

Volleyball Nations League 2022			
	Lighting Designer	Francis Clegg	
	Design Firm	Tanck	
	Version	Preliminaries	
	Printed By	Francis Clegg	Print Time Apr/08/22
	File	VNL 2022 - B Rig (Preliminaries) - V1_4 - Cover Page	



Lighting Advance Document Pack
VNL 2022 - B Rig (Preliminaries)

VNL

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File	VNL 2022 - B Rig (Preliminaries) - V1_4 - Rigging - Truss Only	



Rigging Truss Layout (Overview)

Truss Info

Truss ID	Truss Type	Length Imperial	Length Metric
LX1	LOCAL	148'	45m
LX2	LOCAL	69'	21m
LX3	LOCAL	148'	45m
LX4	LOCAL	69'	21m

Truss Make-Up

LX1 - Top Truss (Red)
45m Run of 40cm (16") Black Box Truss

LX2 - Right Truss (Yellow)
21m Run of 40cm (16") Black Box Truss

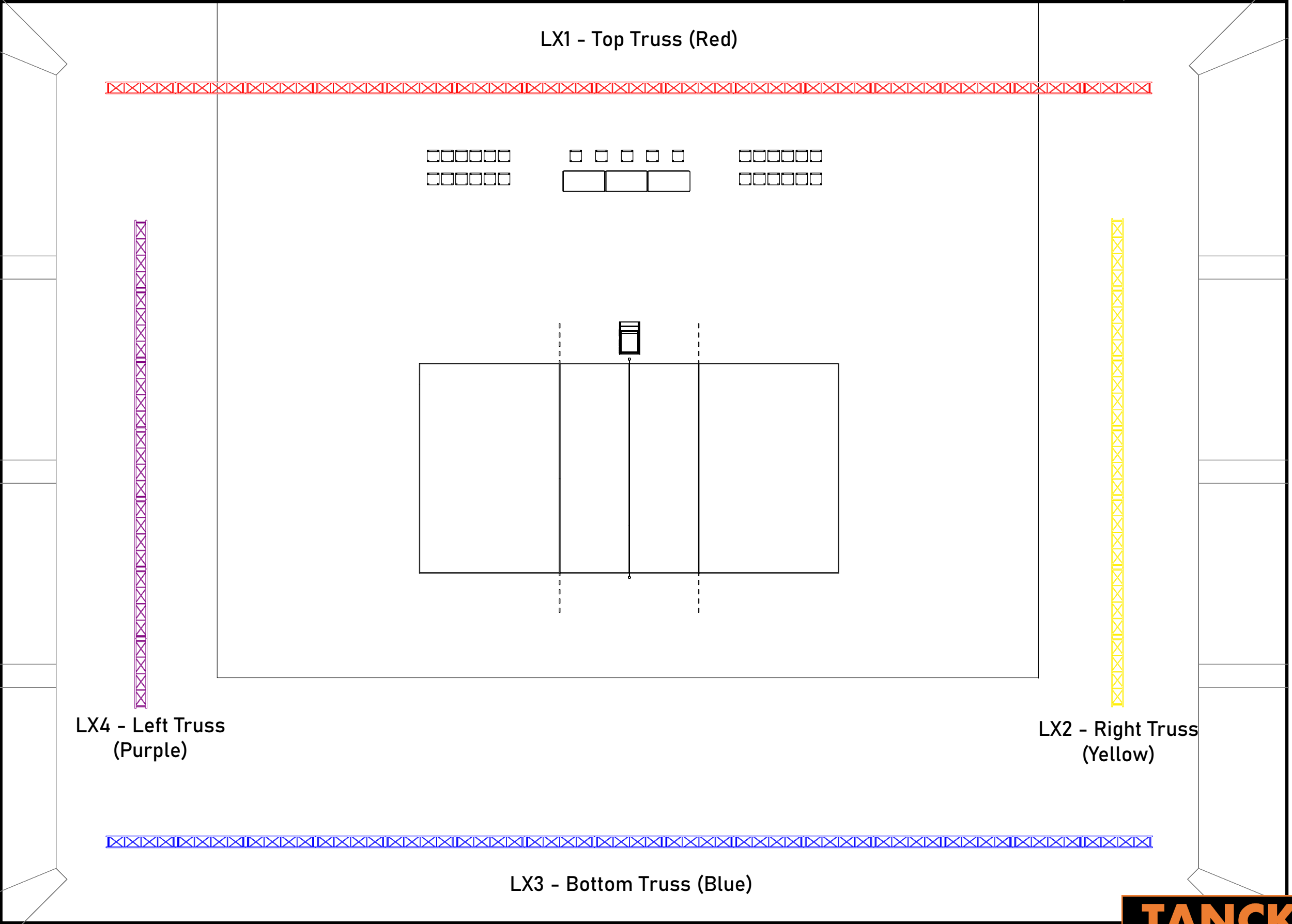
LX3 - Bottom Truss (Blue)
45m Run of 40cm (16") Black Box Truss

