

Technical Information for

Power Center for the Performing Arts

Version current as of November 1, 2023

VENUE ADDRESS

121 N. Fletcher Street Ann Arbor, MI 48109-2017

MAILING ADDRESS

University Productions 128 Michigan League 911 N. University Ave. Ann Arbor, MI 48109-1265

AUDITORIUM SEATING CAPACITY

Orchestra	834
Orchestra wheelchair spaces	12
Orchestra companion seats	12
Balcony	455
Total capacity (including accessible seating)	1289



LOAD-IN ACCESS

Access to loading dock is on Palmer Drive

Loading Dock Doors 18' x 12'

Note - Two trucks can be parked at the dock for loading/unloading.

STAGE SPECIFICATIONS

Proscenium arch width 55'-3¾"
Proscenium arch height 28'

Depth of stage 42' (from plaster line to back wall)
Depth of apron 2' (front of stage to plaster line)

Off stage dimensions 18' (stage right)

22'-3" (stage left)

Dimensions of orchestra pit 31' x 8'

Note - Orchestra pit is a hydraulic lift to stage level with four stops - stage level, house level, 7' - 8"

below house level (pit level), 14' below house level (storage room level)

Stage floor - Unpainted masonite on tongue-and-groove pine resting on sleepers.

RIGGING

Single purchase manual counterweight system

Number of line sets 65

Height of grid from stage floor 80'

Height of SR pin rail from stage floor 40'

Highest batten can be flown 75'

Lowest batten can be flown 3'

Distance from back wall to last set 11'-6"

Minimum pipe length 45'

Arbor Information Total length 8'

Loading clearance 1' Usable length 7'

Full weight - 25 lbs, 2%" tall 1/2 weight - 12½ lbs, 1" tall 975 lbs (39 full weights)

Arbor capacity 975 lbs (39 full weights)

Note - loading gallery located on SR



SOFT GOODS

House Curtain - manual, flies out, does not open center, follows apron, gold-checked color House Masking Hang (all draperies are black velour unless otherwise noted)

One (1) Teaser	60' x 25'
One (1) White Muslin "bounce" drop	60' x 38'
One (1) Rosco RP screen "Twin White"	60' x 39'
One (1) Border/Blackout	60' x 30'
Four (4) Borders	60' x 15'
Four (4) Legs	12' x 40'
Six (6) Legs	17' x 40'
O., . (1) T.,	

One (1) Traveler track

Four (4) Traveler panels

Two (2) Traveler panels 25' x 40'

hung with two (2) tabs 4'-3"w x 40'8"h 32' x 30' (dead hung and cannot move)

Additional drapery

One (1) Scrim, white sharkstooth 60' x 30' Two (2) Scrims, black sharkstooth 50' x 28'

Two (2) Orchestra pit drapes (one full length velour, one short Duvetine)

Eight (8) Tabs 6' x 30' 9' x 30' Four (4) Tabs Two (2) Legs 15' x 40' Eight (8) Legs 17'-9" x 30' Two (2) Traveler Panels 31'-3" x 30' One (1) Border 50' x 15' One (1) Border (for House Curtain) 70' x 7'-5" One (1) Border (for Lineset A) 41' x 15'

COMPANY SWITCHES

110/208v 3 phase 5 wire - Two (2) 400 amp disconnects on USR Wall

Note - Access to this power is ONLY via 400 amp locking Cam Locks

Four (4) 60 amp 208v NEMA 14-60 circuits on USR Wall

Isolated Audio Power on DSL Wall

Three (3) 30 amp 120v L21-30 circuits

Four (4) 20 amp 120v duplex edison circuits

One (1) 30 amp 110v single phase twist lock circuit

LIGHTING SYSTEM

Lighting Control

One (1) ETC EOS Ti w/ three (3) touch screen displays, in lighting booth

One (1) ETC Nomad Puck w/ two (2) touch screen displays

One (1) iPad Mini with ETC iRFR app



ETC Net3 ports located throughout the hall

Dimmers:

Four hundred seventy-two (472) ETC 2.4kW Sensor dimmers

Four (4) ETC 6kW Sensor dimmers

House lights controlled through ETC Paradigm System

Note - See circuit chart for more information on dimmers and house 208v moving light power

