



Technical Specifications

Facility and Equipment Information

Stage/Theater

Proscenium	58'-8" x 24'0"
Width x Depth	112' x 42'-6"
Apron	7'-8"
SR Wing	22' to Fly Rail
SL Wing	28'
Crossover	39'-4" (Last Lineset) Or Back Hallway
Screw into Floor?	Yes, Per Advance
Main Trav/Guil?	Both
Break Fire Curtain	No
Orchestra Pit	Gala Lift 10'X70'
House Capacity	1957

Dressing Room/Facility

VIP	2 - SR (short walk)
Chorus (16/21)	2 - Lower Level (CS)
Wardrobe	1 - Lower Level (SR)
Washer/Dryer	2/2 - Lower Level
Racks	16
Irons/Steamers	2/2
Showers	VIP 1ea. / Chorus 2ea.
Elevator/Stairs	USR/USL
Green Room	USR (Catering/Prod Ofc)

Parking / Loading

Dock/Ramp	Dock
Location/Size	USL/8' x 10'
Distance to Stage	38' Dock Door to USL
# Trucks @ Dock	1
General Parking	270 total spaces (2 lots)
Truck Parking	2 (Add.-Back Parking Lot)
Bus Parking	Room for up to 4
Shore Power	Service for 2 Buses
Stack/Unstack	1-ton in Loading Dock
Storage	Subject to Availability
Levelers/Plates	Leveler

Rigging

Fly System	Single Purchase
Rail Location	SR (stage level)
# Line Sets	48
Batten Length/Dia	80'/1.5" Sch. 80 (1.9"OD)
Arbor Capacity	2,000 lbs.
Available Weight	40,000 lbs.
Type of Grid	Subway Grating
Point Rating	1,500 lbs. Per Pt. (30 Pts)
Grid Height	63'
High Trim	59'

Lighting

Power (SL)	1 x 400 A/3-Phase (cams)
Power (SL)	1 x 400 A/3-Phase (lugs)
DMX 1 (House)	SR/FOH/Control Booth
DMX 2 (Open)	SL/SR/FOH/Control Booth
Lx Position (FOH)	Center, 65' to Stage
Position Size	16' x 8' (share with audio)
Use Smoke/Haze?	Yes
Use Open Flame	Requires Fire Watch
House Lights	DR/Control Booth/Road Bd
Control Console	ETC Ion-XE20
Followspots	4 x Juliat Topaze (1200W)
Personnel Lift	JLG 30 AP (30')

Lighting Accessories

Lighting Booms (10'4" or 21' Height)	10
Sidearms	60
Drop-in Irises	9
6.25" Top Hat	15
6.25" Half Hat	15
Floor Plates	18

Atmospherics

Antari Fazer F4	2
CITC Hazemax	1

Lighting Instrumentation

ETC Source4 750w 5° ERS	14
ETC Source4 750w 10° ERS	30
ETC Source4 750w 14° ERS	12
ETC Source4 750w 19° ERS	62
ETC Source4 750w 26° ERS	32
ETC Source4 750w 36° ERS	32
ETC Source4 750w 50° ERS	8
ETC Source4 750w PAR	120
L&E 4 Cell Cyc Strips	10
Altman 8 Inch Fresnel	4
4 Cell Audience Blinder	4
ETC LED Series 2 Lustr+ 50°ELD	8
Chauvet Pro. Colorado Batten 72X	10
ETC Source4 750w No Lens (On Rovers)	2

Spare Lenses

ETC 5°	15
ETC 10°	2
ETC 14°	6
ETC 19°	12
ETC 26°	12
ETC 36°	12
ETC 50°	4
ETC PAR vn/n/mfl/wfl Each	120

Audio

Power (SL)	200 A iso/3-phase (cams)
Snake Run	200' (along side walls)
Mix Position (FOH)	Center, 65' to Stage
Position Size	16' x 8' (share with Lx)
Push to FOH?	Hallway SR, No Stairs, Ramp
FOH Storage	Closet/Service Hallway
Page	DR/Booth
Intercom	ClearCom or Dry Lines
Hearing Assist	Yes

Main Theater PA

KS Audio CPD Line Arrays (Two 8" LF Drivers & Single 1" HF Driver, Self Powered) (9 L, 9 R)	18
KS Audio CPD WL Sub Woofers (Single 18" Driver, Self Powered)(4 L, 4R Flown)	8

Front Fills

RCF HDL6-A (Two 6" LF Drivers; Single 1.7" HF compression driver)	6
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Balcony Delay

KS Audio CPD 1214 (12" LF Driver, Single 1.4" HF Driver, Self Powered)	3
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Consoles/Stage Boxes/Power Distribution