LX4 - Left Truss (Purple)
21m Run of 40cm (16") Black Box Truss

Floor Towers
17 off 30cm (12") Black Box Truss Towers, on suitable baseplates

Trim Height Info

Truss ID	Truss Type	Trim Imperial	Trim Metric
LX1	LOCAL	41'	12.5m
LX2	LOCAL	41'	12.5m
LX3	LOCAL	41'	12.5m
LX4	LOCAL	41'	12.5m



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Lighting Designer Francis Clegg

Design Firm Tanck

Version Preliminaries

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File VNL 2022 - B Rig (Preliminaries) - V1_4 - Rigging - Truss & Points

Rigging Truss & Point Layout (Overview)



Truss Info

Truss ID	Truss Type	Length Imperial	Length Metric
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LX4	LOCAL	69'	21m

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LX2	LOCAL	41'	12.5m
LX3	LOCAL	41'	12.5m
LX4	LOCAL	41'	12.5m

LX4 - Left Truss
(Purple)

LX2 - Right Truss
(Yellow)

LX3 - Bottom Truss (Blue)

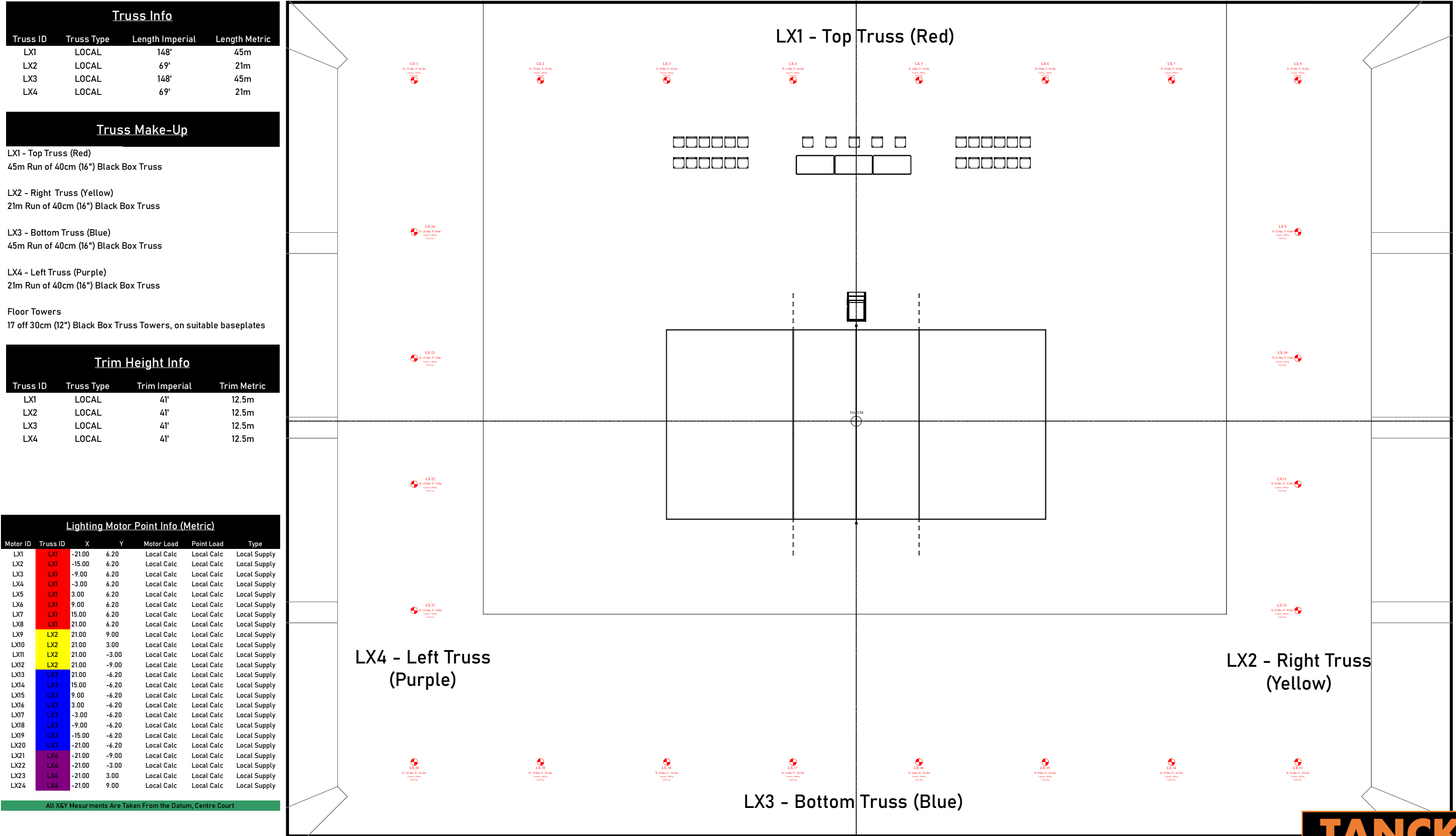
VNL

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Rigging Point Layout (Overview)



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Truss Info

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LX3	LOCAL	41'	12.5m
LX4	LOCAL	41'	12.5m

Rigging Point Worksheet



Lighting Motor Point Info (Metric)

Motor ID	Truss ID	X	Y	Motor Load	Point Load	Type
LX1	LX1	-21.00	6.20	Local Calc	Local Calc	Local Supply
LX2	LX1	-15.00	6.20	Local Calc	Local Calc	Local Supply
