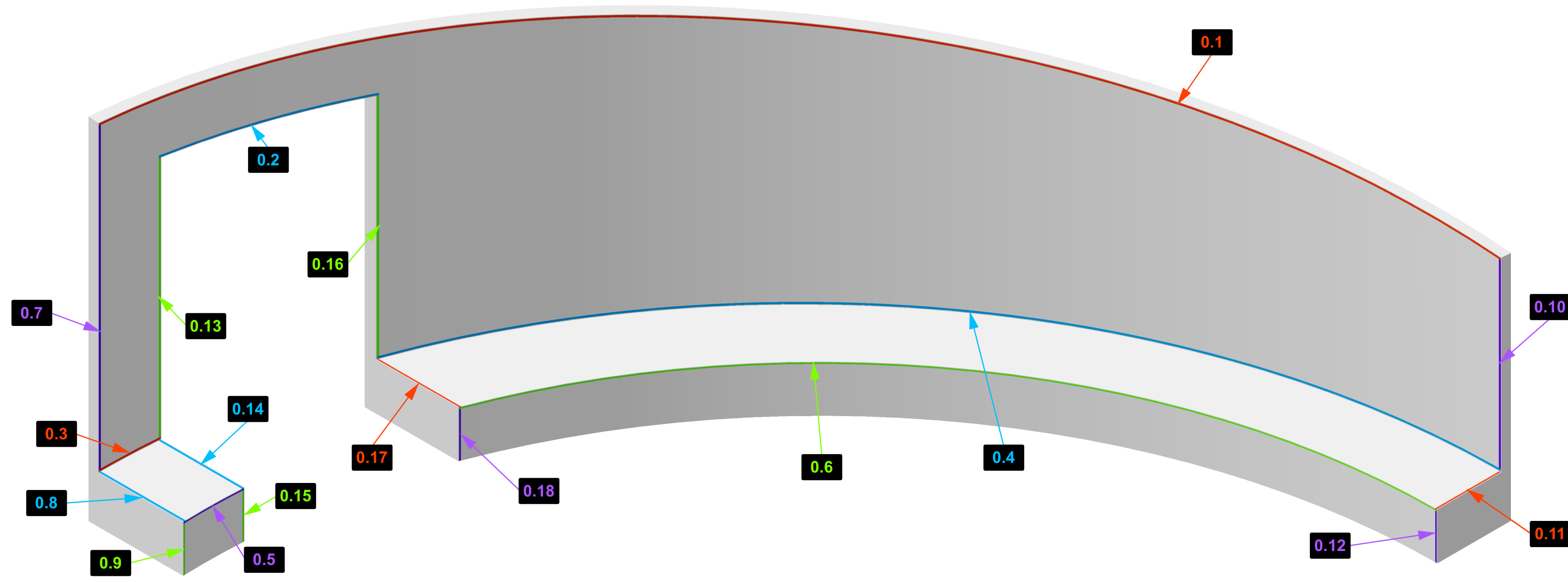
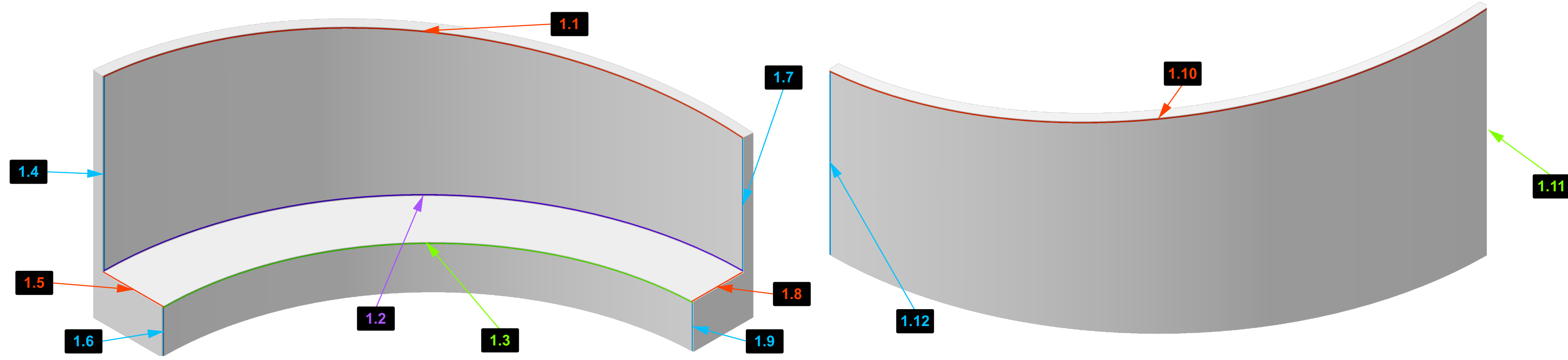


