

CHESTER FRITZ AUDITORIUM TECHNICAL SPECIFICATION

- THEATRE ADDRESS:** Chester Fritz Auditorium
University of North Dakota
3475 University Ave Stop 9028
Grand Forks, ND 58202-9028
- THEATRE DIRECTOR:** Betty Allan
- BUSINESS ADDRESS:** Chester Fritz Auditorium
3475 University Ave Stop 9028
University of North Dakota
Grand Forks, ND 58202-9028
- TELEPHONE:** Information (701) 777-3076
- THEATRE TELEPHONE:** Director - Betty Allan (701) 777-2170
Tech Director - Pat Hill (701) 777-2194
- TYPE OF SEATING:** Main Floor - Radial - 1132 (6 entrances)
Mezzanine - Radial - 594 (4 entrances)
Balcony - Radial - 594 (4 entrances)
Forestage (temporary) - 80 (main floor level)
- MAXIMUM SEATING CAPACITY:**
2384 - Can go to link on web page
- TICKETING CONTROL:** Ticket Office - (701) 777-4090
TicketMaster - (701) 772-5151
Box Office Manager - Tom Swangler (701) 777-4094
- TIME ZONE:** Central Standard
- BUSINESS HOURS:** Administrative - 8:00 a.m. to 4:30 p.m.; Monday - Friday
Ticket Office - 8:30 a.m. to 4:00 p.m.; Monday - Friday
- OPERATION OF FRONT MAIN CURTAIN:** Travel or Fly
- COLOR OF MAIN CURTAIN AND TEASER:** Claret (red)

COLOR OF OTHER DRAPES: Tormentor and teaser – Claret (red)
4 sets legs – black 12'w x 32'h
4 borders – black 76'w x 16'h
Midstage and rearstage draws – black 76'w x 32'h

CYC: 30' x 60' white – seamless cyc

MOVIE SCREEN: Cinemascope or Regular, 15'h x 32'w with 6" black border

REAR PROJECTION SCREEN: No

STAGE FLOOR COMPOSITION: Wood, Sleeper

TYPE OF WOOD: Maple

RAKED OR FLAT: Flat

TRAPS: None Available

DISTANCE FROM AUDIENCE FLOOR TO STAGE: 44"

FROM PIT FLOOR TO STAGE: 1st level – 12' below stage
2nd level – 6' below stage
3rd level – 44" below stage
4th level – even with stage

LOADING

TRUCK LOADING LOCATION: Stage Right – south of Theater: Single Bay

ON GROUND LEVEL: Standard Dock Height

OUTSIDE SIZE OF OPENING: 12'9"h x 10'w

HEIGHT FROM GROUND: 3'6"

SPECIAL PROBLEMS WITH DOCK: In order to maintain building temperature in the winter, loading may be done in 2 stages, into the storage area, then onto stage after closing the outside and opening the inside doors.

INTERIOR SIZE OF OPENING: 21'11"h x 10'2"w

HOW MANY TRUCKS CAN UNLOAD: One straight on; Two if ramps are used

STAGEHAND

NON-UNION HALL: The Chester Fritz Auditorium is a non-union hall, and in accordance with the North Dakota Century Code 34-01-14 right to work law and the policies of the University of North Dakota, only trained personnel approved by the PRESENTER's Technical Director and on the University of North Dakota payroll will be employed.

CHESTER FRITZ AUDITORIUM ELECTRICS

COMPANY SWITCH AVAILABLE: Yes

SIDE OF STAGE: Lighting: Stage Right
Sound: Stage Right & Stage Left

QUANTITY OF POWER AVAILABLE:

Lighting: 2 - 400 amp 3 phase, 5 wire Standard J- cam panel; 1 - 100 amp 3 phase, 5 wire J-cam panel; 1 - 200 amp, 3 phase, 5 wire J-cam panel. All this power is stage right.

Sound: 1 - 100 amp 3 phase, 5 wire Standard J-cam panel stage left; 1 - 100 amp, 3 phase, 5 wire stage right

HOUSE BOARD: ETC Insight III

LOCATION OF CONTROL BOARD: Stage managers position (stage left or right), back of main floor Auditorium or above balcony seating on sixth floor.