LX3	LX1	-9.00	6.20	Local Calc	Local Calc	Local Supply
LX4	LX1	-3.00	6.20	Local Calc	Local Calc	Local Supply
LX5	LX1	3.00	6.20	Local Calc	Local Calc	Local Supply
LX6	LX1	9.00	6.20	Local Calc	Local Calc	Local Supply
LX7	LX1	15.00	6.20	Local Calc	Local Calc	Local Supply
LX8	LX1	21.00	6.20	Local Calc	Local Calc	Local Supply
LX9	LX2	21.00	9.00	Local Calc	Local Calc	Local Supply
LX10	LX2	21.00	3.00	Local Calc	Local Calc	Local Supply
LX11	LX2	21.00	-3.00	Local Calc	Local Calc	Local Supply
LX12	LX2	21.00	-9.00	Local Calc	Local Calc	Local Supply
LX13	LX3	21.00	-6.20	Local Calc	Local Calc	Local Supply
LX14	LX3	15.00	-6.20	Local Calc	Local Calc	Local Supply
LX15	LX3	9.00	-6.20	Local Calc	Local Calc	Local Supply
LX16	LX3	3.00	-6.20	Local Calc	Local Calc	Local Supply
LX17	LX3	-3.00	-6.20	Local Calc	Local Calc	Local Supply
LX18	LX3	-9.00	-6.20	Local Calc	Local Calc	Local Supply
LX19	LX3	-15.00	-6.20	Local Calc	Local Calc	Local Supply
LX20	LX3	-21.00	-6.20	Local Calc	Local Calc	Local Supply
LX21	LX4	-21.00	-9.00	Local Calc	Local Calc	Local Supply
LX22	LX4	-21.00	-3.00	Local Calc	Local Calc	Local Supply
LX23	LX4	-21.00	3.00	Local Calc	Local Calc	Local Supply
LX24	LX4	-21.00	9.00	Local Calc	Local Calc	Local Supply

All X&Y Mesurments Are Taken From the Datum, Centre Court

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Rigging Kit List

Truss Info			
Truss ID	Truss Type	Length Imperial	Length Metric
LX1	LOCAL	148'	45m
LX2	LOCAL	69'	21m
LX3	LOCAL	148'	45m
LX4	LOCAL	69'	21m

