

# Retail Space Planning with WebGL

Mauricio Vives / Nead Werx / Atlanta

**MerchLogix**



A typical retail project involves changing product assortments based on demand, product recalls, or seasonal promotions. They may also set up brand new shelving and assortments. Stores are **constantly** changing in order to stay competitive.





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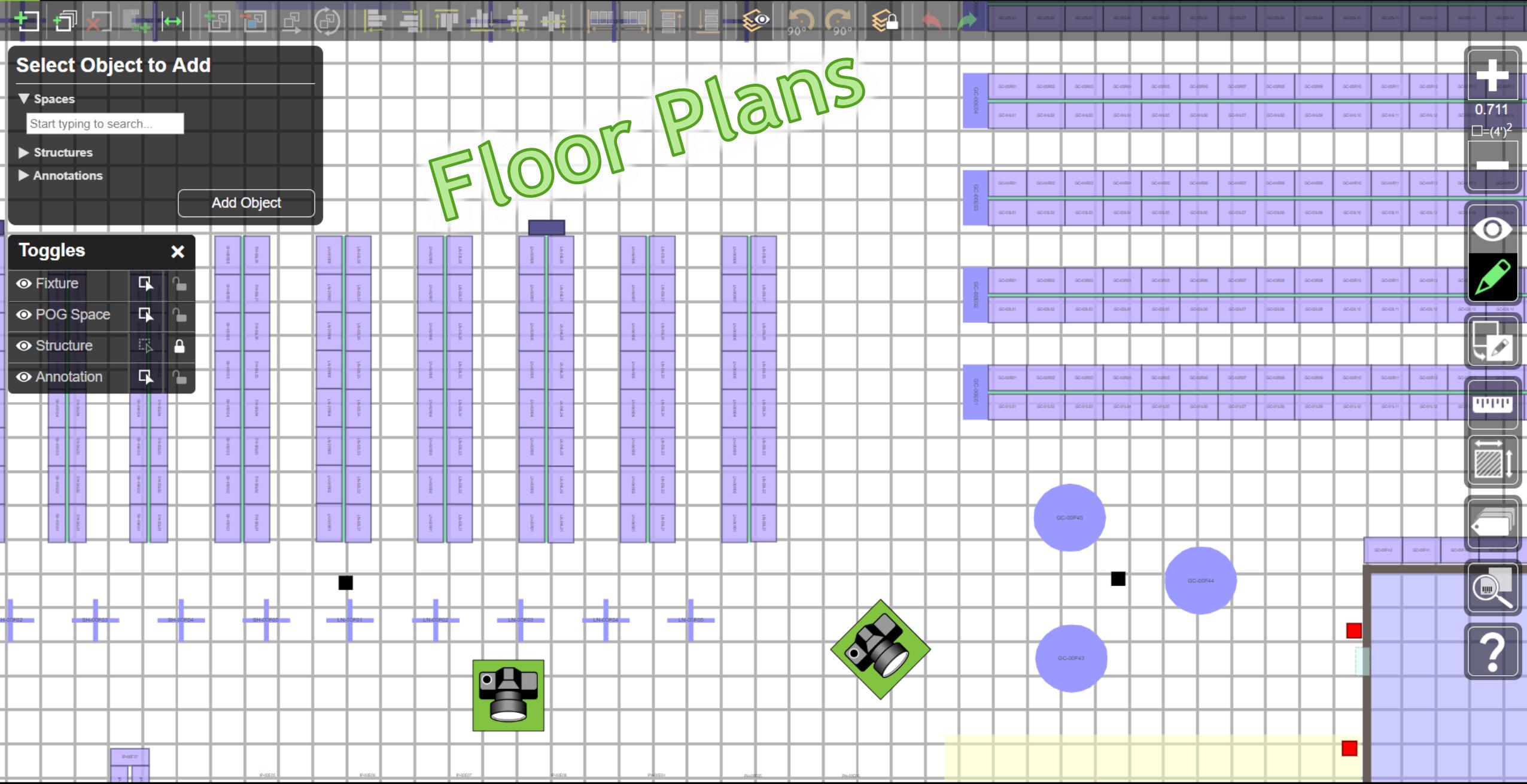
## Projects

 = Order Transmissions Disabled

[Create New Project](#)