## STATIC WALL



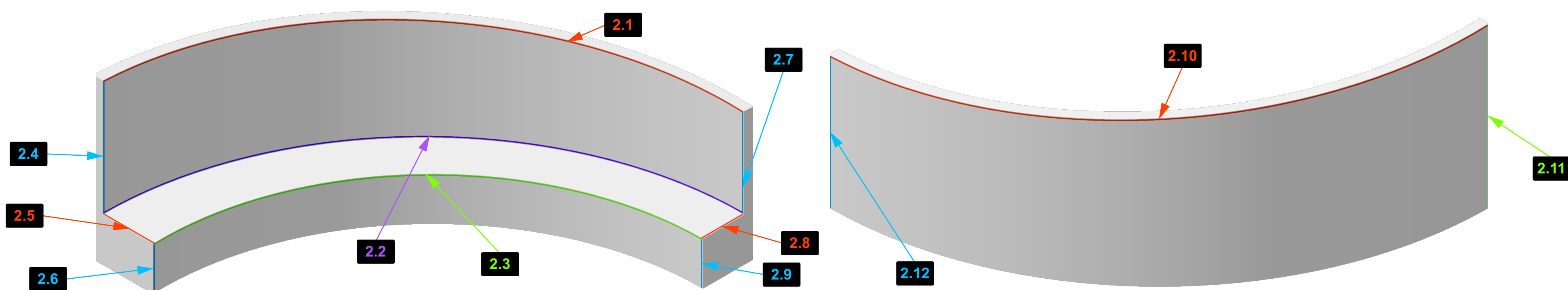
Segment	Name	Length (m)	# Pixels @ 30px/m	# DMX Address
Static Wall	TOTAL	45.906	1377	4131
Segment 0.1	Inner Top	11.36	340	1020
Segment 0.2	Doorway Top	1.9	57	171
Segment 0.3	DS Bottom	0.607	18	54
Segment 0.4	US Bottom	8.807	264	792
Segment 0.5	DS Bench Top	0.605	18	54
Segment 0.6	US Bench Top	7.67	230	690
Segment 0.7	DS Vert	3.088	92	276
Segment 0.8	DS Vert Bench	0.866	25	75
Segment 0.9	DS Vert Bottom	0.476	14	42
Segment 1.0	US Vert	1.882	56	168
Segment 1.1	US Vert Bench	0.66	19	57
Segment 1.2	US Vert Bottom	0.464	13	39
Segment 1.3	Doorway DS	2.53	75	225
Segment 1.4	Doorway Bench DS	0.854	25	75
Segment 1.5	Doorway Bottom DS	0.464	13	39
Segment 1.6	Doorway US	2.348	70	210
Segment 1.7	Doorway Bench US	0.849	25	75
Segment 1.8	Doorway Bottom US	0.476	14	42