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Trim Height Info			
Truss ID	Truss Type	Trim Imperial	Trim Metric
LX1	LOCAL	41"	12.5m
LX2	LOCAL	41"	12.5m
LX3	LOCAL	41"	12.5m
LX4	LOCAL	41"	12.5m

Lighting Motor Point Info (Metric)						
Motor ID	Truss ID	X	Y	Motor Load	Point Load	Type
LX1	LX1	-21.00	6.20	Local Calc	Local Calc	Local Supply
LX2	LX1	-15.00	6.20	Local Calc	Local Calc	Local Supply
LX3	LX1	-9.00	6.20	Local Calc	Local Calc	Local Supply
LX4	LX1	-3.00	6.20	Local Calc	Local Calc	Local Supply
LX5	LX1	3.00	6.20	Local Calc	Local Calc	Local Supply
LX6	LX1	9.00	6.20	Local Calc	Local Calc	Local Supply
LX7	LX1	15.00	6.20	Local Calc	Local Calc	Local Supply
LX8	LX1	21.00	6.20	Local Calc	Local Calc	Local Supply
LX9	LX2	21.00	9.00	Local Calc	Local Calc	Local Supply
LX10	LX2	21.00	3.00	Local Calc	Local Calc	Local Supply
LX11	LX2	21.00	-3.00	Local Calc	Local Calc	Local Supply
LX12	LX2	21.00	-9.00	Local Calc	Local Calc	Local Supply
LX13	LX3	21.00	-6.20	Local Calc	Local Calc	Local Supply
LX14	LX3	15.00	-6.20	Local Calc	Local Calc	Local Supply
LX15	LX3	9.00	-6.20	Local Calc	Local Calc	Local Supply
LX16	LX3	3.00	-6.20	Local Calc	Local Calc	Local Supply
LX17	LX3	-3.00	-6.20	Local Calc	Local Calc	Local Supply
LX18	LX3	-9.00	-6.20	Local Calc	Local Calc	Local Supply
LX19	LX3	-15.00	-6.20	Local Calc	Local Calc	Local Supply
LX20	LX3	-21.00	-6.20	Local Calc	Local Calc	Local Supply
LX21	LX4	-21.00	-9.00	Local Calc	Local Calc	Local Supply
LX22	LX4	-21.00	-3.00	Local Calc	Local Calc	Local Supply
LX23	LX4	-21.00	3.00	Local Calc	Local Calc	Local Supply
LX24	LX4	-21.00	9.00	Local Calc	Local Calc	Local Supply

All X&Y Mesurments Are Taken From the Datum, Centre Court

Local Supply - Rigging Kit List

Item	Type	Count:
LX1 Top Truss (Red)	45m Box Truss (40cm)	1
LX2 Right Truss (Yellow)	21m Box Truss (40cm)	1
LX3 Bottom Truss (Blue)	45m Box Truss (40cm)	1
LX4 Left Truss (Purple)	21m Box Truss (40cm)	1
Truss Floor Towers	2m Box Truss (30cm)	17
Truss Floor Base	Suitable Base Plate for 30cm Truss	17
Top Rigging	As Required	
Bot Rigging	As Required	
Motors 1T	1T Double Break D8+	24
Motor Control	As Required	
Motor Cable	As Required	

Notes:

Rigging Notes

- All Rigging Calculations to be done by the local supplier and specified to work within the safe working loads of the equipment you (The Local Supplier) are providing.
- All Truss & Rigging to be specifed as required dependent on lighting fixtures you (The House / Local supplier) are providing.
- All Motors and Control to be specifed as required dependent on lighting fixtures you (The House / Local supplier) are providing.
- All Cable and Control to be specifed as required dependent on lighting fixtures you (The House / Local supplier) are providing.
- We Request that all motors used are double broken D8+ certified.
- We Request that all Rigging equipment is within test Certifcation dates.
- We Request that all Motor Certifications are avalible to us upon request.
- Riggers Should be on site throughout the day to make any adjustments required.

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Lighting Plot (Overview)

Fixtures

List of approved substitutes below.
Contact VW to discuss any other substitutes.

