Version 4.3 September 9, 2026

Lighting & Scenic Drawings



www.LXTater.com
tater@lxtater.com

PRODUCTION TITLE

Ella Mai - DYSLM? EU

PRODUCTION CREW

DWG. AUTHOR	Sean "Tater" Mines
PROD MANAGER	Noah Almekinder
PROD STAGE MGR.	Gabi Clark
SCENIC DES.	DWG. AUTHOR
PROD. ELEC.	Dylan Nosal
PROGRAMMER	DWG. AUTHOR

DRAWING INFO

CAD FILE

Tater-EllaMai-DYSLM-V4.3.vwx

Contents:

Lighting Overview Sht-3

Lighting US Carrier Pipe Sht-4

Scenic Dimensions Sht-5

Scenic Renders Sht-6

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Power and Data Schematics Sht-8

LX Patch Sht-9

Revision Changelog:

*latest revisions in greentext

Version	Date	Notes
Version 0.0	Aug. 30 2026	File Created. Rough layout of set.
Version 1.3	Sep. 1 2026	Details added to all sections of design layers. First Sheet Layers rendered.
Version 2.0	Sep. 2 2026	More details in both design and sheet layers. Title Block imported.
Version 3.4	Sep. 4 2026	Swapped Tyler Truss to MLT Two
Version 3.7	Sep. 6 2026	Swapped all MLTTwo truss to MLTOne (1.6m).
Version 3.8	Sep. 6 2026	Finalized lighting floor plot and patch.
Version 3.9	Sep. 6 2026	Added accurate dimensions, and models of real furniture.
Version 4.2	Sep. 6 2026	Updated Cover Page, Began building UK rig, updates to all dimensions
Version 4.3	Sep. 9 2026	Updated Truss Leg Dimensions. Added LX Control Sheet Layer. Finalized documentation

Disclaimer:

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This document represents the design intent at the time of issue. Only the most recently issued revision shall be considered valid.

Rigging, power distribution, and load calculations shown herein must be verified by a qualified rigger, electrician, or structural engineer prior to installation. All rigging points, motors, truss spans, and weight distributions must comply with venue-specific structural limits and all applicable safety codes and regulations in the jurisdiction of installation.

The Lighting Designer / Drawing Author assumes no liability for injury, death, or property damage resulting from installation, modification of this plot, failure to verify structural capacities, or failure to comply with manufacturer specifications and applicable safety regulations. Any party that installs, modifies, or executes work based on this document agrees to hold the Lighting Designer / Drawing Author harmless from any claims, damages, or expenses arising from that work. Final responsibility for safe execution rests with the installing crew, production manager, and venue representative.

This document is not a substitute for a certified structural or engineering review where required by venue or jurisdiction.

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DRAWING INFO

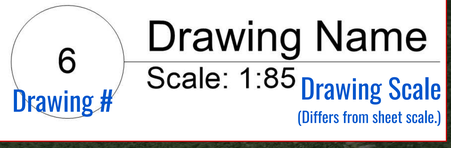
CAD FILE

Tater-EllaMai-DYSLM-V4.3.vwx

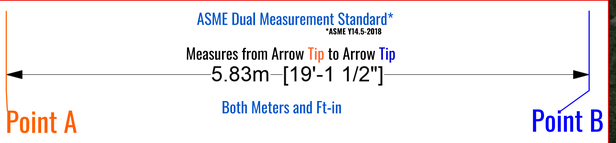
Drawing Guide

A small guide going over how to read the drawings

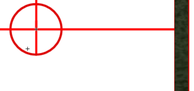
Drawing Annotations



Dimension Guide



DSC Mark



Labels the DSC point which is where the Downstage edge aligns with the Centerline of the stage

Schematic "Break" Symbol



Notates break in a cable loom.
To infer connections on either side of the break.

Symbol Key

Icon	Name @ Power	Qty.
	MAC One @ 180w	8
	Extra Info (In Red)	

Micro Title Block - Less information



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PROD. ELEC.	Dylan Nosal
PROGRAMMER	DWG. AUTHOR

DRAWING INFO
CAD FILE: Tater-EllaMai-DYSLM-V4.3.vwx

Main Title Block



PRODUCTION	
PRODUCTION TITLE	*Ella Mai - DYSLM? EU*
VENUE: MULTI	CITY: MULTI
DRAWING TITLE	Contents + Revision

PRODUCTION CREW	
DWG. AUTHOR	Sean "Tater" Mines
PROD MANAGER	Noah Almekinder
PROD STAGE MGR.	Gabi Clark
SCENIC DES.	DWG. AUTHOR
PROD. ELEC.	Dylan Nosal
PROGRAMMER	DWG. AUTHOR

DRAWING INFO	
SCALE: 1:1	DWG NUMBER: Sht-2.5 of 8
PAGE SIZE: ARCH D	
CAD FILE: Tater-EllaMai-DYSLM-V4.3.vwx	

Name of show, and location

Name of current sheet

Crew involved with production

Important information, scale, current sheet, page size, and the CAD file. The version is also listed in the cad file name.

Symbol Key

NOTES

Very important information is contained within the notes section. If a sheet does not require notes, there will be no "Notes" section.



PRODUCTION	
PRODUCTION TITLE	*Ella Mai - DYSLM? EU*
VENUE: MULTI	CITY: MULTI
DRAWING TITLE	Drawing Guide

PRODUCTION CREW	
DWG. AUTHOR	Sean "Tater" Mines
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SCENIC DES.	DWG. AUTHOR
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PROGRAMMER	DWG. AUTHOR

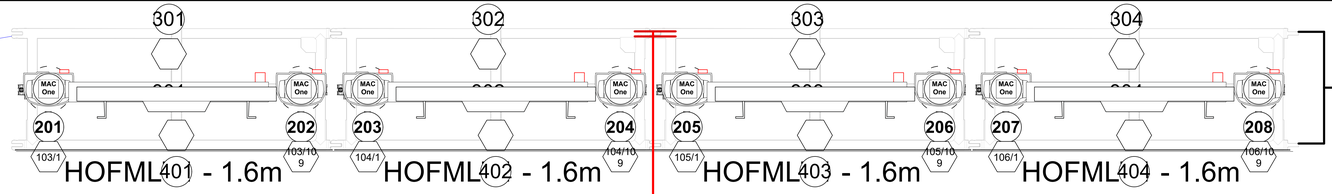
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PAGE SIZE: ARCH D	
CAD FILE: Tater-EllaMai-DYSLM-V4.3.vwx	