Yamaha CL5	1
Yamaha QL1	1
RIO 3224-D2 Stage Boxes	2
Yamaha M7CL-48ES (3 ES1608 Stage Boxes)	1
48ch Analog XLR Splitter	1
?? Amp Power Distro ?? Available Circuits (across 6 breakouts)	1

Audio Monitors

QSC K12 (12" LF Driver, 1.4" Titanium Driver, Self Powered)	6
QSC K8 (8" LF Driver, 1.4" Titanium Driver, Self Powered)	4
QSC KSub (Two 12" Drivers, Self Powered)	4
JBL SRX738 (18" LF Driver, 8" MF Driver, 4" HF Driver)	2

Microphones

Shure SM58	4
Shure SM57	4
Shure Beta 58	4
Shure Beta 57A	4
Shure Beta 56A	4
Shure SM81	4
Shure SM58	4
Shure KSM 32	4
Shure Beta 52A	2
Shure Beta 91A	2
Shure Microflex Gooseneck MX418C	2
Sennheiser MD421	4
Sennheiser e904	4
AKG SE300B	4
AKG C414B	3

Wireless

Shure ULXD4	8
Shure ULXD2 SM58 Handheld Tr.	8
Shure ULXD1 SM58 Bodypack Tr.	8
Countryman WCE-2LT Ear sets	8
Shure WA302 Instrument Cables	4
Direct Boxes/Inputs	
Countryman	2
Whirlwind IMP 2	7
ART Av Direct	3

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Softgoods

Valance	1x84'x10', Burgundy, Full
Main Curtain	2x38'x26', Burgundy, Full
Borders	4x68'x10', Black, Flat, 25 oz
Legs (typical)	8x10'x26', Black, Flat, 25 oz
Legs	10x10'x36', Blk, Flat, 25 oz
Legs	6x13'x26', Black, Flat, 16 oz
Austrian	1x72'x26', White
Blackout Curtain	2x38'x26', Black, Full, 25 oz
Cyclorama	1x72'x26', Light Blue, S-less
White Scrim	1x72'x26', Sharkstooth
Black Scrim	1x72'x26', Sharkstooth

Orchestral Equipment

Wenger Padded Musician Chairs	180
Wenger Music Stands	125
Music Stand Lights	80
Wenger 2 Level Conductor's Podium	1
Wenger Conductor's Stand	1
Vivo Adjustrite Musician Chairs	2
Steinway 9' Model D Concert Grand	1
Stage Right Opus 2 Acoustical Shell (3 configs)	1

Video

Sharp 70" 16:9 1080p Rolling Displays	2
Vizio 42" 16:9 1080p Video Monitors	2
13'x22'5" 16:9 Flown Projection Screen (F/R)	1
Panasonic PT-RZ770 Projector	1

Platforms

3' x 8' Wenger Versalite - Carpeted, Insulated	50
3' x 3' Wenger Versalite	1

Platform Legs

5" Fixed Finished Height	30
8" Fixed Finished Height	100
16" Fixed Finished Height	80
24" Fixed Finished Height	66
32" Fixed Finished Height	48
40" Fixed Finished Height	48
8"-12" Adjustable Finished Height	72
18"-22" Adjustable Finished Height	72
28"-32" Adjustable Finished Height	60
38"-42" Adjustable Finished Height	60
48"-52" Adjustable Finished Height	60
58"-62" Adjustable Finished Height	30
68"-72" Adjustable Finished Height	30
78"-82" Adjustable Finished Height	30
88"-92" Adjustable Finished Height	30

Detailed Lineset Schedule

#	Depth	Assignment	Notes
	0'-3"	Fire Curtain	All Linesets have a fly travel of 59' - 0"
1	1'-4"	Valance	
2	2'-0"	Main Curtain	Travels or Guillotine
3	2'-8"		
4	4'-0"	1st Electric (Permanent)	Circuits 80 -112
5	5'-0"		
6	6'-8"	Shell Ceiling (Permanent)	43' - 6" Clearance
7	8'-0"		
8	8'-8"		
9	10'-0"		
10	10'-8"		
11	11'-4"		Extended Arbor
12	12'-0"		Usable with Acoustical Shell
13	12'-8"		
14	13'-4"		
15	14'-0"		
16	14'-8"		Extended Arbor
17	15'-4"		
18	16'-0"		
19	16'-8"		
20	18'-0"	Shell Ceiling (Permanent)	43' - 6" Clearance
21	19'-4"		
22	20'-8"		
23	21'-4"		
24	22'-0"		
25	22'-8"		
26	23'-4"		
27	24'-0"		Usable with Acoustical Shell
28	24'-8"		
29	25'-4"		
30	26'-0"		
31	26'-8"		
32	27'-4"		
33	28'-0"		Extended Arbor
34	29'-4"	Shell Ceiling (Permanent)	43' - 6" Clearance
35	30'-8"		
36	31'-4"		
37	32'-0"		
38	32'-8"		
39	33'-4"		
40	34'-0"		
41	34'-8"		Flies Behind Acoustical Shell ↓
42	35'-4"		
43	36'-0"		Extended Arbor
44	36'-8"		
45	37'-4"		
46	38'-0"		
47	38'-8"		
48	39'-4"	Black Out Curtain, full-stage	