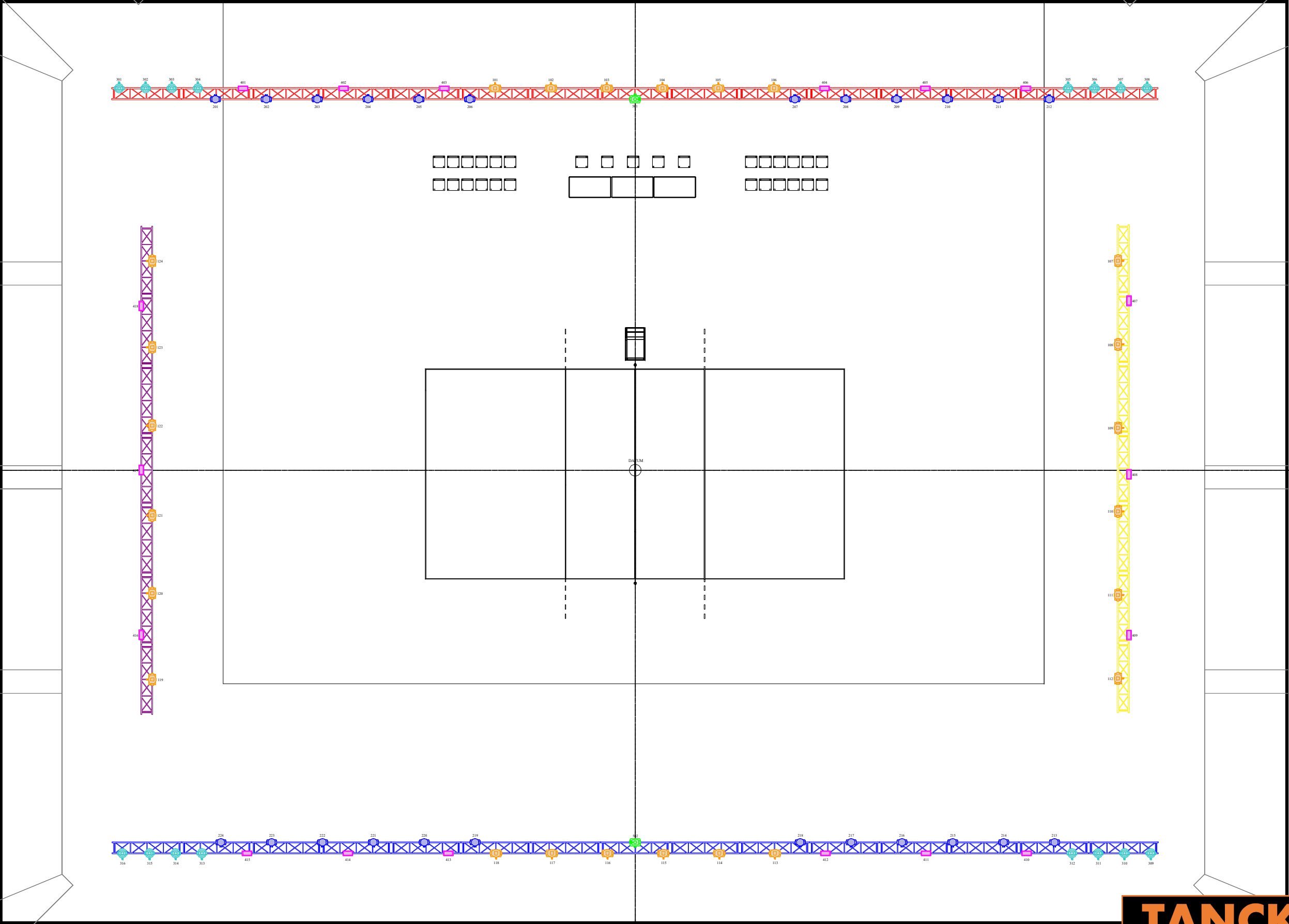
	MAC Quantum Basic	24
	BMFL FollowSpot	2
	Flare	26
	MAC Axiom	25
	Mac Ultra Performance	24

Control Package

1 x MA2/3 Fullsize or Light (MAIN)
1 x MA2/3 Fullsize of Light (BACKUP)
Software Version 3.9.60.28 or later
NPU(s) if parameter count requires
Wireless access to MA-Net for remote control