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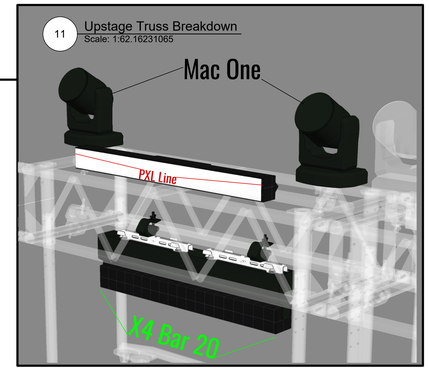
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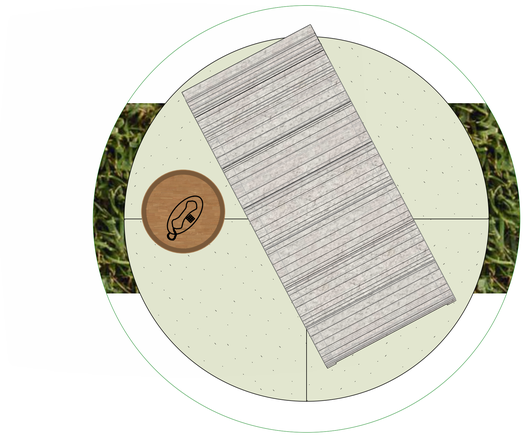
All cable inside upstage truss chord

1 Lighting Top Overview
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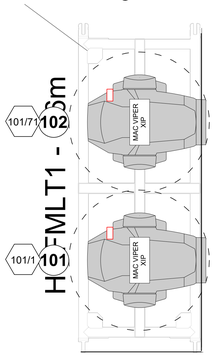


11 Upstage Truss Breakdown
Scale: 1:62.16231065



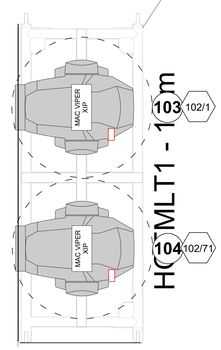


All cable inside offstage truss chord

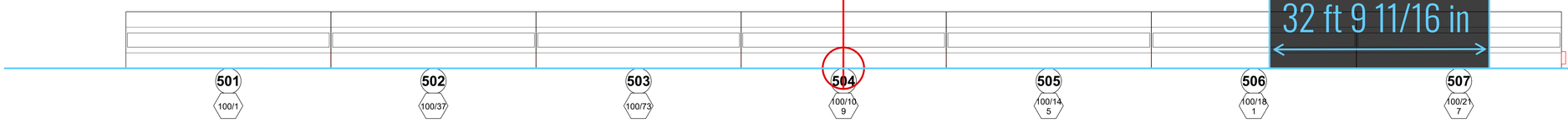


5 Meters
stage deep
16 ft 4 27/32 in

All cable inside offstage truss chord



10 Meters
stage wide
32 ft 9 11/16 in

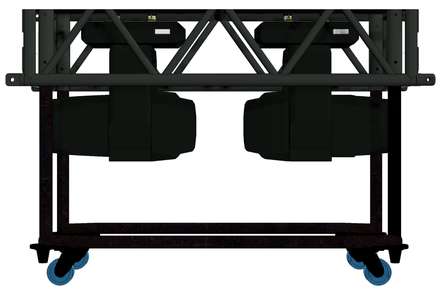


DSC

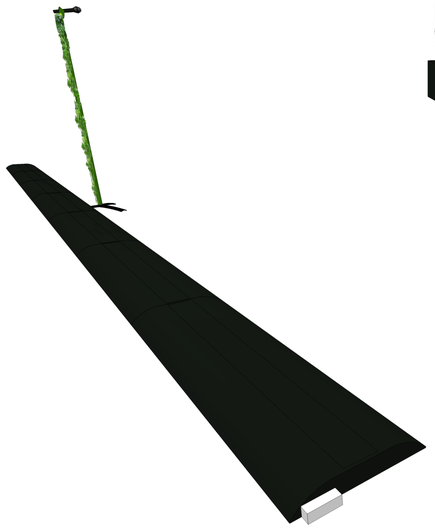
4 Side Truss Front
Scale: 1:89.19515405



8 SL Side LX
Scale: 1:70



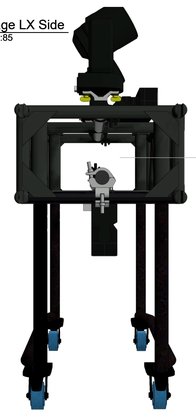
2 Footsies Iso
Scale: 1:53.99148243



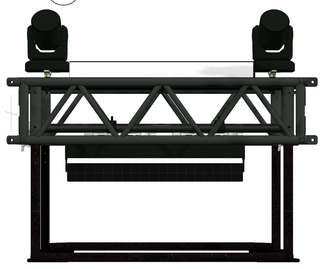
10 LX Atmos
Scale: 1:70



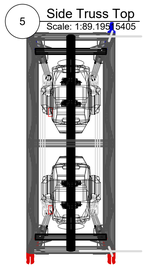
6 Upstage LX Side
Scale: 1:85



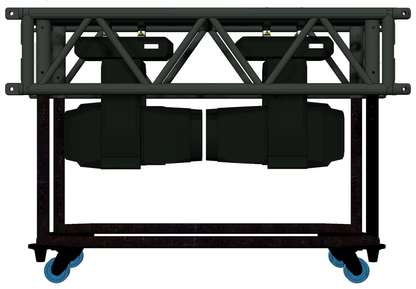
7 Upstage LX Front
Scale: 1:85



5 Side Truss Top
Scale: 1:89.19515405



9 SR Side LX
Scale: 1:70



3 Upstage LX Truss
Scale: 1:70



Symbol Key

	MAC Viper XIP @ 1.4kw 70Ch Mode	4
	MAC One @ 180w 108Ch Mode	8
	Impression X4 Bar 20 450 w @	4
	Robe Lighting Footsie2 @ 85 w 36Ch Mode	7
	ACME PIXEL LINE IP(STROBE 3 IP) RGB @ 420 w 119Ch Mode	4
	Smoke Factory FanAx Mini @ 150w	1
	Smoke Factory Tour Haze II @ 1.5kw	1

NOTES

Notes:

- LX Control: See Sht-7

- Truss shown is HOF Alutec MLT One 160

- Truss height is near-to-scale. No official DWGs from truss mfr available.

- All cable for US LX truss shall run on the upstage chord.

- All cable for Side LX truss shall run on the offstage chord. No bright-colored connectors, tape, or labels.

- Single dimmer pack for the practical lamp onstage.

- US carrier pipe details on Sht-3.

- All truss remains on the ground. Fixtures must have full pan/tilt range while truss is on its legs.