Technical Director: Jeff Richardson

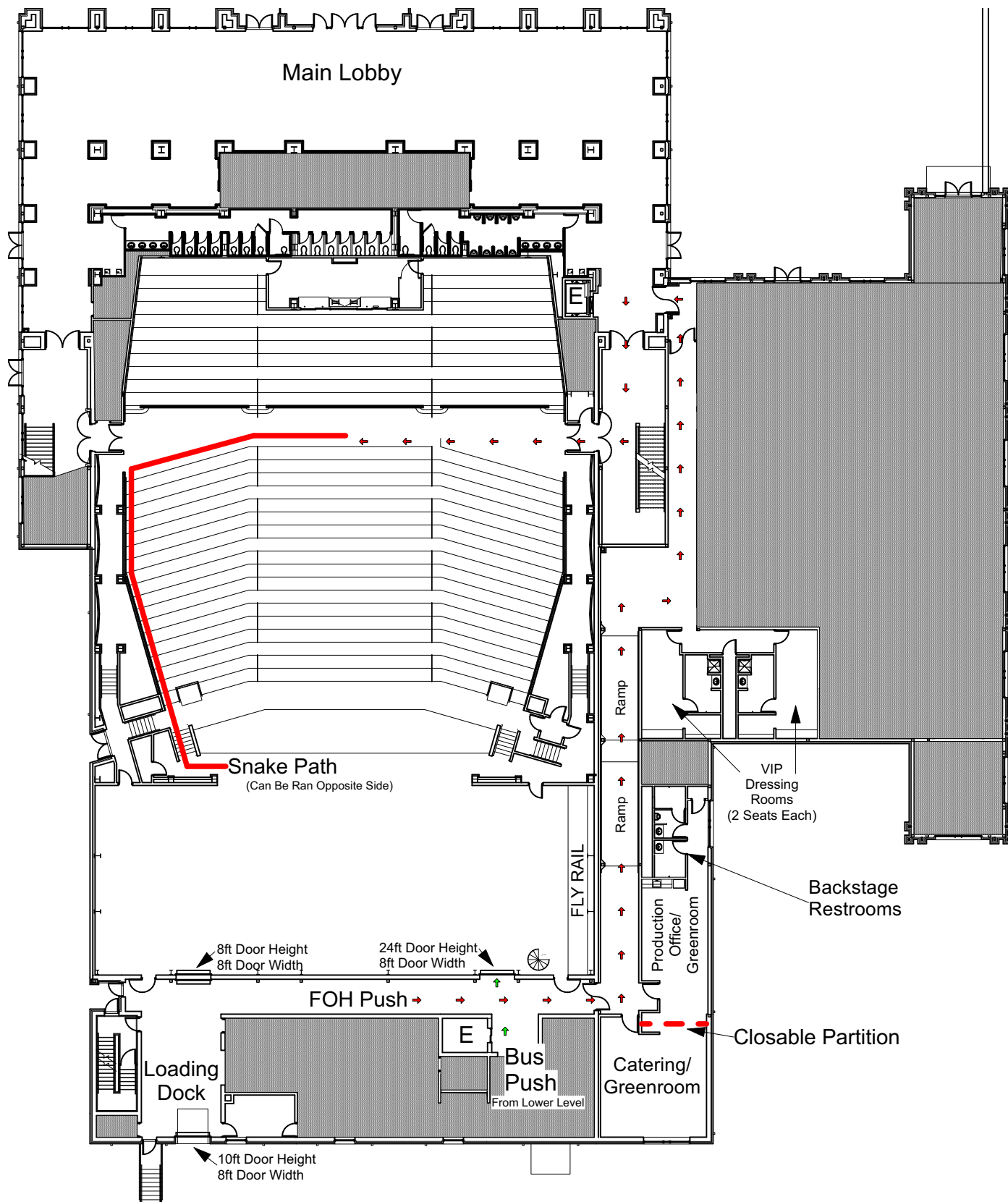
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Technical Specifications