## WAGON 1



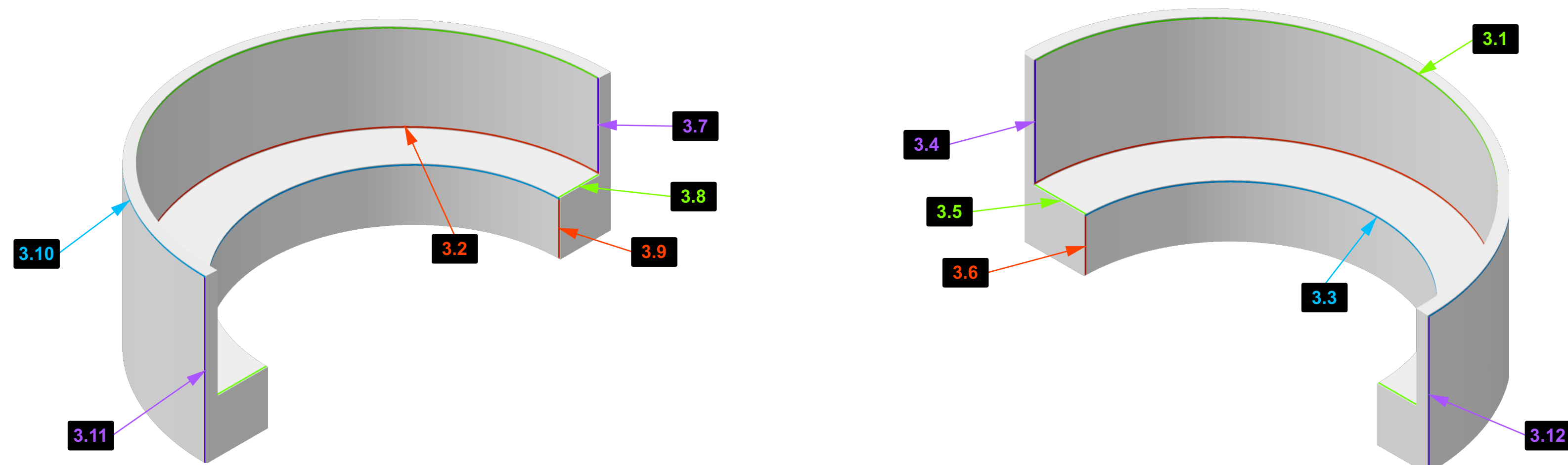
Segment	Name	Length (m)	# Pixels @ 30px/m	# DMX Address
Wagon 1	TOTAL	30.956	928	2784
Segment 1.1	Inner Top	5.604	168	504
Segment 1.2	Bottom	5.56	166	498
Segment 1.3	Bench Top	4.592	137	411
Segment 1.4	Taller Vert Top	1.868	56	168
Segment 1.5	Taller Vert Bench	0.66	19	57
Segment 1.6	Taller Vert Bottom	0.476	14	42
Segment 1.7	Shorter Vert Top	1.267	38	114
Segment 1.8	Shorter Vert Bench	0.559	16	48
Segment 1.9	Shorter Vert Bottom	0.476	14	42
Segment 1.10	Outer Top	5.757	172	516
Segment 1.11	Outer Taller Vert	2.365	70	210
Segment 1.12	Outer Shorter Vert	1.772	53	159

## WAGON 2



Segment	Name	Length (m)	# Pixels @ 30px/m	# DMX Address
Wagon 2	TOTAL	29.134	874	2622
Segment 2.1	Inner Top	5.569	167	501
Segment 2.2	Bottom	5.562	166	498
Segment 2.3	Bench Top	4.794	143	429
Segment 2.4	Taller Vert Top	1.271	38	114
Segment 2.5	Taller Vert Bench	0.559	16	48
Segment 2.6	Taller Vert Bottom	0.476	14	42
Segment 2.7	Shorter Vert Top	0.958	28	84
Segment 2.8	Shorter Vert Bench	0.457	13	39
Segment 2.9	Shorter Vert Bottom	0.476	14	42
Segment 2.10	Outer Top	5.767	173	519
Segment 2.11	Outer Taller Vert	1.771	53	159
Segment 2.12	Outer Shorter Vert	1.474	44	132

## WAGON 3



Segment	Name	Length (m)	# Pixels @ 30px/m	# DMX Address
Wagon 3	TOTAL	27.049	811	2433
Segment 3.1	Inner Top	5.48	164	492
Segment 3.2	Bottom	5.479	164	492
Segment 3.3	Bench Top	4.133	123	369
Segment 3.4	Taller Vert Top	0.976	29	87
Segment 3.5	Taller Vert Bench	0.454	13	39
Segment 3.6	Taller Vert Bottom	0.476	14	42
Segment 3.7	Shorter Vert Top	0.746	22	66
Segment 3.8	Shorter Vert Bench	0.356	10	30
Segment 3.9	Shorter Vert Bottom	0.476	14	42
Segment 3.10	Outer Top	5.758	172	516
Segment 3.11	Outer Taller Vert	1.477	44	132
Segment 3.12	Outer Shorter Vert	1.238	37	111

