH/POWER TIE-IN

Bare wire tie-in (5 wire 3 phase) is available in the electrical vault below stage right. A minimum of 50' (15 m) of feeder cable is required.

600 amp service disconnect is shared with stage dimming system.

There is not a separate disconnect for sound power.

FLY SYSTEM

Fly system is a Single Purchase Counter Weight System.

Locking rail is located at deck level on stage left.

Load floor is accessed via a steel ladder on upstage left wall.

Rigging is under hung from steel.

There are 5 spot lines on each side of the stage.

Low Trim	6' (2 m)
High Trim	46' (14 m)

NOTE: Proscenium height is 24'

There is no grid.

There is no pin rail

LINE-SET SCHEDULE

Line #	Ft.	In.	Meters	Description
1	1	6	0.46	MAIN VALENCE
2	2	2	0.66	MAIN CURTAIN
3	3	6	1.07	1 ELECTRIC
4	4	10	1.47	Border
5	5	6	1.68	SCREEN
6	6	2	1.88	1 SHELL
7	7	6	2.29	
8	8	10	2.69	
9	10	2	3.10	1 Border
10	10	10	3.30	1 Legs
11	12	2	3.71	2 ELECTRIC
12	13	6	4.11	2 SHELL
13	14	2	4.32	
14	14	10	4.52	
15	15	6	4.72	
16	16	2	4.93	
17	16	10	5.13	
18	17	6	5.33	2 Border & 2 Legs
19	18	2	5.54	2 LEG BLACK TRAVELLER
20	21	6	6.55	3 ELECTRIC
21	22	10	6.96	
22	23	6	7.16	3 SHELL
23	24	2	7.37	
24	25	6	7.77	
25	26	2	7.98	3 Border
26	26	10	8.18	3 Legs
27	27	6	8.38	
28	28	2	8.59	
29	29	6	8.99	4 ELECTRIC
30	30	10	9.40	
31	31	6	9.60	
32	32	2	9.80	
33	32	10	10.01	
34	33	6	10.21	4 Legs
35	34	2	10.41	
36	34	10	10.62	4 Border
37	35	6	10.82	CYCLORAMA
38	36	2	11.02	FULL BACK

NOTES: Distances are upstage from plaster line.

Items marked in **CAPS** and **BOLDFACE** type is permanent and cannot be moved.

LIGHTING SYSTEM

Control: ETC ION CONSOLE (300 channels / 20 Sub-masters)

Dimming: Strand CD80 (190 X 2.4KW)

Signal: DMX-512 ports located stage right, FOH mix position and projection booth

Circuits:

FOH Bridge	30	1 through 30
#1 Box Boom Right	12	31 through 43
#1 Box Boom Left	12	44 through 56
#2 Box Boom Right	7	57 through 63
#2 Box Boom Left	7	64 through 70
#1 Electric	30	71 through 100
#2 Electric	30	101 through 130
#3 Electric	30	131 through 160
#4 Electric	30	161 through 190

Instruments :

2	10°	ETC Source Four
18	19°	ETC Source Four
75	26°	ETC Source Four
70	36°	ETC Source Four
16	50°	ETC Source Four
60	PAR	ETC Source Four
12	14''	Altman Scoops
6	3 cell	Strand Iris- 3 Cyc. Lights (1KW. Halogen)
6	3 cell	Altman Ground Row Cyc. Lights (1 KW. Halogen)
2		Phoebus followspots

Cable:

The Performing Arts Center has an assortment of 2P&G stage cable in 5', 10', 15', 20', 25', and 50' lengths (1.5 through 5 m)

COMMUNICATION SYSTEM

There are dual-channel Clear-Com ports throughout the facility. Belt-packs and headsets are shared between the Performing Arts Center and Taylor Little Theater

7 Single Channel belt-packs with single muff headsets

2 Dual Channel belt-packs with single muff headset

SOUND SYSTEM

Loudspeakers

The FOH system is a distributed system consisting of a main cluster with pit-railing speakers, and a delay cluster and delayed under-balcony speakers.

The monitor system offers two channels of signal fold back. Channel one is hardwired to two wall mounted speakers (one in each wing for side-fill). Channel two is available for one on stage mix.

All speakers are JBL. All amps are Crest CA and CKV series.

Mixing Consoles

FOH Mackie 8 Bus Series (32 x 8 x 2)

Backstage left Mackie VLZ Series (14 x 2)

Signal Processing

All signal processing is performed by a digital signal processor. (Peavy Media Matrix) Changes cannot be made to the DSP.

Hard-wired microphone lines

There are 24 hard-wired mic lines from the stage to the FOH mix position. They are distributed in groups of six at each corner of the stage.

There are 6 hard-wired microphone lines from the orchestra pit to the FOH mix position.

There are 5 hard-wired microphone lines from the orchestra pit to the Backstage Left mixer.

There are 4 hard wired microphone lines from the FOH catwalk to the FOH mix position.