Front of House Repertory Hang

#2 Ring Twenty (28) ETC Source Four 10° 575w

Twenty (14) ETC Source Four 5° 575w

Three (3) Lycian Xenon Followspots, model 1290

#1 Ring Forty-Two (42) ETC Source Four 10° 575w

Two (2) PAR 64 1kW as work lights

#0 Ring Two (2) ETC Source Four 19° 575w

Stage Left Box Boom Ten (10) ETC Source Four 14° 575w

Stage Right Box Boom Ten (10) ETC Source Four 14° 575w

Stage Left Pro-Torm Six (6) ETC Source Four Zoom 15° - 30° 575w with half hats

Top unit at +26' with 2' spacings down

Stage Right Pro-Torm Six (6) ETC Source Four Zoom 15° - 30° 575w with half hats

Top unit at +26' with 2' spacings down

Additional Lighting Inventory

Sixty-Eight (68) ETC Source Four LED Lustr 2 Engines

Fifty-Eight (58) Shutter assemblies for ETC Source Four LEDs

Twenty (20) Cyc attachments for ETC Source Four LED

Two hundred fifteen (215) ETC Source Four 575w Bodies w/ shutter assemblies

Six (6) ETC Source Four 5° Lens Tubes

Ten (10) ETC Source Four 10° Lens Tubes

Seventy-five (75) ETC Source Four 19° Lens Tubes

One Hundred Nine (109) ETC Source Four 26° Lens Tubes

Fifty-Eight (58) ETC Source Four 36° Lens Tubes Fifteen (15) ETC Source Four 50° Lens Tubes

Forty (40) ETC Desire D60 LED Lustr+

Forty-Four (44) ETC Source Four PAR 575w (VNSP, NSP, MFL, WFL lenses available)

Forty (40) Altman PAR 64 (VNSP, MFL, WFL lamps available)

Ten (10) MR-16 L&E striplights 3 circuit/5 pairs lamps, 6' long, EYC and EYF available

Four (4) LE Mini 10 units 1K



Accessories

Seventeen (17) Source Four iris units Forty-Five (45) Source Four top hats Sixty (60) Source Four color extenders Template holders (Source 4, Altman, Great American) Misc. PowerCon cables for LED instruments

SOUND SYSTEM

Console

One (1) 16 channel mixing board, Midas F26 (in booth)

One (1) 16 channel mixing board, Behringer X32 Producer (portable)

Playback

One (1) compact disc, Tascam CD-401 mkII (in road case)

Processing

Four (4) Crest CC301 amps (outputs to speaker patch bay)

Four (4) Rane GE-60 graphic EQ's (normalled to Rane EQ's)

One (1) patch bay w/28 patch cords

One (1) headset, stereo

Speakers

One (1) EV DeltaMax 1152/1122 speaker cluster

(permanently mounted above stage center at proscenium)

Four (4) Electro-Voice DeltaMax 1122A

Eight (8) EV Sentry IIA

Six (6) 50' speaker cables (Speakon connectors)

Fifteen (15) 25' speaker cables (Speakon connectors)

Fifteen (15) 10' speaker cables (Speakon connectors)

One (1) audio snake, 100' long 8 x 4 channels

Monitor

One (1) booth program monitor

One (1) Crest CC301 amps

Two (2) JBL Control 3 speakers (mounted on wall in booth)



Microphones

Two (2) portable wireless microphone racks

Total of four (4) wireless channels - only four (4) transmitters can be used at once Each contains (1) Shure Dual UHF-R Receiver

Each contains two (2) Shure UR2/SM58 and two (2) Shure UR1 transmitters w/ lapel mic

Four (4) AKG 451 condensers, w/shotgun capsule

Two (2) Shure SM58

Two (2) Shure SM58 w/on-off switch

Three (3) 18" gooseneck microphone stands

Microphone jack outlets

Mic line #	Location
8 - 11	Proscenium wall SR
12 - 15	Proscenium wall SL
16 - 17	USR wall
18 - 19	USL wall
20 - 23	Patch Panel SR
24 - 27	#0 Ring
28 - 30	#1 Ring center
31 - 32	#2 Ring HL of followspot booth
33 - 34	#2 Ring HR of followspot booth
35	Light Booth