- All Footsie fixtures fitted with "Medium Diffusion" filters.

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ELLA MAI
Do You Still Love Me?
2026 Tour

PRODUCTION

PRODUCTION TITLE
Ella Mai - DYSLM? EU

VENUE	CITY
MULTI	MULTI

DRAWING TITLE
Lighting Overview

PRODUCTION CREW

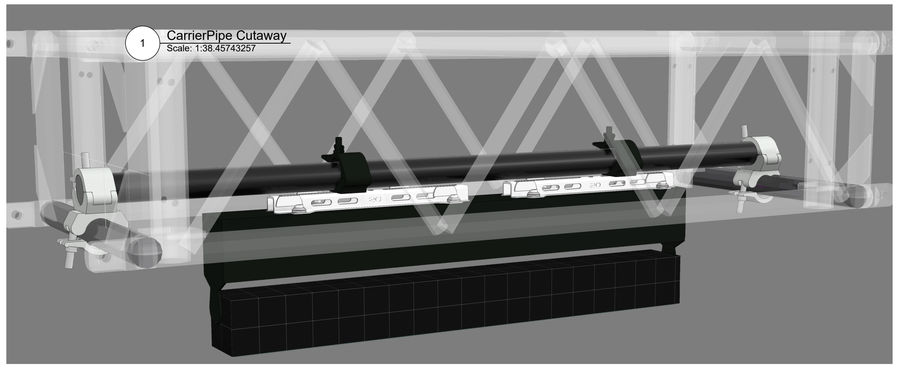
DWG. AUTHOR	Sean "Tater" Mines
PROD MANAGER	Noah Almekinder
PROD STAGE MGR.	Gabi Clark
SCENIC DES.	DWG. AUTHOR
PROD. ELEC.	Dylan Nosal
PROGRAMMER	DWG. AUTHOR

DRAWING INFO

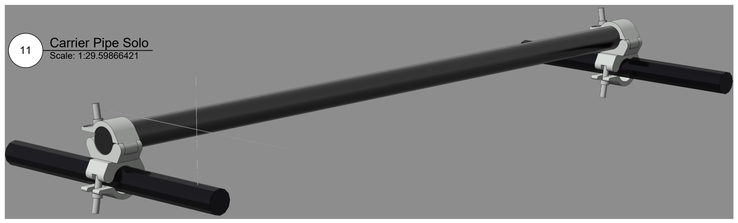
SCALE	DWG NUMBER
1:1	Sht-3 of 8
PAGE SIZE	
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CAD FILE
Tater-EllaMai-DYSLM-V4.3.vwx

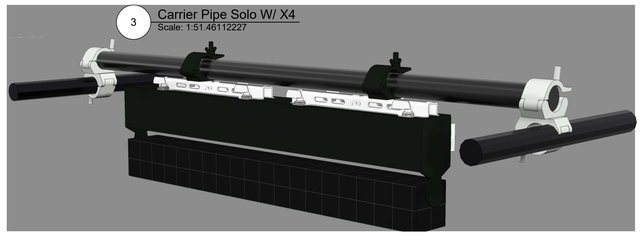
1 CarrierPipe Cutaway
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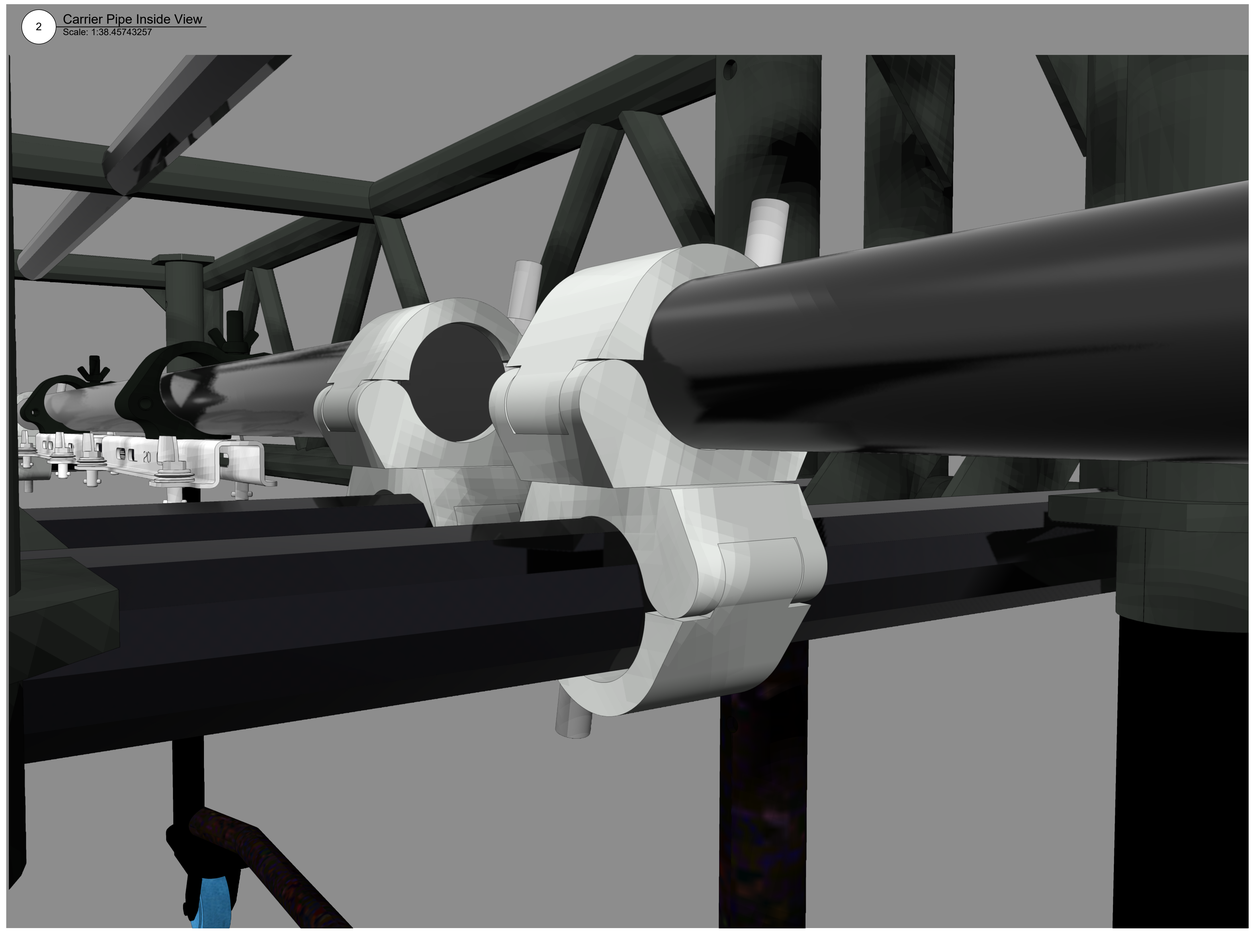
11 Carrier Pipe Solo
Scale: 1:29.59866421