## WAGON 4



Segment	Name	Length (m)	# Pixels @ 30px/m	# DMX Address
Wagon 4	TOTAL	14.842	445	1335
Segment 4.1	Inner Top	2.558	76	228
Segment 4.2	Bottom	2.557	76	228
Segment 4.3	Bench Top	1.504	45	135
Segment 4.4	Taller Vert Top	0.721	21	63
Segment 4.5	Taller Vert Bench	0.355	10	30
Segment 4.6	Taller Vert Bottom	0.476	14	42
Segment 4.7	Shorter Vert Top	0.636	19	57
Segment 4.8	Shorter Vert Bench	0.306	9	27
Segment 4.9	Shorter Vert Bottom	0.476	14	42
Segment 4.10	Outer Top	2.89	86	258
Segment 4.11	Outer Taller Vert	1.238	37	111
Segment 4.12	Outer Shorter Vert	1.125	33	99

# DEVIL'S CRUSH PIXEL TAPE PROPOSAL

Name	Length (m)	# Pixels @ 30px/m	# DMX Address
GRAND TOTAL:	147.887	4436	13308
Static Wall	45.906	1377	4131
Wagon 1	30.956	928	2784
Wagon 2	29.134	874	2622
Wagon 3	27.049	811	2433
Wagon 4	14.842	445	1335

### TAPE:

- Environmental Lights RGB PixelControl 30/m 5.6m
- [Product Link](#)
- RGB WS2813 Pixel Tape
- 5v DC
- 30px/m
- 5.6m/reel
- 10mm wide
- 27 reels needed, not accounting for any spare

### PIXEL CONTROLLER:

- Enttec Octo
- [Product Link](#)
- eDMX (sACN, Art-Net) to SPI
- 2 ports, 4U of SPI out per port
- WS2813 Support
- 4-60v DC
- 5 controllers needed, not accounting for any spare

### DIFFUSION SLEEVE:

- Environmental Lights Flat Top Flexible Diffusing Sleeve
- [Product Link](#)
- 5m/reel
- .71" external width
- 30 reels needed, not accounting for any spare

### RIGID CHANNEL:

- Environmental Lights Aluminum Diffusing Sleeve Channel
- [Product Link](#)
- 2m/stick
- .91" external width
- 22 sticks needed, not accounting for any spare

### FLEXIBLE CHANNEL:

- Environmental Lights Silicone Diffusing Sleeve Channel
- [Product Link](#)
- 5m/stick
- .98" external width
- 21 sticks needed, not accounting for any spare

### Instrument Key:



### Notation Legend:



### Notes:

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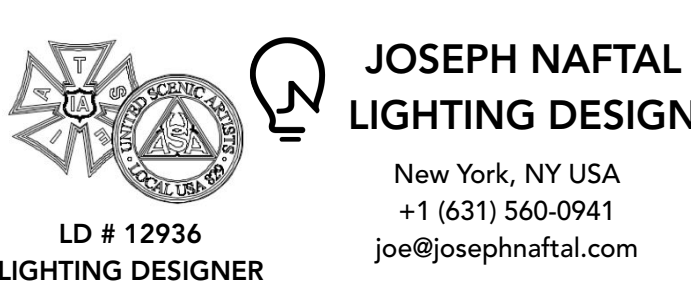
Construction & rigging of all positions is to be confirmed and specified by the Production Electrician.

Specified Tape, Controllers, Channels, etc. are provided for example only and may be substituted with comparable alternatives per Production Electrician with Lighting Designer's permission.

Wagons should be wireless. Provide batteries and wireless data per Production Electrician.

All Set Electrics should be controllable from Lighting Console.