Preferred Unit Substitute

MAC Ultra Performance	MAC III Profile
	MAC Viper Profile
	MAC Encore Profile
	VL4000 Spot
	VL3500 Spot
MUST FIT 5 x 'E' SIZE CUSTOM GLASS GOBO (VW PROVIDES) IN ROTATING WHEEL	
MAC Quantum Wash	Robe K20
	Robe Tarrantula
	GLP X4L/X5 (not X4)
	BMFL Wash/Washbeam
	Rogue R3X Wash
	VL6500/VLZ Wash
	Mac Ultra/Encore Wash
Martin MAC Axiom	CP Mythos 2
	Robe MegaPointe
	CP Sharpy
	Robe Pointe
BMFL Followspot	Any remote tracking spot
	Manual arena spots
Solaris Flare	GLP JDC1
	Elation Protron Eclipse
	Chauvet Color Strike M



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Lighting Plot (Truss Detail)



Fixtures

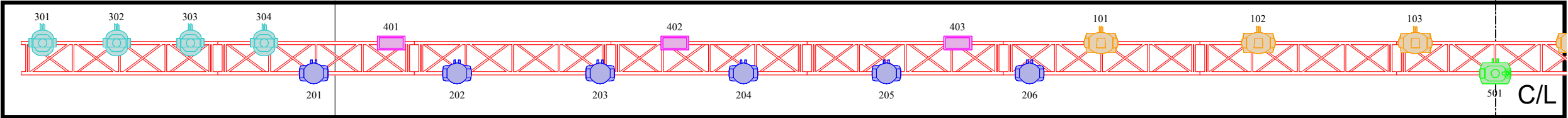
List of approved substitutes below.
Contact VW to discuss any other substitutes.

	MAC Quantum Basic	24
	BMFL FollowSpot	2
	Flare	26
	MAC Axiom	25
	Mac Ultra Performance	24

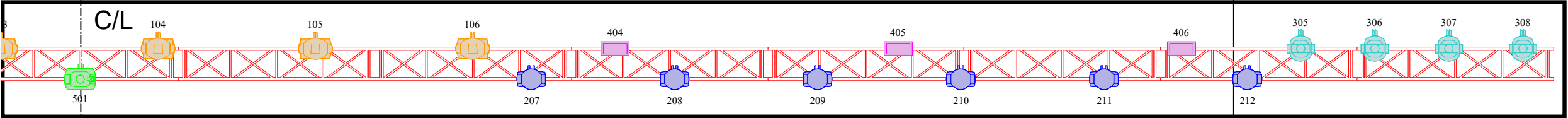
Control Package

1 x MA2/3 Fullsize or Light (MAIN)
1 x MA2/3 Fullsize of Light (BACKUP)
Software Version 3.9.60.28 or later
NPU(s) if parameter count requires
Wireless access to MA-Net for remote control

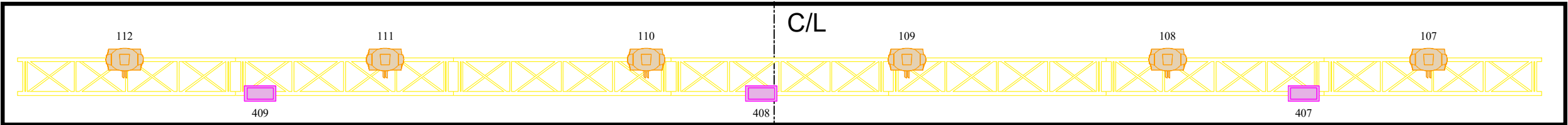
Preferred Unit	Substitute
MAC Ultra Performance	MAC III Profile MAC Viper Profile MAC Encore Profile VL4000 Spot VL3500 Spot
MUST FIT 5 x 'E' SIZE CUSTOM GLASS GOBO (VW PROVIDES) IN ROTATING WHEEL	
MAC Quantum Wash	Robe K20 Robe Tarrantula GLP X4L/X5 (not X4) BMFL Wash/Washbeam Rogue R3X Wash VL6500/VLZ Wash Mac Ultra/Encore Wash
Martin MAC Axiom	CP Mythos 2 Robe MegaPointe CP Sharpy Robe Pointe
BMFL Followspot	Any remote tracking spot Manual arena spots
Solaris Flare	GLP JDC1 Elation Protron Eclipse Chauvet Color Strike M