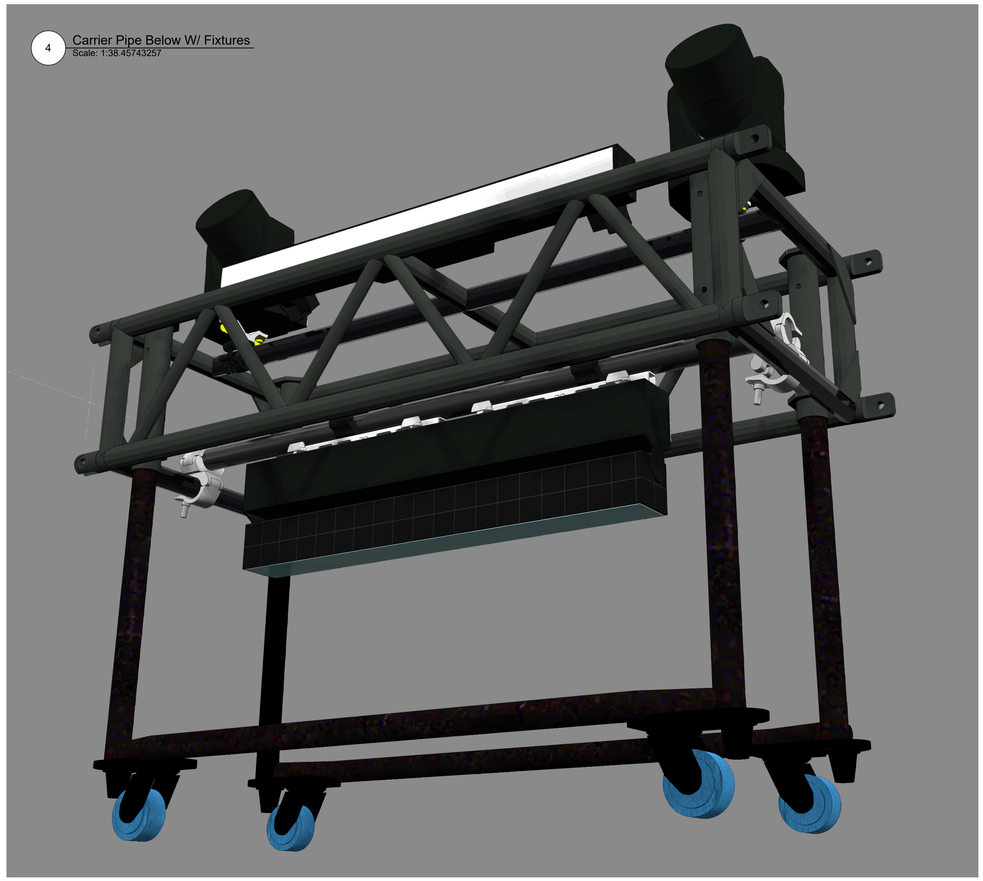
3 Carrier Pipe Solo W/ X4
Scale: 1:51.46112227



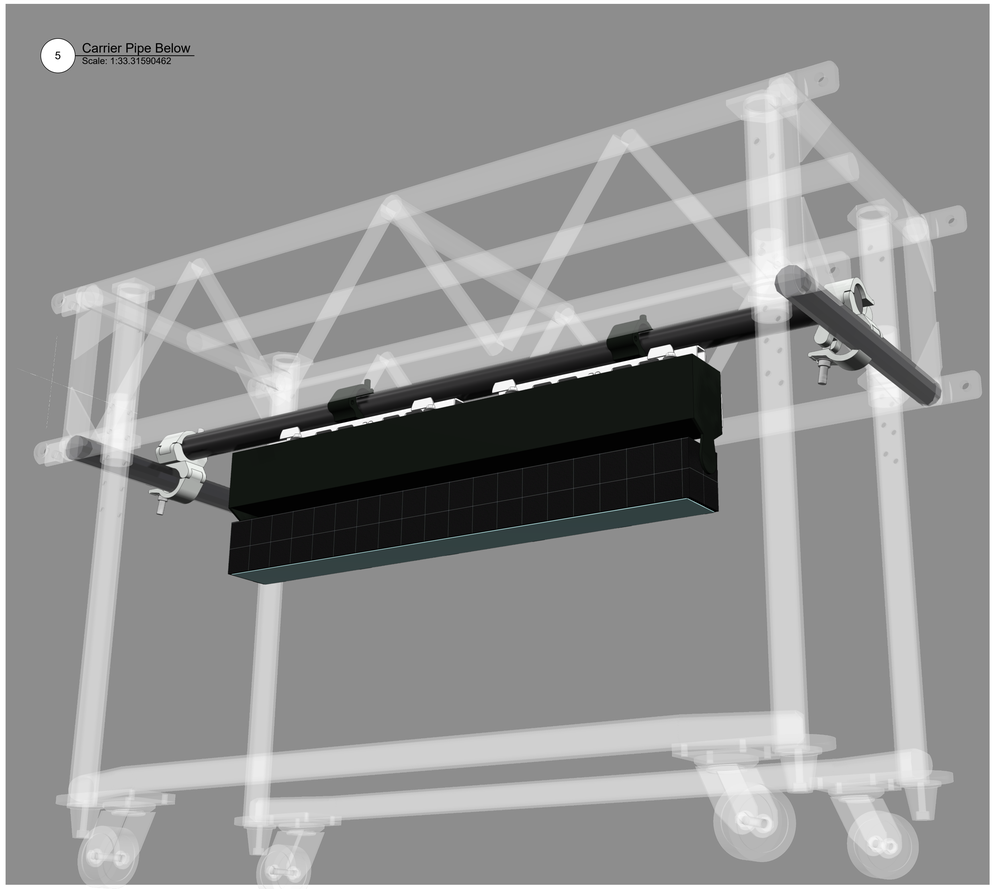
2 Carrier Pipe Inside View
Scale: 1:38.45743257



4 Carrier Pipe Below W/ Fixtures
Scale: 1:38.45743257



5 Carrier Pipe Below
Scale: 1:33.31590462



Symbol Key

	MAC Viper XIP @ 1.4kw	4
	MAC One @ 180w	8
	Impression X4 Bar 20 @ 450 w	4
	Robe Lighting Footsie2 @ 85 w	7
	ACME PIXEL LINE IP(STROBE 3 IP) RGB @ 420 w	4
	Smoke Factory FanAx Mini @ 150w	1
	Smoke Factory Tour Haze II @ 1.5kw	1

NOTES

Notes:

- Carrier pipe w/ non-swivel 90° cheeseboroughs.