Facility Drawings Packet



Facility Layout - Stage Level

TS-1

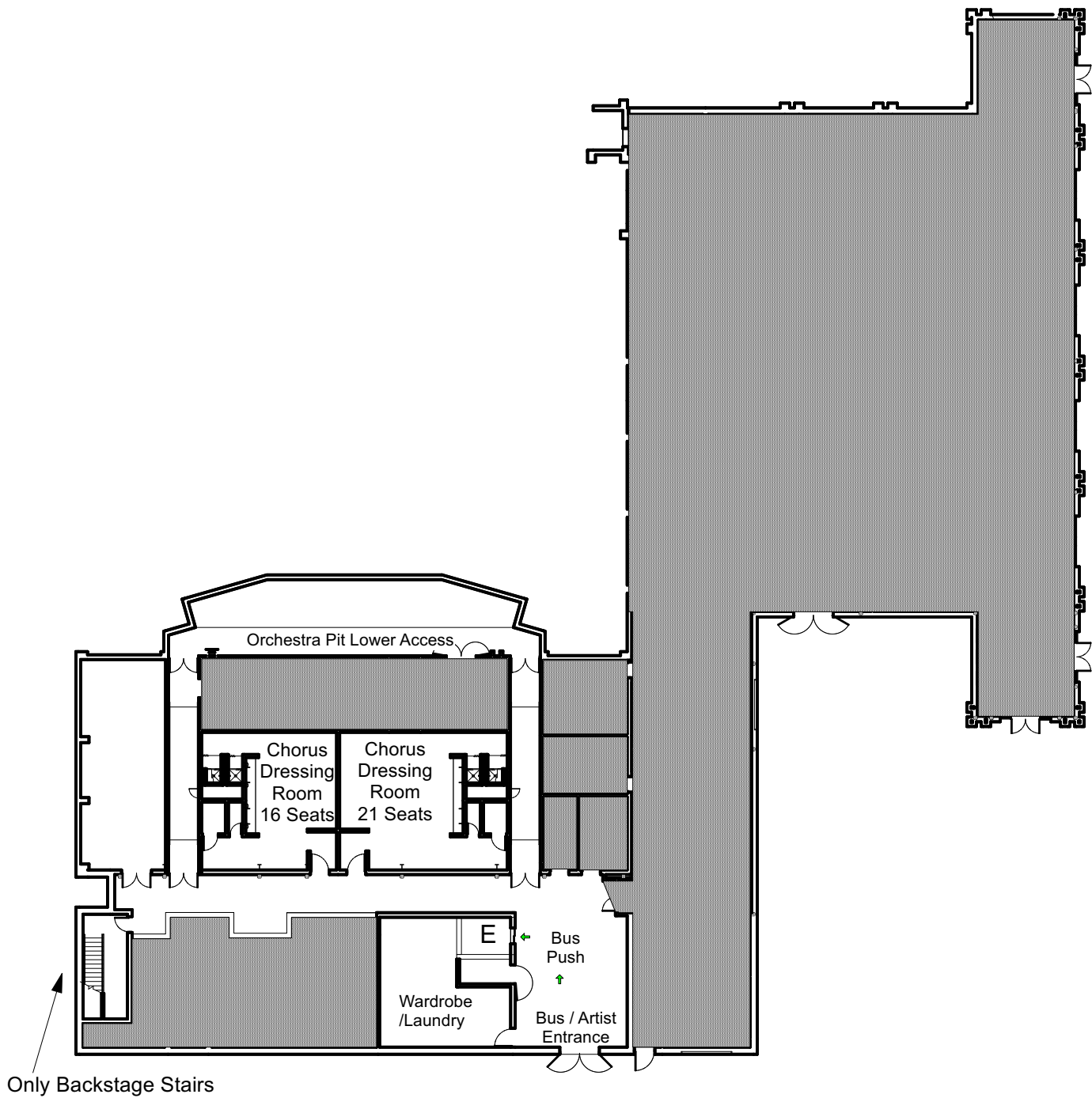
EKU Center for the Arts - Main Theater

Drawn By: Jeff Richardson

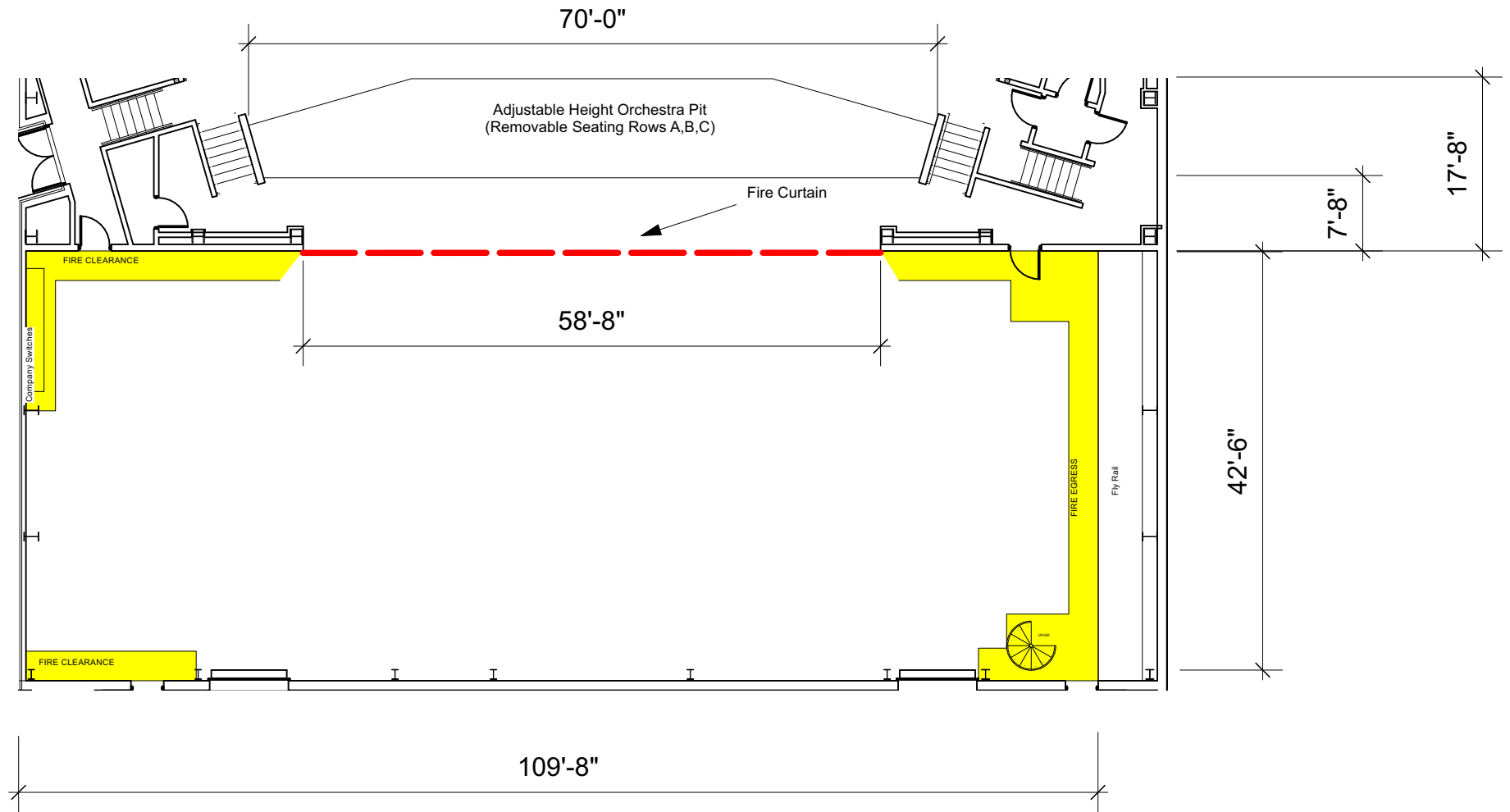
Revision Date: 3/22/23

Scale: 1/32" = 1'0"