Rev:	Name:	Date:
A	Preliminary	2024-07-18
B	Diffuse Channeling Added	2024-07-19



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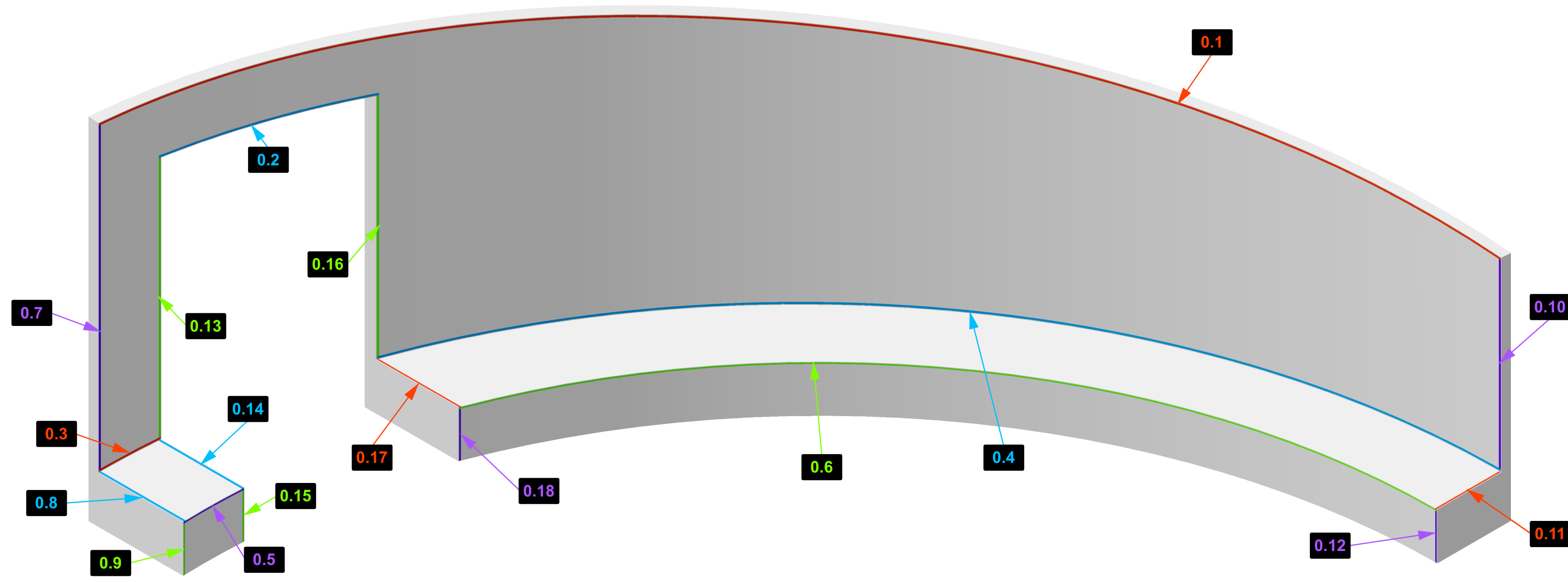
Wonderbound  
Denver, CO  
Choreographer: Garrett Ammon  
Scenic Designer: Stephen Stampfl  
Costume Designer: Sloane Crazybear  
Production Manager: Eleanor Moriarty  
Lighting Designer: Joseph Naftal  
Production Electrician: Andrew McDaniels

Drawn by: SJS  
Scale: 1/2" = 1'  
Print on: US Arch E  
Published: 2024-07-19  
DCW 2024 Set Electric SJS v04