- Fixtures attach to carrier pipe.

- All four US LX trusses are identical.

- Modeled to scale, incl. dims for the Acme Super Dotline brackets.

- All hardware is black. Items drawn lighter to help differentiate pieces.

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ELLA MAI
Do You Still Love Me?
2026 Tour

PRODUCTION

PRODUCTION TITLE
Ella Mai - DYSLM? EU

VENUE	CITY
MULTI	MULTI

DRAWING TITLE
Lighting US Carrier Pipe

PRODUCTION CREW

DWG. AUTHOR	Sean "Tater" Mines
PROD MANAGER	Noah Almekinder
PROD STAGE MGR.	Gabi Clark
SCENIC DES.	DWG. AUTHOR
PROD. ELEC.	Dylan Nosal
PROGRAMMER	DWG. AUTHOR

DRAWING INFO

SCALE	DWG NUMBER
1:1	Sht-4 of 8
PAGE SIZE: ARCH D	

CAD FILE
Tater-EllaMai-DYSLM-V4.3.vwx

1 Scenic Dimensions
Scale: 1:9.52451559

1.36m [4'-5 1/2"]
Grass Edge to US Truss

HOFMLT1 - 1.6m | HOFMLT1 - 1.6m | HOFMLT1 - 1.6m | HOFMLT1 - 1.6m

1.71m [5'-7 3/8"]
Chair Long

0.4m [1'-3 3/4"]
Table Diam.

Chair Platform
(Excluding Steps)
1.83m [6'-0"]

Depth of Grass
3.65m [11'-11 3/4"]

5 Meters
stage deep
16 ft 4 27/32 in

Width of Grass
10m [32'-9 3/4"]

10 Meters
stage wide
32 ft 9 11/16 in

HOFMLT1 - 1.6m

HOFMLT1 - 1.6m

DSC

4 Side Truss Dressing Onstage
Scale: 1:23.48381339

Truss Long
1.6m (5.25 Feet)



2 Side Truss Dressing Downstage
Scale: 1:23.48381339

Truss Short
0.61m (2 Feet)



Truss Height
1.13m (3.71 Feet)

All truss have similar dimensions.

7 Upstage Truss Dressing Downstage
Scale: 1:48.88709221



No Side Dressing for
Upstage truss

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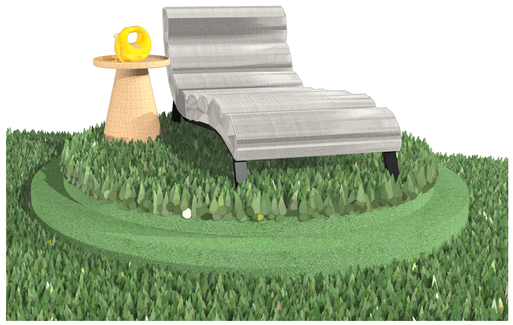
ELLA MAI
Do You Still Love Me?
2026 Tour

PRODUCTION	
PRODUCTION TITLE	*Ella Mai - DYSLM? EU*
VENUE: MULTI	CITY: MULTI
DRAWING TITLE	Scenic Dimensions

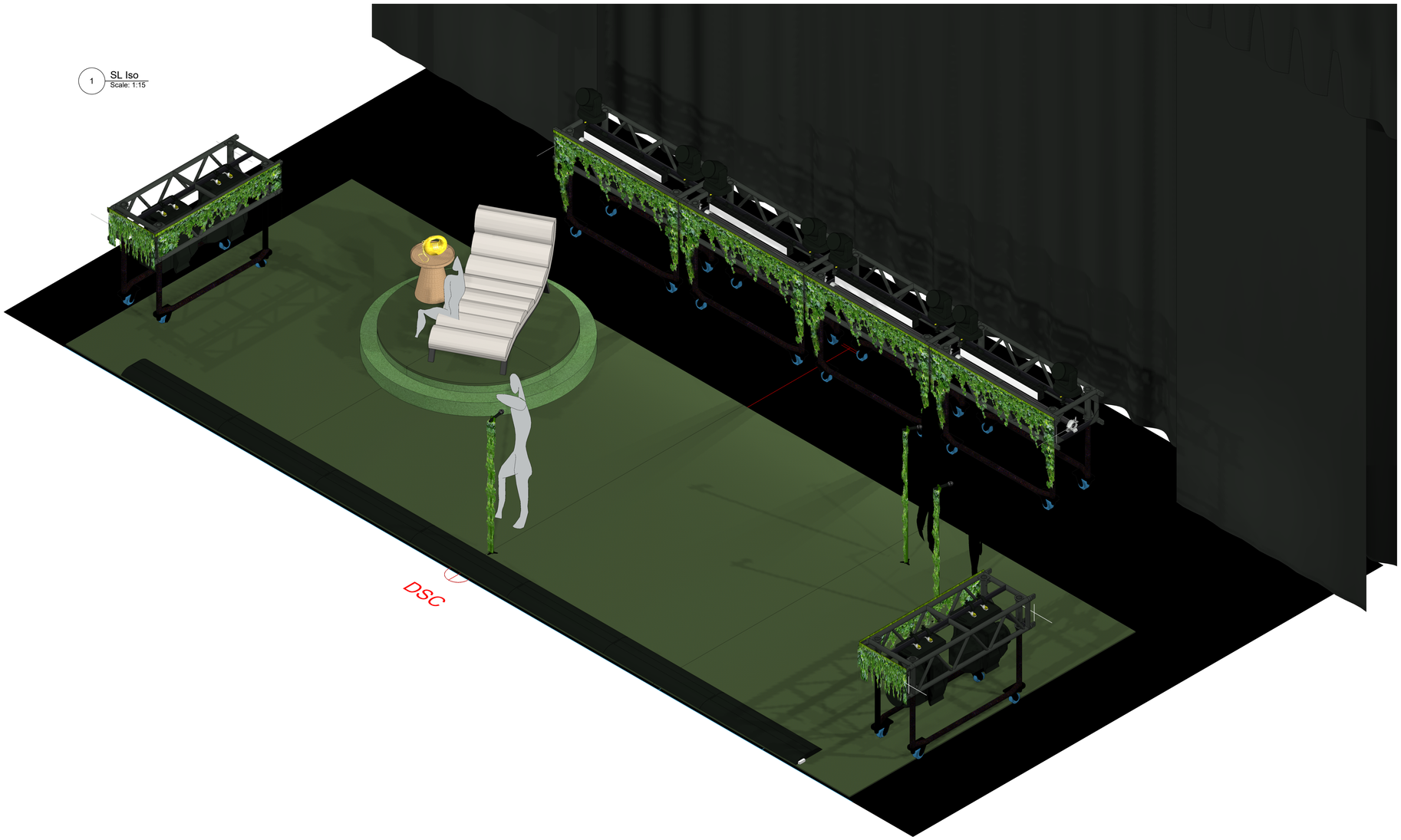
PRODUCTION CREW	
DWG. AUTHOR	Sean "Tater" Mines
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DRAWING INFO	
SCALE: 1:1	DWG NUMBER: Sht-5 of 8
PAGE SIZE: ARCH D	
CAD FILE: Tater-EllaMai-DYSLM-V4.3.vwx	