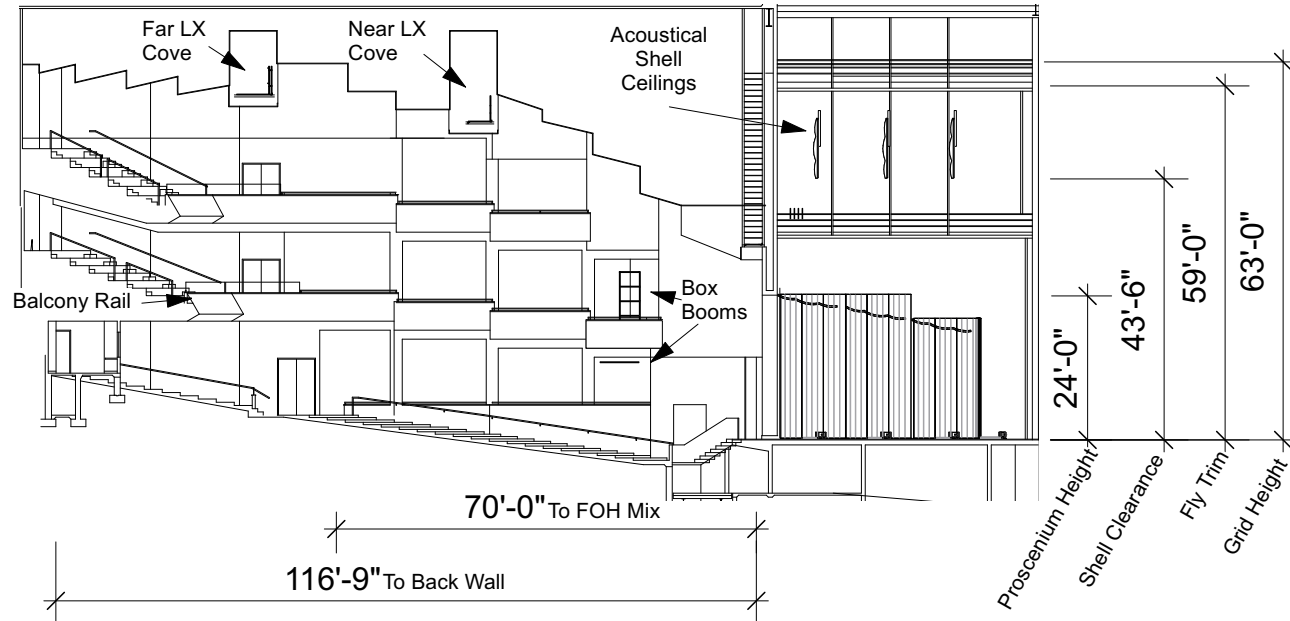
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Facility Layout - Lower Level	TS-2	EKU CENTER FOR THE ARTS
EKU Center for the Arts - Main Theater		
Drawn By: Jeff Richardson		
Revision Date: 3/22/23		
Scale: 1/32" = 1'0"		