Set LX Pixel Tape



## STATIC WALL



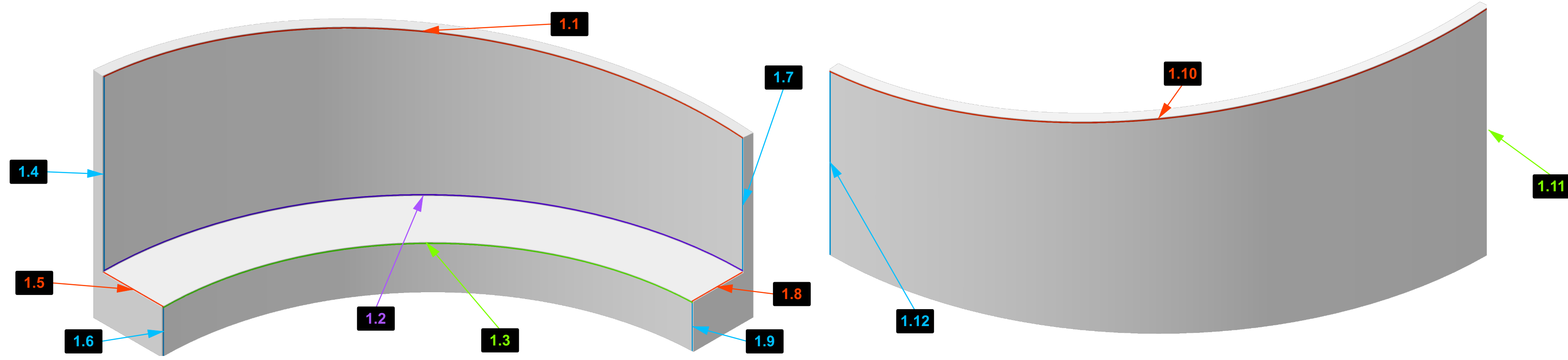
Segment	Name	Length (m)	# DMX Address
Static Wall	TOTAL	45.906	72
Segment 0.1	Inner Top	11.36	4
Segment 0.2	Doorway Top	1.9	4
Segment 0.3	DS Bottom	0.607	4
Segment 0.4	US Bench	8.807	4
Segment 0.5	DS Bench Top	0.605	4
Segment 0.6	US Bench Top	7.67	4
Segment 0.7	DS Vert	3.088	4
Segment 0.8	DS Vert Bench	0.866	4
Segment 0.9	DS Vert Bottom	0.476	4
Segment 1.0	US Vert	1.882	4
Segment 1.1	US Vert Bench	0.66	4
Segment 1.2	US Vert Bottom	0.464	4
Segment 1.3	Doorway DS	2.53	4
Segment 1.4	Doorway Bench DS	0.854	4
Segment 1.5	Doorway Bottom DS	0.464	4
Segment 1.6	Doorway US	2.348	4
Segment 1.7	Doorway Bench US	0.849	4
Segment 1.8	Doorway Bottom US	0.476	4

32ch Decoder

32ch Decoder

12ch Decoder

## WAGON 1



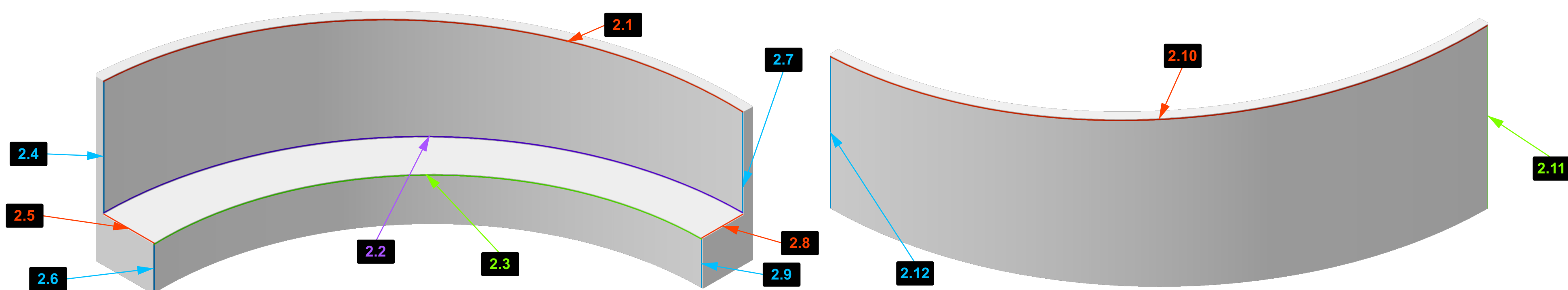
Segment	Name	Length (m)	# DMX Address
Wagon 1	TOTAL	30.956	48
Segment 1.1	Inner Top	5.604	4
Segment 1.2	Bottom	5.56	4
Segment 1.3	Bench Top	4.592	4
Segment 1.4	Taller Vert Top	1.868	4
Segment 1.5	Taller Vert Bench	0.66	4
Segment 1.6	Taller Vert Bottom	0.476	4
Segment 1.7	Shorter Vert Top	1.267	4
Segment 1.8	Shorter Vert Bench	0.559	4
Segment 1.9	Shorter Vert Bottom	0.476	4
Segment 1.10	Outer Top	5.757	4
Segment 1.11	Outer Taller Vert	2.365	4
Segment 1.12	Outer Shorter Vert	1.772	4