7 Circle Riser
Scale: 1:36.31783107



1 SL Iso
Scale: 1:15



2 Ella Mic Stand
Scale: 1:53.85584071

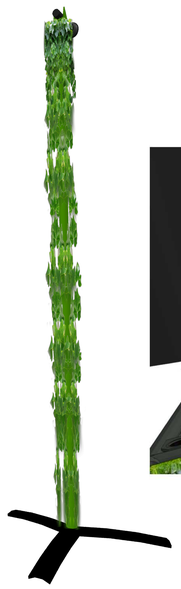


6 Side Table
Scale: 1:35.17851776



4 BGV Mic Stands
Scale: 1:53.85584071





3 Front Right RW
Scale: 1:70



5 Truss Cover
Scale: 1:53.85584071



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2026 Tour

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VENUE	MULTI
CITY	MULTI
DRAWING TITLE	Scenic Renders

PRODUCTION CREW

DWG. AUTHOR	Sean "Tater" Mines
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PROD STAGE MGR.	Gabi Clark
SCENIC DES.	DWG. AUTHOR
PROD. ELEC.	Dylan Nosal
PROGRAMMER	DWG. AUTHOR

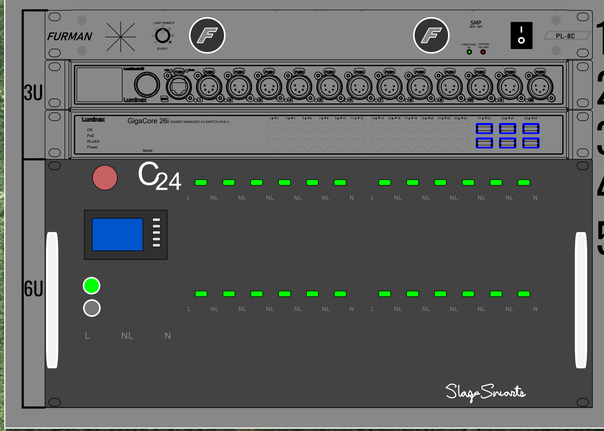
DRAWING INFO

SCALE: 1:1	DWG NUMBER: Sht-6 of 8
PAGE SIZE: ARCH D	
CAD FILE: Tater-EllaMai-DYSLM-V4.3.vwx	

Lighting Consoles + FOH Furniture

Rack 1 USR Min. 9U + UPS

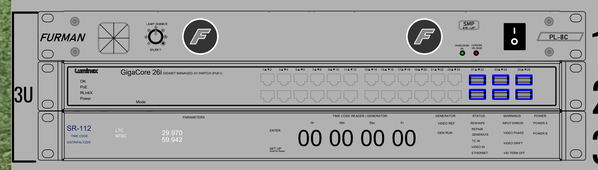
Dimmer Beach



1. Power Conditioner
2. Luminode 12
3. GigaCore 26i
4. C24 Distro
5. UPS (Not Drawn)

Rack 2 FOH Min. 3U + UPS

Fron of House



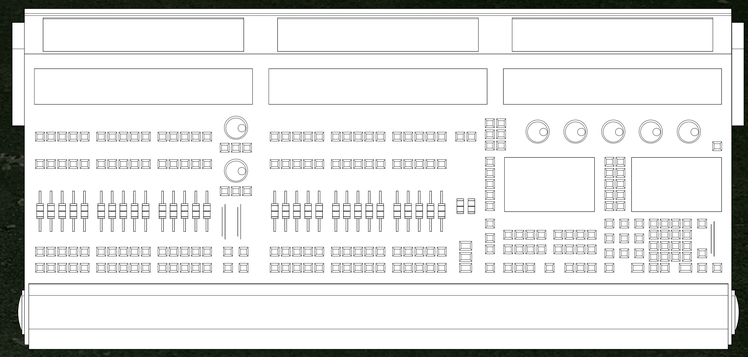
1. Power Conditioner
2. GigaCore 26i
3. SR-112
4. UPS (Not Drawn)

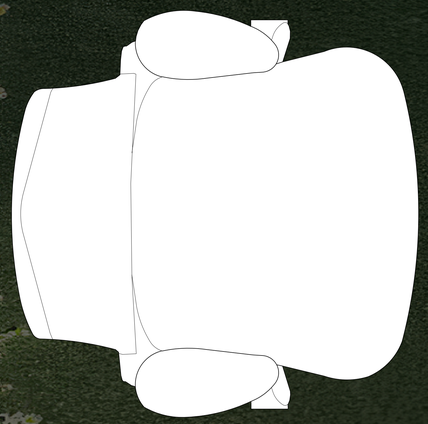
LX FOH Snake

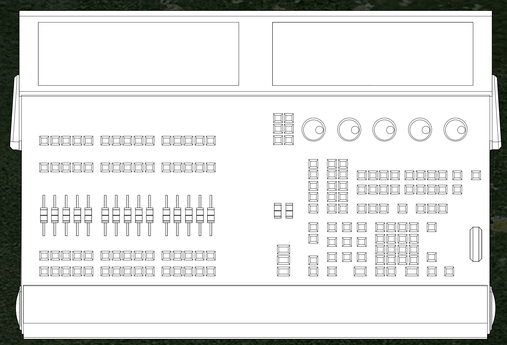
Shop Standard for club venues.

Cat5e + Spare Lines

Pref. coilable into a small roadcase.







~2m Folding Table

Symbol Key

- GrandMA 3 Full-Size (1 V. 2.5.0.3
- GrandMA 3 CompactXT (1 V. 2.5.0.3
- Quality, Ergonmic Chair (1 *see note*
- Lightweight Folding Table (2 ~2Meters

NOTES

Notes:

- Rack setups are a suggestion but strongly preferred

- UPS can be any professional-grade rack-mount spec.