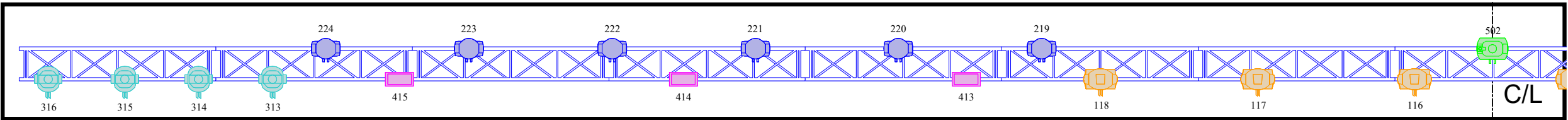
LX1 - Top Truss (Red) - Left Half



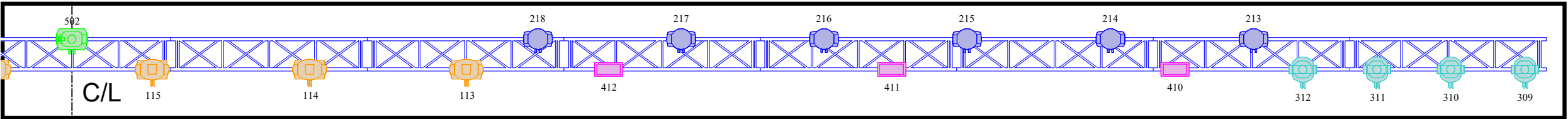
LX1 - Top Truss (Red) - Right Half



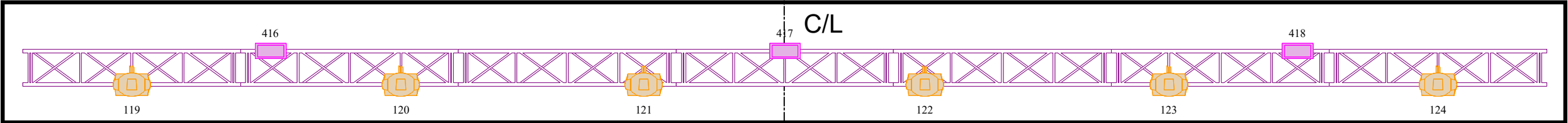
LX2 - Right Truss (Yellow)



LX3 - Bottom Truss (Blue) - Left Half



LX3 - Bottom Truss (Blue) - Right Half



LX4 - Left Truss (Purple)

VNL

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Lighting Plot (Floor + Control)

Fixtures

List of approved substitutes below.
Contact VW to discuss any other substitutes.

	MAC Quantum Basic	24
	BMFL FollowSpot	2
	Flare	26
	MAC Axiom	25
	Mac Ultra Performance	24

Control Package

1 x MA2/3 Fullsize or Light (MAIN)
1 x MA2/3 Fullsize of Light (BACKUP)
Software Version 3.9.60.28 or later
NPU(s) if parameter count requires
Wireless access to MA-Net for remote control

Preferred Unit Substitute

MAC Ultra Performance
MAC III Profile
MAC Viper Profile
MAC Encore Profile
VL4000 Spot
VL3500 Spot