32ch Decoder

12ch Decoder

4ch Decoder

## WAGON 2



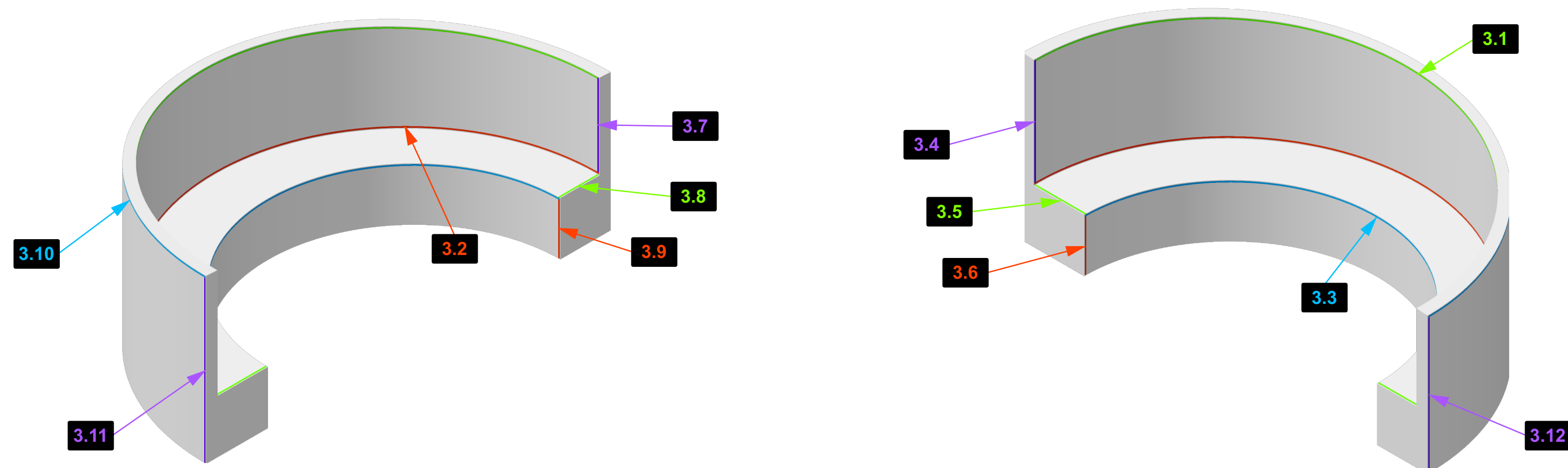
Segment	Name	Length (m)	# DMX Address
Wagon 2	TOTAL	29.134	48
Segment 2.1	Inner Top	5.569	4
Segment 2.2	Bottom	5.562	4
Segment 2.3	Bench Top	4.794	4
Segment 2.4	Taller Vert Top	1.271	4
Segment 2.5	Taller Vert Bench	0.559	4
Segment 2.6	Taller Vert Bottom	0.476	4
Segment 2.7	Shorter Vert Top	0.958	4
Segment 2.8	Shorter Vert Bench	0.457	4
Segment 2.9	Shorter Vert Bottom	0.476	4
Segment 2.10	Outer Top	5.767	4
Segment 2.11	Outer Taller Vert	1.771	4
Segment 2.12	Outer Shorter Vert	1.474	4

32ch Decoder

12ch Decoder

4ch Decoder

## WAGON 3



Segment	Name	Length (m)	# DMX Address
Wagon 3	TOTAL	27.049	48
Segment 3.1	Inner Top	5.48	4
Segment 3.2	Bottom	5.479	4
Segment 3.3	Bench Top	4.133	4
Segment 3.4	Taller Vert Top	0.976	4
Segment 3.5	Taller Vert Bench	0.454	4
Segment 3.6	Taller Vert Bottom	0.476	4
Segment 3.7	Shorter Vert Top	0.746	4
Segment 3.8	Shorter Vert Bench	0.356	4
Segment 3.9	Shorter Vert Bottom	0.476	4
Segment 3.10	Outer Top	5.758	4
Segment 3.11	Outer Taller Vert	1.477	4
Segment 3.12	Outer Shorter Vert	1.238	4