- Furman power conditioner is a suggestion. Any professional-grade conditioner that works locally will be fine.

- Desk chair shall be free from holes and tears, in full working condition, and sturdy enough for touring. Preferably adjustable height for proper ergonomic wrist positioning at the lighting desk.

- Include 2x lightweight folding tables, pref. ones that fold in half.

- Consoles shall be factory-wiped (hold F8/8 during boot) prior to use. Software updates via USB only; updating through the console can introduce tracking bugs.

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ELLA MAI
Do You Still Love Me?
2026 Tour

PRODUCTION

PRODUCTION TITLE
Ella Mai - DYSLM? EU

VENUE	CITY
MULTI	MULTI

DRAWING TITLE
LX Control, Racks, FOH

PRODUCTION CREW

DWG. AUTHOR	Sean "Tater" Mines
PROD MANAGER	Noah Almekinder
PROD STAGE MGR.	Gabi Clark
SCENIC DES.	DWG. AUTHOR
PROD. ELEC.	Dylan Nosal
PROGRAMMER	DWG. AUTHOR

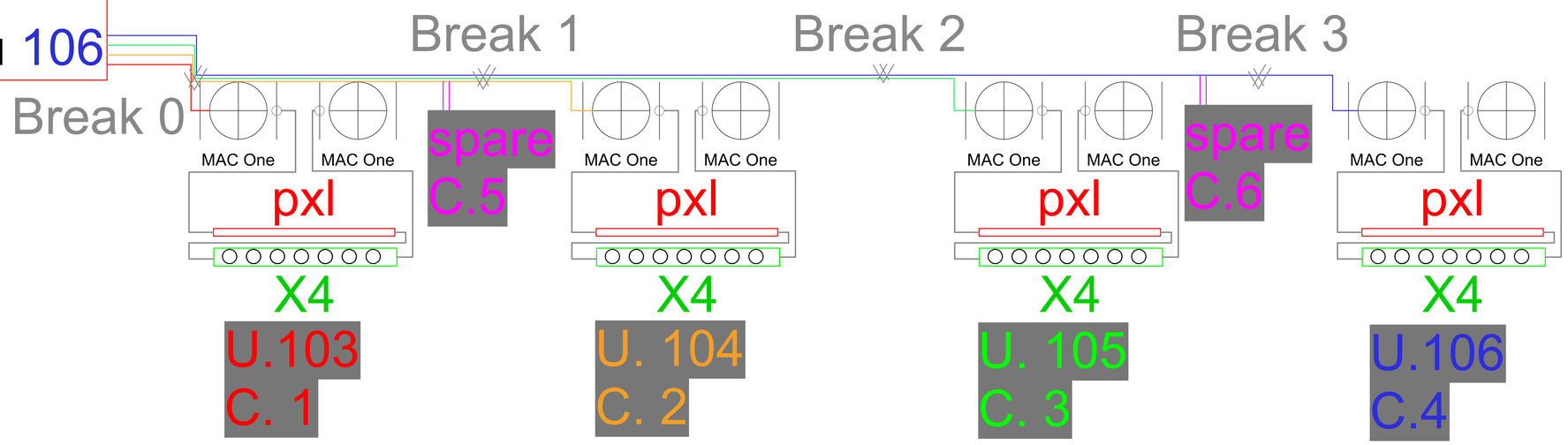
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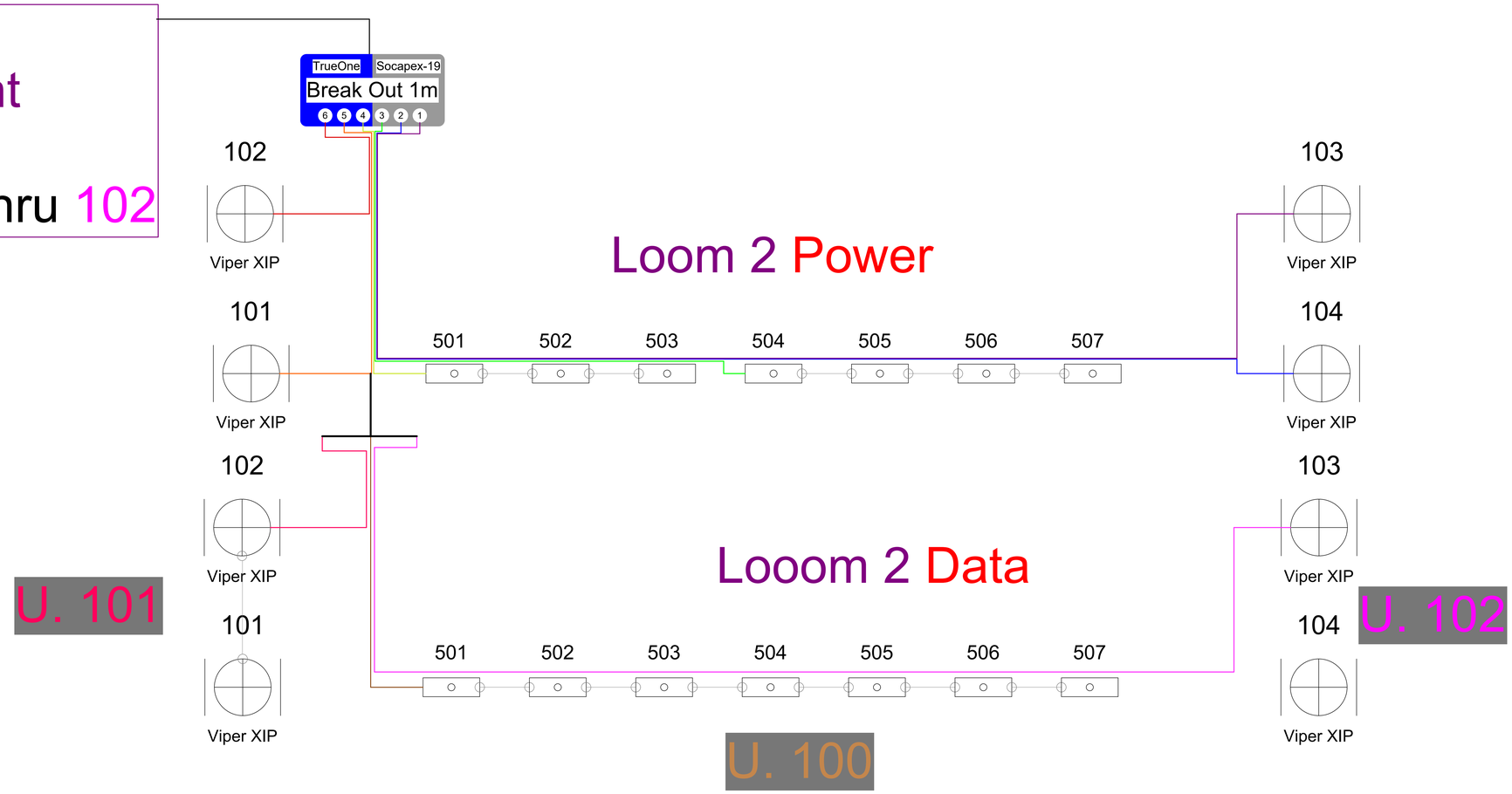
CAD FILE
Tater-EllaMai-DYSLM-V4.3.vwx