MUST FIT 5 x 'E' SIZE CUSTOM GLASS GOBO (VW PROVIDES) IN ROTATING WHEEL

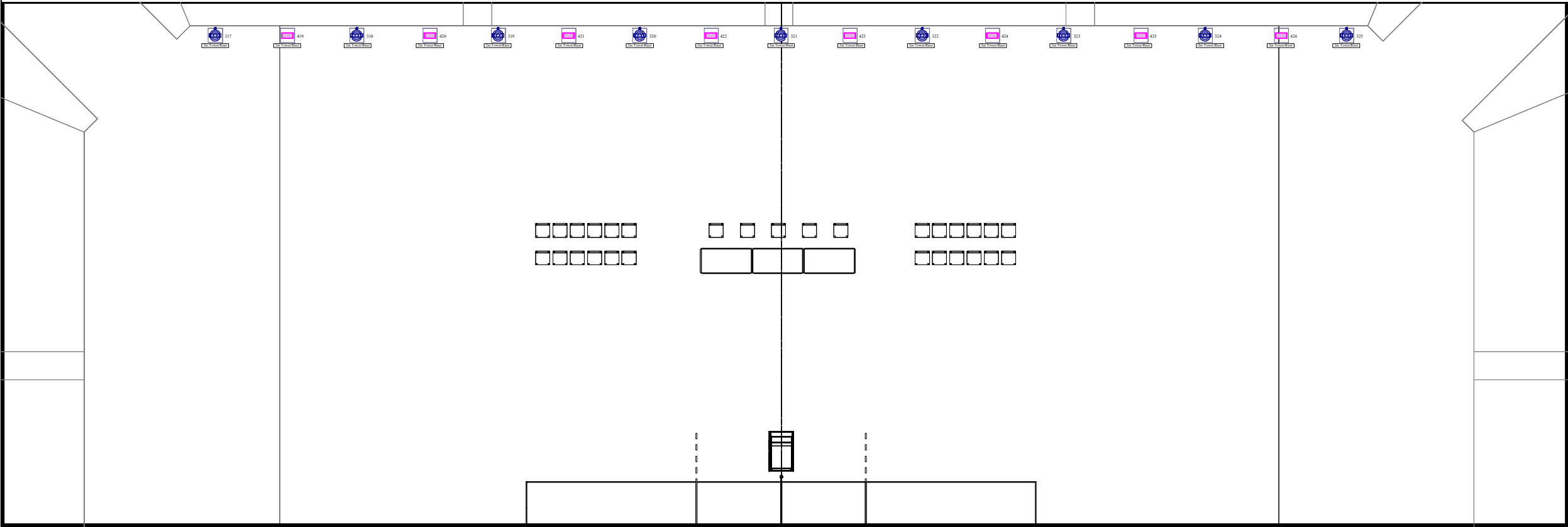
MAC Quantum Wash
Robe K20
Robe Tarrantula
GLP X4L/X5 (not X4)
BMFL Wash/Washbeam
Rogue R3X Wash
VL6500/VLZ Wash
Mac Ultra/Encore Wash

Martin MAC Axiom
CP Mythos 2
Robe MegaPointe
CP Sharpy
Robe Pointe

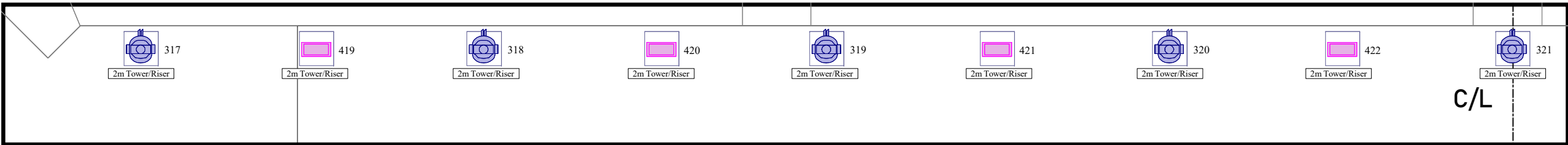
BMFL Followspot
Any remote tracking spot
Manual arena spots

Solaris Flare
GLP JDC1
Elation Protron Eclypse
Chauvet Color Strike M

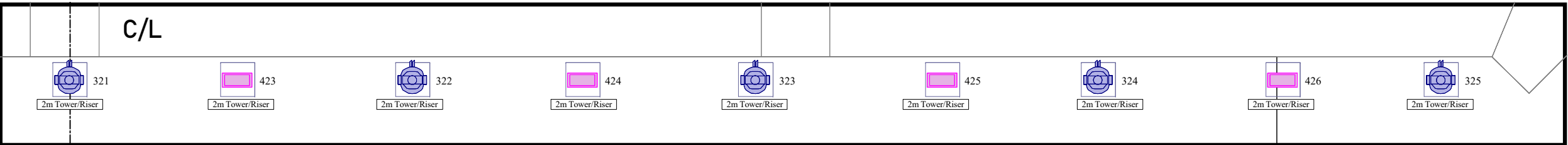
Not drawn - but important...!
Sufficient WATER BASED fast-dissipating haze machines capable of producing light atmospheric haze which will clear in no more than 5minutes after output is stopped.
Recommend atleast 8 units distributed around arena floor, but this will depend on size/airhandling/temperature/etc.
Please contact VW if uncertain or to discuss.



Floor - Overview



Floor - Detail - Left Half



Floor - Detail - Right Half