PORTABLE DIMMER RACK: LIGHTRONICS 24 CHANNELS OF 1200 WATT

NUMBER OF DIMMERS: 308 (House is dimmer per circuit)

WATTAGE OF DIMMER: 2400

TYPE OF DIMMERS: ETC Sensors

NUMBER OF CIRCUITS IN HOUSE: 308

AMPERAGE PER CIRCUIT: 20

NUMBER OF CIRCUITS ON: FIRST ELECTRIC: 40 SECOND ELECTRIC: 30
THIRD ELECTRIC: 10 FOURTH ELECTRIC: 20
FIFTH ELECTRIC: 10 SIXTH ELECTRIC: 10

DROP BOXES: 4 Units of 4 circuits each (2 stage right - 2 stage left)

BALCONY RAIL POSITION: None.

BOX BOOM POSITIONS: None

OTHER FRONT OF HOUSE POSITIONS: 2 ceiling beams, 20 paired circuits rear beam,
25 paired circuits front beam.

PROSCENIUM SLOT: 10 circuits each position

FLOOR POCKETS: 4 each side of stage, 4 across back of stage

FOOTLIGHTS: No

DISTANCE FROM REAR BEAM POSITION TO CURTAIN: 111'

DISTANCE FROM FRONT BEAM POSITION TO CURTAIN: 75'

PROJECTION BOOTH: Back center of Mezzanine (lower balcony, fourth floor)

PROJECTION: Barco RLM-W14 with Crestron switching control

FOLLOW SPOTS: 4 Robert Juliat Cyrano Spotlights 2.5k

DISTANCE FROM SPOT POSITION TO CURTAIN: Approximately 130'

HOUSE EQUIPMENT: 24 - 5° Source 4 - 575 watt - located rear beam
50 - 10° Source 4 - 575 watt - located front beam
36 - 36° Source 4 - 575 watt
18 - 26° Source 4 - 575 watt
18 - 19° Source 4 - 575 watt
10 - 50° Lens tubes
20 - Source 4 Parnel - 575 watt
6 - Source 4 Par - 575 watt

68 – 8" Fresnel's – 1,000 watt
 22 – scoops – 300 watt
 6 – six foot sections of 4 circuit border light (Rondel)
 600 feet of cable
 4 – 6 foot side ladders

COLORS: Instruments gelled for desired colors

GEL COMPANY STOCK (PRIMARILY): Roscolux

TYPE OF CONNECTORS IN HOUSE: Twist-lock, 3 prong, 20 amp

LINE NUMBER	DISTANCE FROM PROSCENIUM	ASSIGNMENT	SPECIAL NOTES
1.	8"	Open Line	
2.	16" or 1'4"	Act Curtain	Claret -Not Removable
3.	24" or 2'	Teaser	Claret
4.	32" or 2'8"	Torms	Claret
5.	40" or 3'4"	Open Line	
6.	48" or 4'	1st Electric	40 Circuits; Max Trim Height 50'
7.	56" or 4'8"	Open Line	
8.	64" or 5'4"	Open Line	
9.	72" or 6'	Open Line	
10.	80" or 6'8"	Open Line	
11.	88" or 7'4"	#1 Acc. Cloud	Not Removable
12.	96" or 8'	#1 Border	
13.	104" or 8'8"	#1 Legs	
14.	112" or 9'4"	Open Line	
15.	120" or 10'	Open Line	
16.	128" or 10'8"	2nd Electric	30 Circuits; Max Trim Height 50'
17.	136" or 11'4"	Open Line	
18.	144" or 12'	Open Line	
19.	152" or 12'8"	Open Line	
20.	160" or 13'4"	Open Line	
21.	168" or 14'	#2 Acc. Cloud	Not Removable
22.	176" or 14'8"	#2 Border	
23.	184" or 15'4"	#2 Legs	
24.	192" or 16'	Midstage Draw Curtain	Not Removable
25.	200" or 16'8"	Projection Screen	Short Batten 32'
26.	208" or 17'4"	#3 Electric	10 Circuits; Max Trim Height 50'
27.	216" or 18'	Open Line	
28.	224" or 18'8"	#4 Electric	20 Circuits; Max Trim Height 50'
29.	232" or 19'4"	Open Line	
30.	240" or 20'	Open Line	
31.	248" or 20'8"	#3 Acc. Cloud	Not Removable
32.	256" or 21'4"	#3 Border	
33.	264" or 22'	#3 Legs	
34.	272" or 22'8"	Open Line	
35.	280" or 23'4"	Open Line	
36.	288" or 24'	#5 Electric	10 Circuits; Max Trim Height 50'
37.	296" or 24'8"	Open Line	
38.	304" or 25'4"	Open Line	