Speaker outlets

Speaker Line #	Location
Left & Right	Program proscenium wall SR
1	stage lip SR
2	stage lip SL
3, 5, 7	proscenium wall SR
4, 6, 8	proscenium wall SL
9 & 11	USR (up stage right)
10 & 12	USL (up stage left)
13	rear of orchestra HL (sec. 5)
14	rear of orchestra HR (sec. 1)
15	rear of balcony ceiling HL (sec. 6)
16	rear of balcony ceiling HR (sec. 8)
17	rear of orchestra HL (sec. 4)
18	rear of orchestra HR (sec. 2)
19	rear of balcony ceiling HL (sec. 9)
20	rear of balcony ceiling HR (sec. 7)
21 - 22	#0 ring
23 - 26	#1 ring center
27 - 28, 31	#2 ring HL of followspot booth
29 - 30, 32	#2 ring HR of followspot booth
33	light booth
34	spare
35	lobby floor HL
36	lobby floor HR
37 - 38	cluster amp rack
39	vomitory entrance HL
40	vomitory entrance HR
41 - 42	sound booth rack

Miscellaneous Audio Equipment

Fifteen (15) 25' speaker cables (Speakon connectors)

Fifteen (15) 10' speaker cables (Speakon connectors)

One (1) audio snake, 100' long 8 x 4 channels

Four (4) microphone stands, desk

Twelve (12) microphone stands, floor round base

Two (2) microphone stands, boom attachments

Twenty-Five (25) Microphone cables



COMMUNICATION SYSTEMS

Headset System

Ten (10) Beyer DT-108 single muff headsets, 15 Telex

Three (3) Clear-Com KB-112 squawk box

Fifteen (15) Clear-Com RS-501 single channel belt packs

Five (5) Clear-Com RS-502 double channel belt packs

Ten (10) Freespeak II wireless double channel belt packs Sufficient headset cable for most applications.

Intercom

One (1) dressing room monitor system w/ dressing room page

Video

Three (3) cameras - Two (2) color, fixed in booth, One (1) black/white portable for conductor use

Two (2) 9" color monitors available for stage manager SR

One (1) 17" color monitor available for stage manager SR

One (1) 32" mobile color flat screen monitor

Miscellaneous black/white small monitors available

One (1) 32" color monitor in trap room with stage view

Four (4) color monitors for late seating

two (2) on orchestra level outside lobby doors HR & HL

two (2) on balcony level HR & HL above doors on bridge

Information System

Wired - Ethernet 10 and 100 Base-T — Jacks are located throughout building (stage and lobby) and may be used by arrangement in advance. All wired network circuits are protected by the SMTD firewall, part of the University of Michigan's Virtual Firewall. Please verify in advance that what you need is available by contacting Alex Gayat 734-763-4220 or alextgay@umich.edu.

Wireless - U-M Wireless on-stage and in the auditorium, lobby and dressing rooms. Please refer to http://www.itcom.itd.umich.edu/wireless/ for information regarding access.



DRESSING ROOMS

Washer and Dryer (2 each) located in trap room. All dressing room access USR.

One Flight Above Stage Level:

Two (2) Dressing Rooms - Each with seating and mirrors for four (4) performers with toilet, basin and shower.

Stage Level:

One Dressing Room - With seating and mirrors for four (4) performers with toilet, basin and shower

One Dressing Room - ADA compliant with accessible lavatory and roll in shower for two performers.

One Flight Below Stage Level:

Small Ensemble Room - seating and mirrors for 14 performers, showers, basins, and toilets. Large Ensemble Room - seating and mirrors for 24 performers, showers, basins, and toilets. *Note - The wall between ensemble rooms is removable to make one large space.*