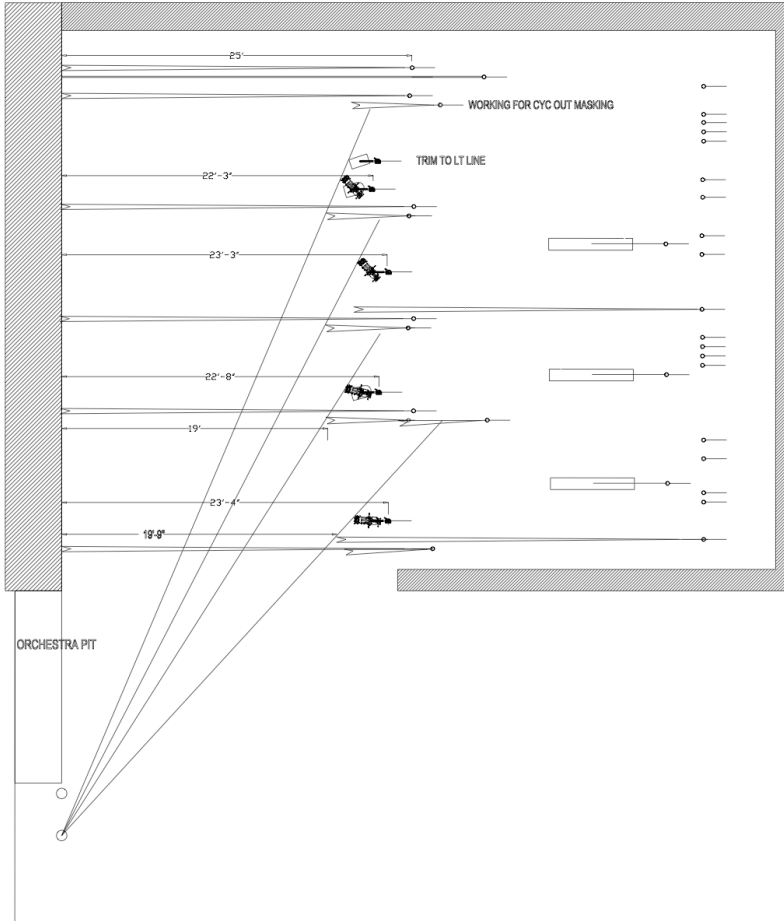
There are NO return channels in the hard-wired system.

ADDITIONAL SOUND EQUIPMENT

ITEM	QTY	DESCRIPTION
Speakers	2	EAW -- LA-325 Loudspeaker
	2	JBL -- Cabaret Loudspeaker
Amplifiers:	1	Crest -- CA-9 Two channel stereo amplifier
	1	Crown -- XXX Two channel stereo amplifier
Processing:	1	Rane -- ME-15B Two channel graphic equalizer
Microphones:	7	Shure -- SM-57
	6	Shure -- SM- 58
	2	Shure -- SM 48 LC
	3	AKG -- WMS-81 Wireless Microphones
	3	Audio Technica -- Uni-Plate PZM condenser microphones
	2	AKG -- C 100-B/CK 61 Cardioid Microphones (Permanently mounted FOH)
	3	Audio Technica -- XXX Condenser Microphones
	6	Audio Technica -- AEW R-4100 wireless units with handheld and lavalier Microphones
	Asst.	XLR Microphone cables 5, 10, 25 & 50 Ft. Len. (1.5 through 15m)
Playback	1	Tascam -- CDRW-2000 CD Player/Recorder
Monitor:	4	Rhenkus-Heinz -- XXX 9'' Wedge Speakers
	Asst.	Neutrick -- Speakon Speaker cables 25, 50, 100 Ft. Len. (7.5 through 30.5m)

VIDEO AND PROJECTION SYSTEM

(Information coming soon)



LINESET	DESCRIPTION	HEIGHT
38	FULL STAGE BLACK FULLNESS	35'-0"
37	SCAMMERS CYC (INTERNAL)	30'-2"
36	BLACK SERVICE TOWER ROOM	34'-6"
35	#1 LEGS	33'-0"
34	#1 BORDER	33'-0"
33		33'-0"
32		31'-3"
31		31'-3"
30		30'-7"
29	#5 ELEC. (CYC STRIPS)	29'-2"
28	#1 ELEC.	27'-10"
27	#1 ELEC.	27'-2"
26	#1 LEGS	26'-11"
25	#1 LEGS	25'-11"
24	#1 BORDER	25'-0"
23	#1 CLOUD	22'-10"
22	#1 CLOUD	22'-0"
21	#1 ELEC.	21'-3"
20		
19	MID STAGE BLACK TRAVELER	16'-7"
18	#2 LEGS	17'-11"
17	#2 BORDER	17'-3"
16		16'-7"
15		15'-11"
14		15'-3"
13	#2 CLOUD	14'-7"
12	#2 CLOUD	13'-0"
11	#1 ELEC.	12'-6"
10	#1 LEGS	11'-4"
09	#1 BORDER	10'-6"
08		8'-3"
07		7'-11"
06	#1 CLOUD	6'-6"
05	MOVIE SCREEN	6'-0"
04	SCREEN BORDER	5'-0"
03	#1 ELEC.	4'-2"
02	MAN CURTAIN (RED)	2'-6"
01	VALANCE & PORTAL LEGS (RED)	2'-0"
00	PLASTER LINE	0'-0"

LINESET SCHEDULE

NOTES:

1. TRIM BORDERS AS NOTED
2. TRIM ELECTRICAL TO SIGHT (DIMAS AS GUIDES)

D'AMICO PERSE, ARTS CTR., Mercyhurst College	
ERIE, PA. 16546	
STAGE SECTIONAL THRU CENTRALLINE	
date: 01/22/2010	scale: 1/4" = 1'-0"
Drawn:	
dwg: B. Shinnick: 412-521-2245	
2 of 2 SHEETS	