Main Theater Stage Dimensions	TS-3	EKU CENTER FOR THE ARTS
EKU Center for the Arts - Main Theater		
Drawn By: Jeff Richardson		
Revision Date: 3/22/23		
Scale: 1/16" = 1' 0"		



Lighting Position Throws:

Near Lighting Cove: 71'

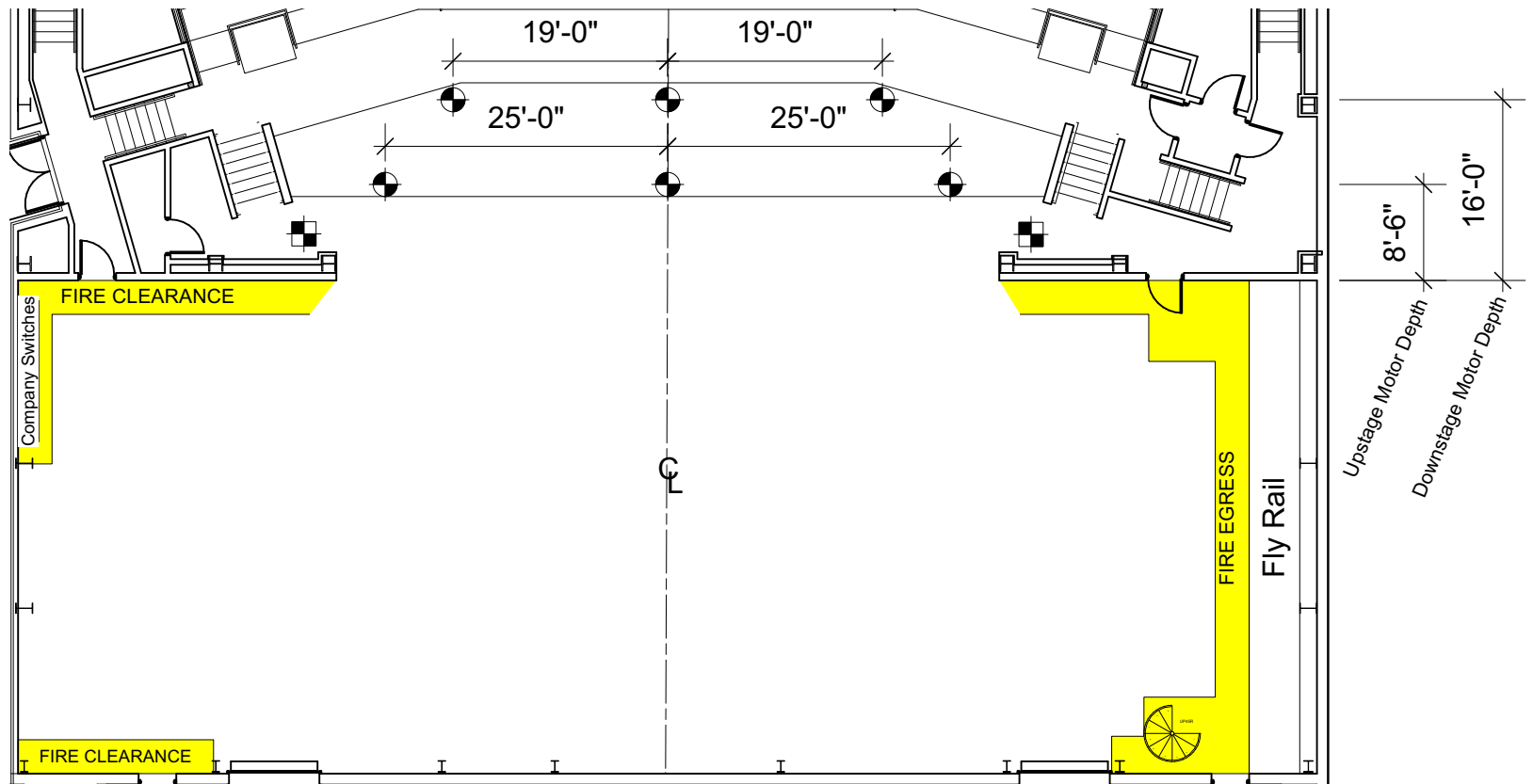
Far Lighting Cove: 102'