REMOVABLE SEATING

KEMO VADEL O	LATING.	
Section 1		
Row	Seats	Note
D	1, 2	
E	1, 3, 2	
Section 2		
Row	Seats	Note
В	1, 3, 2	Orch/HR Vom
С	1, 3, 4, 2	Orch/HR Vom
D&E	1, 3, 5	HR Vom
F	1, 3, 5, 7	HR Vom
F	2, 4, 6	
G & H	1, 3, 5, 7	HR Vom
J, K & L	1, 3, 5	HR Vom
U & V	2, 4, 6	Sound pulls
U & V	8, 10, 12	Sound pulls
W	2, 4	Sound pulls
Section 3		
Row	Seats	Note
Α	1, 3, 4, 2	Orch pit
В	1, 3, 5	Orch pit
В	2, 4	Orch pit
С	1, 3, 5	Orch pit
С	2, 4, 6	Orch pit
D&E	1, 3	
D&E	5, 7, 6	
D&E	2, 4	
F	1, 3, 5, 7	
F	2, 4, 6, 8	
Section 4		
Row	Seats	Note
В	1, 3, 2	Orch/HL Vom
С	1, 3, 4, 2	Orch/HL Vom
D	2, 4	HL Vom
E	2, 4, 6	HL Vom
F	1, 3, 5	
F, G & H	2, 4, 6, 8	HL Vom
J, K & L	2, 4, 6	HL Vom
Section 5		
Row	Seats	Note
D	1, 2	
Е	1, 3, 2	



CONFERENCE/LOBBY/BACKLINE EQUIPMENT Tables:

Three (3) 2'-7" x 6' Tables

Three (3) 1'-6" x 6' Tables

Two (2) 2' x 5' Tables

Three (3) 2'-6" x 4' Tables

Two (2) 13' royal blue table skirts

Two (2) 21' royal blue table skirts

Orchestra Pit:

Sixty (60) music stands

Sixty (60) music stand lights

One (1) conductor's stand

Sixty (60) black Wenger orchestra chairs

Fifteen (15) bent plywood chairs

Ladders:

One (1) 8' Step ladder

One (1) 10' Step ladder

One (1) 12' Step ladder

One (1) 16' Step ladder

One (1) Genie personnel lift (max. platform height 30' - requires current lift certification for use)

One (1) JLG personnel lift (max. platform height 36' - requires current lift certification for use)

Miscellaneous Equipment

One (1) 9' x 16' front or rear projection screen with bottom skirt

can be reconfigured to 10.5' x 14'

Fifteen (15) Loose hemp lines, 5/8"

One (1) hoist, 1/2 ton, electric

One (1) one-ton CM chain motor w/60' chain

One (1) bull winch

Three (3) hand trucks

One (1) upright grand Yamaha piano with bench (Additional charge for moving and tuning)

Three (3) costume racks

Two (2) 30" x 6' prop tables

One (1) 24" paper cutter

One (1) United States flag with pole & floor stand

One (1) State of Michigan flag with pole & floor stand

One (1) University of Michigan seal (for officially sanctioned events)



HOUSE LINE SET SCHEDULE:

