

Ilfeld Auditorium Technical Information  
www.nmhu.edu

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Office located on NMHU campus, Media Arts West, studio 103.

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**Seating Capacity:**

Floor: 295

Balcony: 424

Total Capacity: 719

**Stage Information:**

Type: Proscenium

Floor: Matte black finish.

Stage traps: 9' wide (SR-SL) x 3' 7" deep (US-DS)

14" SL of C

DS edge of trap 23'9" from plaster line

Trap to Green Room Floor 9'4"

**Width:**

Wing to wing: 56' 3"

Proscenium Opening: 33' 10"

CS to SR Wall: 39' 9"

CS to SL Wall: 26' 6"

**Depth:**

Plaster Line to US Wall: 30' 9"

Apron Lip to Plaster Line: 10' 6"

Apron Lip to US Wall: 41' 3"

**Height:**

Stage Floor from House Floor (at C Apron edge): 3'8"

Proscenium Height: 23' 3"

Maxium Batten Height: 37' 3"

**Apron:**

Shape: rectangular

Width: 35' 9"

Depth: 10'6"

**Pit:**

Access: Through green/dressing rooms (located downstairs SL)

Note: Orchestra pit is semi-permanently covered by the apron.

**Best Position to "Call Show":**

Stage Left or Stage Right Wing. ClearCom hookups SL and SR.

**Power:**

200 amps of 208 Volt 3 phase located in the down stage left wing.

All cam connectors are female.

### Sound Control:

Control Booth is located rear house left with removable windows. A temporary mix position can be situated in the rear of house, center, 5'11" deep x 25' wide, under the balcony and 42' from the lip of the stage.

Full Sound Specifications available upon request.

Projection Location: Typically, center balcony rail. Approximate distance from this distance to:

Movie Screen – 52'                      Cyc - 75'

### Rigging:

Consists of single-purchase counterweight system. Rail located at stage level SR. Please note: House Curtain is a traveler (pulley located stage level SR).

Midstage Traveler pulley located stage level SR.

Maximum Arbor capacity:            1300 lbs.  
Batten Length:                        42'  
Maximum Batten Height:            37' 3"  
Trim of Electrics 1-4:                21' 10"  
Trim of Electric 5:                    approx. 20'/variable

### Grid Dimensions:

There are 4 I Beams located 44'11<sup>3/8</sup>" above the stage floor

5'11<sup>1/4</sup>" SR of Center, 17'11<sup>5/8</sup>" SR of Center, 6'3/4" SL of Center and 18'3/8" SL of Center.

I Beams are 8" wide X 11<sup>7/8</sup>" high

### Hanging Plot:

Line Set:	Description:	Distance from Plaster Line:
1	Teaser	3' 10"
2	Main Curtain	4' 10"
3	Border 0	5' 8"
4	Electric 1 (PERM)	6' 10"
5	Movie Screen (PERM)	8' 2"
6	Border 1	9'
7	Legs 1	9' 7"
8		10' 5"
9	Electric 2	11' 2"
10		12'
11		12' 11"
12	Border 2	13' 8"
13	Legs 2	14' 5"
14	(scrim)	15'

15	Electric 3 (PERM)	15'4"
16		17'7"
17	Border 3 Midstage	18'7"
18	Traveler (PERM) (Legs 3)	19'5"
19		20'4"
20	Electric 4	21'2"
21		22'1"
22	Border 4	22'11"
23		23' 7"
24	Legs 4	24'6"
25	Electric 5 (PERM)	25'10"
26		27'2"
27	Border 5	27'11"
28	Cyclorama	29'2"
29		30'4"
30	(backdrop)	31'4"

**Spot Booth:**

Located in rear balcony center with 2 Altman Comets. Has ClearCom hookup.

**Lighting:**

Control Booth is located rear house right with removable windows. Lighting control can be located virtually anywhere in the theatre.

**Dimming and Control:**

ETC Sensor 192 dimmers, (16 dimmers dedicated to house lights)

ETC Express 125

ETC Express 24/48

Remote Focus Unit

75' DMX cable

**Instrumentation:**

Style	Watts	Make	Qty	Use
6x12	750	Altman	16	Catwalk (10) Balcony Coves (6)
6x9	750	Altman	11	C/Ws (2), Far BB (6)
3x4	500	Altman	8	(Spares)
Zoom	750	Altman	12	Side Lights
26 deg	575	ETC	17	Specials(7), High Side(10)
36 deg	575	ETC	11	High Side (10)
20 deg	1000	Strand	4	Catwalk Special
Zoom	1000	Strand	2	FOH
Zoom	1000	Altman	4	FOH
10 deg	750	ETC	10	FOH
10 deg	1000	Strand	1	FOH-Lectern Special
5 deg	750	ETC	2	FOH Special
Par 64 WFL	1000		16	Wash
Par 64 NFL	500		6	Catwalk Wash (5)
6" Fresnel	750	Altman	31	Wash
6" Fresnel	400	Altman	2	(Spares)
6" Fresnel	750	Lee	7	Wash
8" Fresnel	1000	Strand	8	High Side
Supercell	1500	Altman	3	Cyc
Scoop	1500	Strand	4	Cyc
Comet		Altman	2	Spotlight

**Loading Area:**

Located at street level.

Loading door is 6'6" wide X 8'3" tall, and opens directly into the SL wing onto an 8' X 4' platform, 3' above stage floor.

Ramp 2'3" wide and 9'9" long is available

**Dressing Rooms:**

Only accessible by stairway in SL wing. There are two bathrooms, two large dressing rooms with locking doors, counters, mirrors, and mirror lights, and one "common"/green room area with counters, mirrors, and mirror lights. Maximum capacity of dressing rooms: 90. Maximum capacity of backstage area: 140.

Ironing board and iron available for use, but the theatre has no laundry, no shower and no phone line.