Balcony Rail: 101'

Upper Box Boom: 32'

Lower Box Boom: 29'

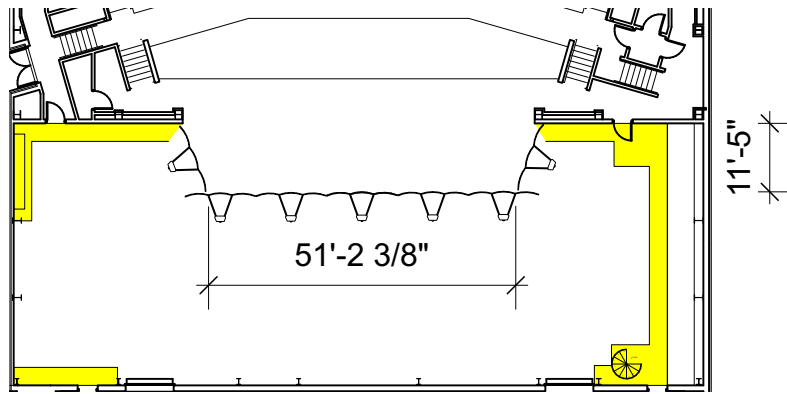
Main Theater Centerline Section	TS-4	EKU CENTER FOR THE ARTS
EKU Center for the Arts - Main Theater		
Drawn By: Jeff Richardson		
Revision Date: 3/22/23		
Scale: 1/32" = 1'0"		



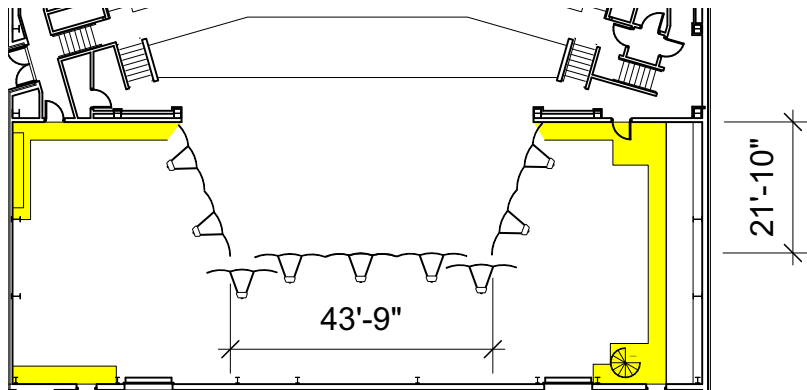
- 1-Ton Chain Motor
- 1/2-Ton Chain Motor (Cable Picks)

Full Stage Has Walkable Subway Grate Rigging Grid

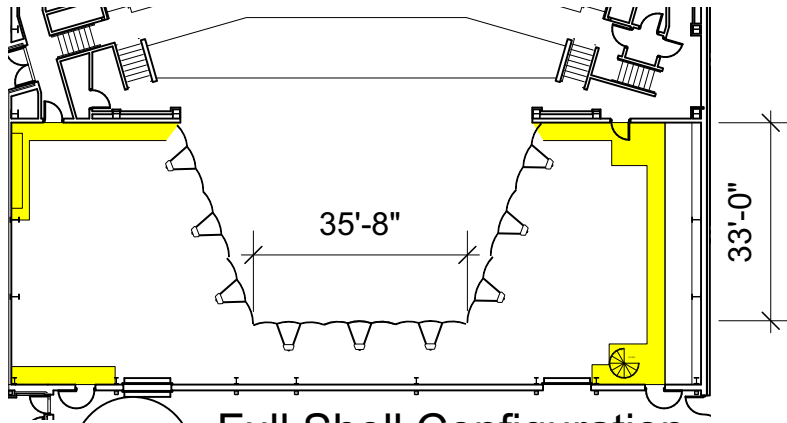
Main Stage Rigging Specifications	TS-5	EKU CENTER FOR THE ARTS
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Drawn By: Jeff Richardson		
Revision Date: 3/22/23		
Scale: 1/16" = 1'0"		