Line Set # Distance from Plaster C 0'-3" B 1'-5" A 2'-8" House Curtain 2'-3" Dead Hung 3'-2" Dead Hung 3'-2" Dead Hung 3'-6" Dead Hung 3'-6" Dead Hung 3'-6" Dead Hung 3'-6" Dead Hung 1	HOUSE LINE S	SET SCHEDULE:		
B 1'-5" A 2'-8"	Line Set #	Distance from Plaster	House Hang	Notes
A 2'-8" House Curtain 2'-3" House Main Curtain (Follows proscenium curve) Dead Hung 3'-2" Dead hung torm panels w/black velour Dead Hung 3'-6" Dead hung traveler track w/pleated black velour 1 4'-4" Teaser 2 5'-2" 3 6'-2" #1 Electric Dimmers 205-216 4 7'-6" #2 Electric Dimmers 217-228 5 8'-0" Boom Cable X/O Dimmers 229-234 6 8'-6" #3 Electric D60s. Relay 391 7 9'-0" 8 9'-6" #1 Border 9 10'-0" #1 Legs 10 10'-6" 11 11'-0" 12 11'-6" #4 Electric Dimmers 253-264 13 12'-0" 14 12'-6" Boom Cable X/O Dimmers 253-264 13 12'-0" 14 12'-6" Boom Cable X/O Dimmers 253-264 13 13'-0" #5 Electric Dimmers 277-288 16 13'-6" #5 Electric Dimmers 277-288 16 13'-6" #5 Electric Dimmers 277-288 17 14'-0" #5 Electric D60s. Relay 392 19 15'-6" #2 Border/Blackout 21 16'-6" #2 Legs 22 17'-0" 23 17'-6" 24 18'-0" Boom Cable X/O Dimmers 301-306 25 18'-6" #7 Electric Dimmers 313-324 26 19'-0" 27 19'-6" 28 20'-0" 29 20'-6" 30 21'-1" 31 21'-6" #3 Border 32 22'-0" #3 Legs 33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	С	0'-3"		16'-1" long
House Curtain 2'-3"	В	1'-5"		29'-0" long
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12	10	10'-6"		
13	11	11'-0"		
14 12'-6" Boom Cable X/O Dimmers 265-270 15 13'-0" #5 Electric Dimmers 277-288 16 13'-6" 17 14'-0" 58'-1" long batten 18 15'-0" #6 Electric D60s. Relay 392 19 15'-6" 20 16'-0" #2 Border/Blackout 21 16'-6" #2 Legs 22 17'-0" 23 17'-6" 24 18'-0" Boom Cable X/O Dimmers 301-306 25 18'-6" #7 Electric Dimmers 313-324 26 19'-0" 27 19'-6" 28 20'-0" 29 20'-6" 30 21'-1" 31 21'-6" #3 Border 32 22'-0" #3 Legs 33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	12	11'-6"	#4 Electric	Dimmers 253-264
15 13'-0" #5 Electric Dimmers 277-288 16 13'-6" 17 14'-0" 58'-1" long batten 18 15'-0" #6 Electric D60s. Relay 392 19 15'-6" 20 16'-0" #2 Border/Blackout 21 16'-6" #2 Legs 22 17'-0" 23 17'-6" 24 18'-0" Boom Cable X/O Dimmers 301-306 25 18'-6" #7 Electric Dimmers 313-324 26 19'-0" 27 19'-6" 28 20'-0" 29 20'-6" 30 21'-1" 31 21'-6" #3 Border 32 22'-0" #3 Legs 33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	13	12'-0"		
16 13'-6" 17 14'-0" 58'-1" long batten 18 15'-0" #6 Electric D60s. Relay 392 19 15'-6" 20 16'-0" #2 Border/Blackout 21 16'-6" #2 Legs 22 17'-0" 23 17'-6" 24 18'-0" Boom Cable X/O Dimmers 301-306 25 18'-6" #7 Electric Dimmers 313-324 26 19'-0" 27 19'-6" 28 20'-0" 29 20'-6" 30 21'-1" 31 21'-6" #3 Border 32 22'-0" #3 Legs 33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	14	12'-6"	Boom Cable X/O	Dimmers 265-270
17 14'-0" 58'-1" long batten 18 15'-0" #6 Electric D60s. Relay 392 19 15'-6" #2 Border/Blackout 20 16'-0" #2 Legs 21 16'-6" #2 Legs 22 17'-0" Dimmers 301-306 23 17'-6" Boom Cable X/O Dimmers 301-306 25 18'-6" #7 Electric Dimmers 313-324 26 19'-0" Dimmers 313-324 27 19'-6" Dimmers 313-324 28 20'-0" Dimmers 313-324 30 21'-1" 31 31 21'-6" #3 Border 32 22'-0" #3 Legs 33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	15	13'-0"	#5 Electric	Dimmers 277-288
18 15'-0" #6 Electric D60s. Relay 392 19 15'-6" 20 16'-0" #2 Border/Blackout 21 16'-6" #2 Legs 22 17'-0" 23 17'-6" 24 18'-0" Boom Cable X/O Dimmers 301-306 25 18'-6" #7 Electric Dimmers 313-324 26 19'-0" 27 19'-6" 28 20'-0" 29 20'-6" 30 21'-1" 31 21'-6" #3 Border 32 22'-0" #3 Legs 33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	16	13'-6"		