Loom 1
Upstage Right
Socapex 1
Universes 103 thru 106

Scoapex > TrueOne Breakout
CPC > DMX-5 Breakout



Loom 2
Downstage Right
Socapex 2
Universes 100 thru 102



Symbol Key

NOTES

Notes:

- No cable shall plug directly into a fixture for load-in or load-out. All breakable connections shall be made connector-to-connector via jumpers.

- Power calculations are based on mfr data. Real-world conditions may differ; adjust power requirements accordingly.

- Circuit numbers do not correspond to socapex circuits. Balance circuits based on the wiring of your distros, socapex, and breakouts.

- All trusses shall move independently from one another after breaking connections at the midpoint.

- Loom power and data together where logical.

- US truss schematic includes both power and data. Each break is a section where jumpers will need to be installed and color-coded.

- All DS crossover cable shall follow the trough built into the footsies.

- Only TRUE1 connectors on the truss. No 16A connectors or other connector types visible.

- All socapex breakouts/fanouts shall be socapex to TRUE1. No large or brightly colored connectors.

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ELLA MAI
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2026 Tour

PRODUCTION

PRODUCTION TITLE	*Ella Mai - DYSLM? EU*
VENUE	MULTI
CITY	MULTI
DRAWING TITLE	Power and Data Schematic

PRODUCTION CREW

DWG. AUTHOR	Sean "Tater" Mines
PROD MANAGER	Noah Almekinder
PROD STAGE MGR.	Gabi Clark
SCENIC DES.	DWG. AUTHOR
PROD. ELEC.	Dylan Nosal
PROGRAMMER	DWG. AUTHOR

DRAWING INFO

SCALE	1:1
DWG NUMBER	Sh-8 of 8
PAGE SIZE	ARCH D
CAD FILE	Tater-EllaMai-DYSLM-V4.3.vwx

FID	Manf.	FixName	Location	Mode	Uni/Add
101	Martin	Viper XIP	DSR Truss (DSR Side)	Ludicrs- 70ch	101/1
102	Martin	Viper XIP	DSR Truss (MSR Side)	Ludicrs- 70ch	101/71
103	Martin	Viper XIP	DSL Truss (MSL Side)	Ludicrs- 70ch	102/1
104	Martin	Viper XIP	DSL Truss (DSL Side)	Ludicrs- 70ch	102/71
201	Martin	MAC One	US Truss 1 (SR)	Ludicrs- 108Ch	103/1
202	Martin	MAC One	US Truss 1 (SR)	Ludicrs- 108Ch	103/109
203	Martin	MAC One	US Truss 2 (C.SR)	Ludicrs- 108Ch	104/1
204	Martin	MAC One	US Truss 2 (C.SR)	Ludicrs- 108Ch	104/109
205	Martin	MAC One	US Truss 3 (C.SL)	Ludicrs- 108Ch	105/1
206	Martin	MAC One	US Truss 3 (C.SL)	Ludicrs- 108Ch	105/109
207	Martin	MAC One	US Truss 4 (SL)	Ludicrs- 108Ch	106/1
208	Martin	MAC One	US Truss 4 (SL)	Ludicrs- 108Ch	106/109
301	GLP	Imp X4 Bar20	US Truss 1 (SR)	SinglPxlH.Res- 89Ch	103/217
302	GLP	Imp X4 Bar20	US Truss 2 (C.SR)	SinglPxlH.Res- 89Ch	104/217
303	GLP	Imp X4 Bar20	US Truss 3 (C.SL)	SinglPxlH.Res- 89Ch	105/217
304	GLP	Imp X4 Bar20	US Truss 4 (SL)	SinglPxlH.Res- 89Ch	106/217
401	Acme	PIXLLINE IP RGB	US Truss 1 (SR)	M13- 119ch	103/306
402	Acme	PIXLLINE IP RGB	US Truss 2 (C.SR)	M13- 119ch	104/306
403	Acme	PIXLLINE IP RGB	US Truss 3 (C.SL)	M13- 119ch	105/306
404	Acme	PIXLLINE IP RGB	US Truss 4 (SL)	M13- 119ch	106/306
501	Robe	Footsie2	Foot (DSR)	M2Stand16b- 36ch	100/1
502	Robe	Footsie2	Foot (DS)	M2Stand16b- 36ch	100/37
503	Robe	Footsie2	Foot (DS)	M2Stand16b- 36ch	100/73
504	Robe	Footsie2	Foot (DSC)	M2Stand16b- 36ch	100/109
505	Robe	Footsie2	Foot (DS)	M2Stand16b- 36ch	100/145
506	Robe	Footsie2	Foot (DS)	M2Stand16b- 36ch	100/181
507	Robe	Footsie2	Foot (DSL)	M2Stand16b- 36ch	100/217
420	SmokeFact.	TourHaze2	Upstage Right	2ch	111/420
421	SmokeFact.	FanAx Mini	Upstage Right	1ch	111/422

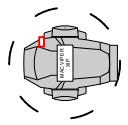
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Updated: 9 Sep. 2026

Version: 4.3

Color Code:

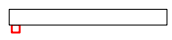
U100	U103	U106
U101	U104	U110
U102	U105	~~U111~~



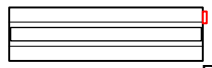
MAC Viper XIP @ 1.4kw 4



MAC One @ 180w 8



Impression X4 Bar 20 @ 450 w 4



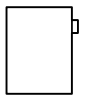
Robe Lighting Footsie2 @ 85 w 7



ACME PIXEL LINE IP(STROBE 3 IP) RGB @ 420 w 4



Smoke Factory FanAx Mini @ 150w 1



Smoke Factory Tour Haze II @ 1.5kw 1

See also attached:

Tater-EM-EuropePatch.pdf

Tater-EM-EuropePatch.mvr