1 **1/3 Shell Configuration**
Scale: 1/32" = 1'-0"



2 **2/3 Shell Configuration**
Scale: 1/32" = 1'-0"



3 **Full Shell Configuration**
Scale: 1/32" = 1'-0"

Accoustical Shell Specifications

TS-6

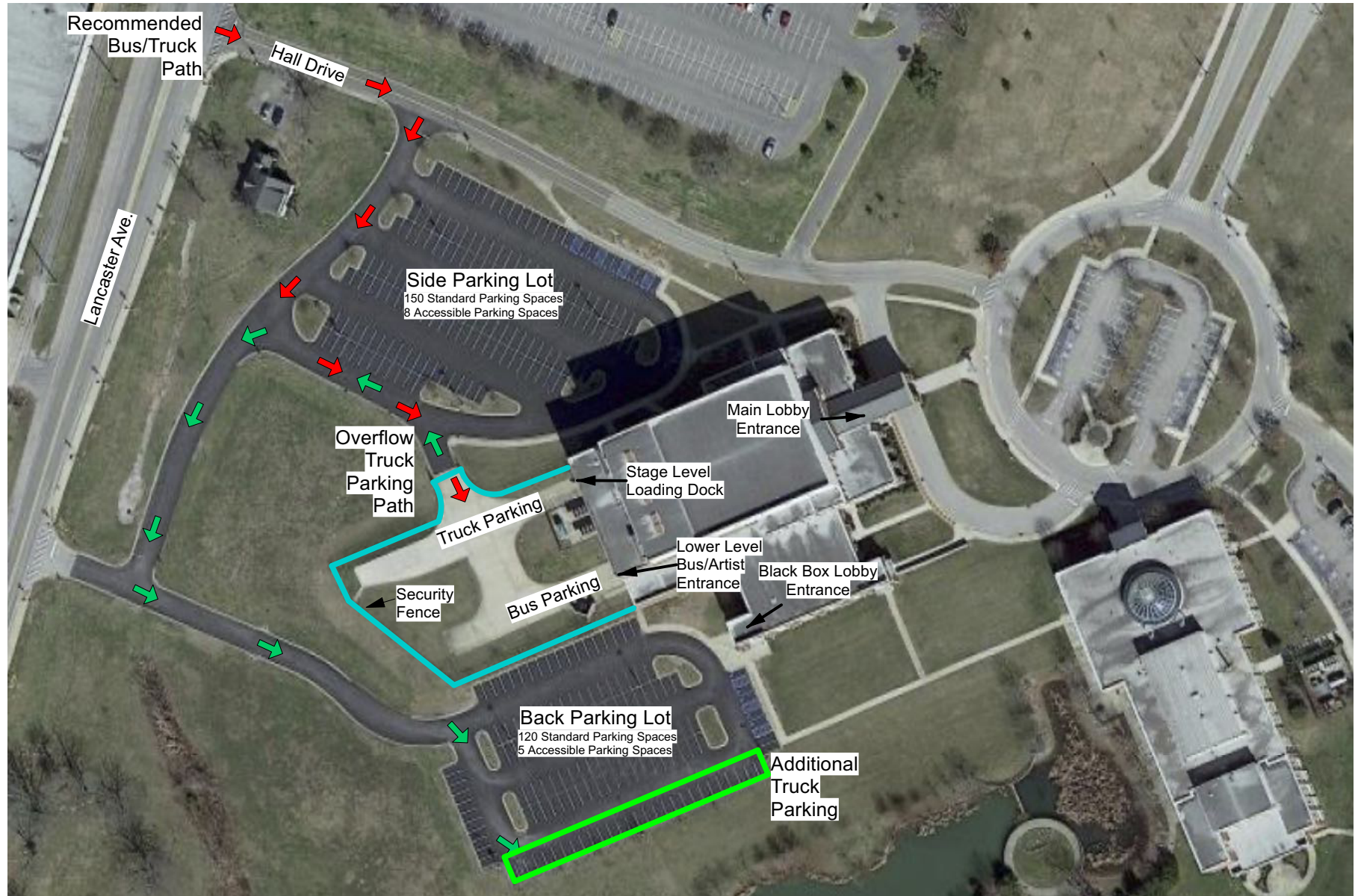
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Drawn By: Jeff Richardson

Revision Date: 3/22/23

Scale: As Indicated

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Parking Information	TS-7	EKU CENTER FOR THE ARTS
EKU Center for the Arts - Main Theater		
Drawn By: Jeff Richardson		
Revision Date: 3/22/23		
Scale: Not To Scale		