19 15'-6" 20 16'-0" #2 Border/Blackout 21 16'-6" #2 Legs 22 17'-0" 23 17'-6" 24 18'-0" Boom Cable X/O Dimmers 301-306 25 18'-6" #7 Electric Dimmers 313-324 26 19'-0" 27 19'-6" 28 20'-0" 29 20'-6" 30 21'-1" 31 21'-6" #3 Border 32 22'-0" #3 Legs 33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	17	14'-0"		58'-1" long batten
20	18	15'-0"	#6 Electric	D60s. Relay 392
21 16'-6" #2 Legs 22 17'-0" 23 17'-6" 24 18'-0" Boom Cable X/O Dimmers 301-306 25 18'-6" #7 Electric Dimmers 313-324 26 19'-0" 27 19'-6" 28 20'-0" 29 20'-6" 30 21'-1" 31 21'-6" #3 Border 32 22'-0" #3 Legs 33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	19	15'-6"		
22 17'-0" 23 17'-6" 24 18'-0" Boom Cable X/O Dimmers 301-306 25 18'-6" #7 Electric Dimmers 313-324 26 19'-0" 27 19'-6" 28 20'-0" 29 20'-6" 30 21'-1" 31 21'-6" #3 Border 32 22'-0" #3 Legs 33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	20	16'-0"	#2 Border/Blackout	
23 17'-6" 24 18'-0" Boom Cable X/O Dimmers 301-306 25 18'-6" #7 Electric Dimmers 313-324 26 19'-0" 27 19'-6" 28 20'-0" 29 20'-6" 30 21'-1" 31 21'-6" #3 Border 32 22'-0" #3 Legs 33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	21	16'-6"	#2 Legs	
24 18'-0" Boom Cable X/O Dimmers 301-306 25 18'-6" #7 Electric Dimmers 313-324 26 19'-0" 27 19'-6" 28 20'-0" 29 20'-6" 30 21'-1" 31 21'-6" #3 Border 32 22'-0" #3 Legs 33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	22	17'-0"		
25 18'-6" #7 Electric Dimmers 313-324 26 19'-0" 27 19'-6" 28 20'-0" 29 20'-6" 30 21'-1" 31 21'-6" #3 Border 32 22'-0" #3 Legs 33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	23	17'-6"		
26 19'-0" 27 19'-6" 28 20'-0" 29 20'-6" 30 21'-1" 31 21'-6" #3 Border 32 22'-0" #3 Legs 33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	24	18'-0"	Boom Cable X/O	Dimmers 301-306
27 19'-6" 28 20'-0" 29 20'-6" 30 21'-1" 31 21'-6" #3 Border 32 22'-0" #3 Legs 33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	25	18'-6"	#7 Electric	Dimmers 313-324
28 20'-0" 29 20'-6" 30 21'-1" 31 21'-6" #3 Border 32 22'-0" #3 Legs 33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	26	19'-0"		
29 20'-6" 30 21'-1" 31 21'-6" #3 Border 32 22'-0" #3 Legs 33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	27	19'-6"		
30 21'-1" 31 21'-6" #3 Border 32 22'-0" #3 Legs 33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	28	20'-0"		
31 21'-6" #3 Border 32 22'-0" #3 Legs 33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	29	20'-6"		
32 22'-0" #3 Legs 33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	30	21'-1"		
33 22'-6" 34 23'-0" #8 Electric D60s. Relay 393	31	21'-6"	#3 Border	
34 23'-0" #8 Electric D60s. Relay 393	32	22'-0"	#3 Legs	
•	33	22'-6"		
•	34	23'-0"	#8 Electric	D60s. Relay 393
	35	23'-6"		-



HOUSE LINE SET SCHEDULE (CONTINUED)

HOUSE LINE	SET SCHEDOLL (CONTIN	OLD)	
Line Set #	Distance from Plaster	House Hang	Notes
36	24'-0"	#9 Electric	Dimmers 337-348
37	24'-6"		
38	25'-10"	Boom Cable X/O	Dimmers 349-354
39	26'-6"		
40	27'-0"	#4 Border	
41	27'-6"	#4 Legs	
42	28'-0"		
43	28'-6"		
44	29'-0"		
45	29'-6"	#10 Electric	D60s. Relay 394
46	30'-0"		
47	30'-6"		
48	31'-0"	Black traveler	49'-11" track
49	31'-6"		
50	32'-0"		
51	32'-6"	#5 Border	
52	33'-0"		
53	33'-6"		
54	34'-0"	#5 Legs	
55	34'-6"		
56	35'-0"	Rosco RP screen	
57	35'-6"		
58	37'-0"		
59	37'-6"		
60	38'-0"		
61	38'-5"	Muslin bounce drop	
62	38'-11"	Blackout Drape	