39.	312" or 26'	Open Line	
40.	320" or 26'8"	Open Line	
41.	328" or 27'4"	#4 Acc. Cloud	Not Removable
42.	336" or 28'	Border	
43.	344" or 28'8"	#4 Legs	
44.	352" or 29'4"	#6 Electric	10 Circuits; Max Trim Height 50'
45.	360" or 30'	Open Line	
46.	368" or 30'8"	Open Line	
47.	376" or 31'4"	Open Line	
48.	384" or 32"	Open Line	
49.	392" or 32'8"	Rear Stage Black	
50.	400" or 33'4"	No working goods	
51.	408" or 34'	Open Line	
52.	416" or 34'8"	Open	

CARPENTER

GENERAL TYPE OF STAGE: Proscenium

WIDTH OF PROSCENIUM OPENING: 61'10"

HEIGHT OF PROSCENIUM OPENING: 29'9"

DEPTH OF STAGE-CURTAIN LINE TO BACK WALL: 35'

DEPTH OF APRON - LIP TO CURTAIN LINE: 17'10"

15'7" FORESTAGE CENTER WIDTH

11'10" FORESTAGE 1/3 WIDTH

WING SPACE: Stage right - 16'6"; Stage left - 14'5"

ADDITIONAL STORAGE SPACE: Adjacent to stage area - 500 sq. feet

TYPE OF RIGGING: Counterweight - Single purchase

RIGGING IS: Overhung

STAGE FLOOR TO GRID DISTANCE: 66' out height

LOCKING RAIL LOCATED: Stage left (stage level)

LOADING PLATFORM: Stage left

TOTAL NUMBER OF LINESETS: 51

NUMBER OF LINES PER SET: 7

NUMBER OF SETS EQUIPPED WITH PIPE BATTENS: 51

COUNTERWEIGHT AVAILABLE TO FILL ALL BATTENS: Yes

SANDBAGS AVAILABLE: No

LENGTH OF BATTENS: Most are 75; Acoustical clouds and movie screen are shorter battens

MAXIMUM LOAD PER LINESET (WORKING): 940 lbs; (electrical and drawn curtains -1740 lbs)

DISTANCE BETWEEN LINESETS: 8" centers

NUMBER OF SPARES: 26

NUMBER OF LINES THAT CAN BE CLEARED WITH ADVANCE NOTICE: 8

STAGE AND SHOP FLOOR PLAN: See CFA webpage for diagram

WARDROBE

NUMBER OF DRESSING ROOMS AVAILABLE:

Star "B"	Location: Stage left, stage level (Single space)
Star "A"	Stage left, below stage level (Single space)
Dressing "C,D,E,F"	Stage left, above stage level (2 are 2 space, 2 are 5 space)
Male Chorus	Stage right, below stage level (18 space)
Women's Chorus	Stage left, below stage level (18 space)

HOT AND COLD WATER AVAILABLE: Yes

SHOWERS AVAILABLE: Yes

MIRRORS, MAKE-UP TABLES: Yes

TOILETS: In each dressing room and one just off stage left

TOWELS: Available upon Request

DRINKING FOUNTAINS: Yes, one on each level, stage left only

DO DRESSING ROOMS MEET EQUITY STANDARDS: Yes

COSTUME RACKS: In each room (extras in trap room)

IRON AND IRONING BOARDS: 2 each (trap room)

WASHERS AND DRYERS: 2 each (trap room)

SOAK SINK: Yes (trap room)

STEAMER: Rental unit available with advance notice

ORCHESTRA

ORCHESTRA DRESSING ROOM: Only dressing rooms as listed above

ORCHESTRA PRACTICE ROOM: With advance notice

ORCHESTRA PIT: Yes - we will accommodate up to 80 chairs for additional house seating. Standard is just below main house floor for orchestra level. Will accommodate 20 musicians and equipment. May be adjusted to any height.