32ch Decoder

12ch Decoder

4ch Decoder

## WAGON 4



Segment	Name	Length (m)	# DMX Address
Wagon 4	TOTAL	14.842	48
Segment 4.1	Inner Top	2.558	4
Segment 4.2	Bottom	2.557	4
Segment 4.3	Bench Top	1.504	4
Segment 4.4	Taller Vert Top	0.721	4
Segment 4.5	Taller Vert Bench	0.355	4
Segment 4.6	Taller Vert Bottom	0.476	4
Segment 4.7	Shorter Vert Top	0.636	4
Segment 4.8	Shorter Vert Bench	0.306	4
Segment 4.9	Shorter Vert Bottom	0.476	4
Segment 4.10	Outer Top	2.89	4
Segment 4.11	Outer Taller Vert	1.238	4
Segment 4.12	Outer Shorter Vert	1.125	4

32ch Decoder

12ch Decoder

4ch Decoder

# DEVIL'S CRUSH LED TAPE PROPOSAL

Name	Length (m)	# DMX Address
GRAND TOTAL:	147.887	264
Static Wall	45.906	72
Wagon 1	30.956	48
Wagon 2	29.134	48
Wagon 3	27.049	48
Wagon 4	14.842	48

## TAPE:

- Environmental Lights MaxRun RGBA 4-in-1 60m 10m
- [Product Link](#)
- RGBA PWM LED Tape
- 24v DC
- 60px/m
- 10m/reel
- 12mm wide
- 15 reels needed, not accounting for any spare

## 32ch DECODER:

- Environmental Lights Studio 32 Channel Decoder
- [Product Link](#)
- DMX to PWM
- 8 terminal blocks, with 4 channels per block
- 3A per channel
- 12 or 24v DC
- 6 decoders needed, not accounting for any spare

## 12ch DECODER:

- Environmental Lights Studio 12 Channel Decoder
- [Product Link](#)
- DMX to PWM
- 3 terminal blocks, with 4 channels per block
- 5A per channel
- 12 or 24v DC
- 5 decoders needed, not accounting for any spare

## 4ch DECODER:

- Environmental Lights Studio 4 Channel Decoder
- [Product Link](#)
- DMX to PWM
- 1 terminal block, with 4 channels
- 5A per channel
- 12 or 24v DC
- 4 decoders needed, not accounting for any spare

## DIFFUSION SLEEVE:

- Environmental Lights Flat Top Flexible Diffusing Sleeve
- [Product Link](#)
- 5m/reel
- .71" external width
- 30 reels needed, not accounting for any spare

## RIGID CHANNEL:

- Environmental Lights Aluminum Diffusing Sleeve Channel
- [Product Link](#)
- 2m/stick
- .91" external width
- 22 sticks needed, not accounting for any spare

## FLEXIBLE CHANNEL:

- Environmental Lights Silicone Diffusing Sleeve Channel
- [Product Link](#)
- 5m/stick
- .98" external width
- 21 sticks needed, not accounting for any spare

## Instrument Key:



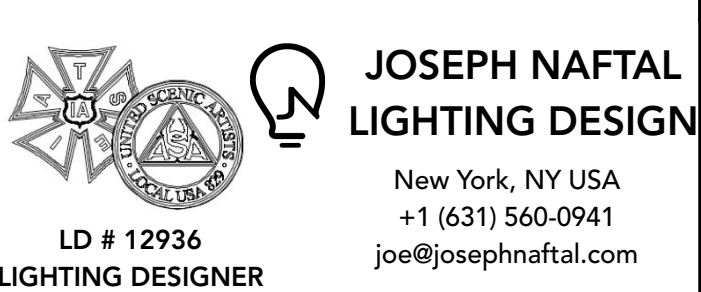
## Notation Legend:



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Rev:	Name:	Date:
A	Preliminary	2024-07-18
B	Diffuse Channeling Added	2024-07-19



THIS DRAWING REPRESENTS DESIGN AND CONCEPT. THE MATERIALS AND DIMENSIONS LISTED ARE APPROXIMATE AND SUBJECT TO CHANGE WITHOUT NOTICE. THE LIGHTING DESIGNER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND OPERATION OF THE LIGHTING SYSTEM. THE LIGHTING DESIGNER SHALL NOT BE RESPONSIBLE FOR THE PROPER INSTALLATION AND OPERATION OF THE LIGHTING SYSTEM. THE LIGHTING DESIGNER SHALL NOT BE RESPONSIBLE FOR THE PROPER INSTALLATION AND OPERATION OF THE LIGHTING SYSTEM.



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 Print on: US Arch E  
 Published: 2024-07-19  
 DCW 2024 Set Electric SJS.v04

Set LX LED tape