MUSIC STANDS AND LIGHTS: 100 music stands
25 stand lights

PIANO(S): 9' Steinway concert grand, tuned with advanced notice only
Kawai studio upright piano, tuned with advanced notice only

PIANO TUNER ON CALL: Special arrangements required, advance notice only

ENTRYWAY TO PIT: Through pit level door or basement level, depending on level of pit

ACOUSTICAL SHELL: Wenger shell - flown ceiling and castered sides and back

CHORAL SHELL: Stored in Trap Room under stage

SOUND

SOUND SYSTEM AVAILABLE: Yes Fixed Stereo Cluster PAS PI2.2 14 Boxes (each with 2" horn and 15" driver) powered by Crown Amplifiers.
4 PAS MF 18" Subs
6 PAS RS 2.2 Loud Speakers

INTERCOM SYSTEM: Yes ClearCom Helixnet with analog card,
9 Beltpacks/Headsets. ClearCom Wireless Freespeak II, 4
Beltpacks/Headsets

PORTABLE RADIO FREQUENCY: UHF 467.4625

CONCERT SOUND SYSTEM AND BASIC SOUND SYSTEM

<u>QUANTITY</u>	<u>DESCRIPTION</u>
2	Yamaha M7 48 channel
1	Yamaha LS9 16 channel
6	PAS DF 2.2 Bi-amp Downfill/Stage Wedge
6	PAS DF 2.2 Stage Wedge
1	4 mix bi-amp Amp Rack
4	Electro-Voice S-15-3 Stage Speakers
6 Microphones	Electro-Voice PL-6 mic
6	Electro-Voice PL-77 mic
2	Electro-Voice PL-95 mic
2	Electro-Voice PL-20 mic
4	Electro-Voice CS-15E mic
6	Shure SM-57 mic
4	Shure SM-58 mic
1	Shure Beta 57 mic
1	Shure Beta 57-A mic
5	Shure Beta 58 mic
1	Shure Beta 58-A mic
1	Shure Beta 52 mic
4	Shure SM-81 mi
1	Shure SM-59 mic
1	Shure SM-61 mic
7	Shure SM-98 mic
3	PCC 160's

<u>QUANTITY</u>	<u>DESCRIPTION</u>
4	Sennheiser MD-421 mic
5	AKG 224-E mic
2 Stands	Atlas BS-36 Boomstands
12	Beyer ST-25 Stands
8	Beyer ST-2015 Stands
6	Beyer ST-232/1 Table Stand
2	Beyer ST-255 Stands
2	Beyer SCH-211/1 Telescoping Booms
2	Beyer ST-532 Stands
10	Beyer SCH-211
6	Beyer 237 Clamp Adapter
2	Beyer 238 Microphone Arms
2	Beyer ZM SL Stereo mic mounting arms
3	DBX 2 channel 1/3 Octave EQ
6	Radial J48 Active DI
4	Radial Pro-DI
2	Imp II DI
2	Sescom DI
1 Audio Multi-Core	Whirlwind 48x10 Transformer split/FOH, MM tail
1	100' 12 channel sub-snake
1 Audio Analyzer	Ivie IE-30A Audio Analyzer
1	Ivie IE-20 Pink/White Noise Generator
1	Ivie IE-17A Reverb Time Delay Module
100 Microphone Cables	Mic Cables various lengths
2-220 volt Power Distro	#SB Spider system power distribution
Hubbel	

GENERAL

CROSS-OVER BEHIND REAR WALL: None

THROUGH BASEMENT: Yes

NOTE: Advance notice indicates two (2) weeks minimum before performance date.

TABLE RISERS AVAILABLE FOR USE AT THE CHESTER FRITZ AUDITORIUM

- 8" ----- 15
- 16" ----- 16
- 24" ----- 17
- 32" ----- 15

40" ----- 12

TOTAL 75

All risers are 30" x 96"

CHORAL RISERS AVAILABLE FOR USE AT THE CHESTER FRITZ AUDITORIUM

9 ----- 16" ----- 3 Step "Wenger"
4th step also available