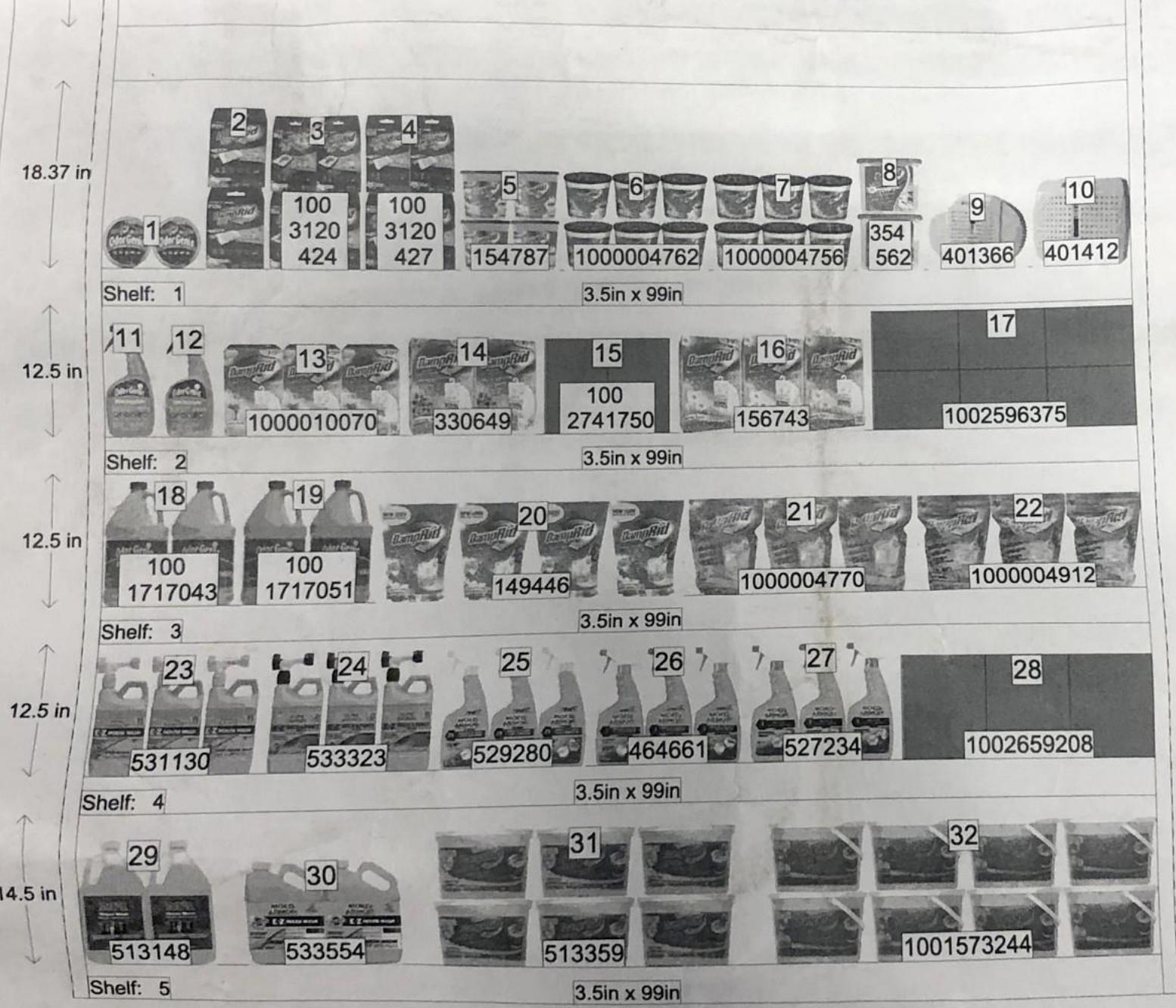
[Fiscal Year ▾](#) [Program Type ▾](#) [Program ▾](#) [Department ▾](#) 1 to 30 of 30

DEPT	ID	PROJECT NAME	PROGRAM	ROLLOUT DATE	CREATED ON	STATUS	COMPLETION
45	10109	<a href="#">Category Management - Salty Snacks</a>	Category Management - Q2 2018	April	09/20/2017	<span>ACTIVE</span>	0 / 107 (<1%)
34	10105	<a href="#">Spring Furniture Refresh - Patio / Outdoor</a>	Q2 2017	May	03/06/2017	<span>ACTIVE</span>	0 / 106 (<1%)
36	10101	<a href="#">POG Transition - Brooms</a>	MAR 2016	March	08/12/2016	<span>ACTIVE</span>	0 / 2 (<1%)
51	10100	<a href="#">POG Transition - Soils &amp; Planters</a>	MAR 2016	March	08/12/2016	<span>EXECUTION</span>	0 / 2 (<1%)
15	10099	<a href="#">Store Surveys for West Region</a>	FY2016	April	05/12/2016	<span>EXECUTION</span>	0 / 54 (<1%)
99	10093	<a href="#">New Store Opening - Store 50</a>	New Store Opening	September	05/04/2016	<span>EXECUTION</span>	0 / 1 (<1%)
99	10092	<a href="#">New store 50</a>	New Store Opening	September	05/03/2016	<span>CANCELED</span>	(none in scope)
	10044	<a href="#">In-Store Ordering</a>			10/25/2015	<span>ACTIVE</span>	(none in scope)
27	10043	<a href="#">ISO Ordering.project</a>	Q4 2015	December	09/03/2015	<span>ACTIVE</span>	0 / 1 (<1%)
16	10042	<a href="#">Summer Dresses Refresh</a>	FY2016	July	07/15/2015	<span>DRAFT</span> 	(none in scope)
15	10041	<a href="#">Store Closeout and Transition - Location 112</a>	Spring Seasonal 2016	August	07/15/2015	<span>ACTIVE</span>	0 / 1 (<1%)
15	10040	<a href="#">New Store Rollout at New Jersey Location</a>	Spring Seasonal 2016	March	07/15/2015	<span>ACTIVE</span>	0 / 1 (<1%)
15	10039	<a href="#">Spring Swimsuit Reset</a>	Spring Seasonal 2016	May	07/14/2015	<span>ACTIVE</span>	0 / 52 (<1%)
27	10038	<a href="#">New Laptop/Tablet Transition</a>	Summer Seasonal 2016	September	07/14/2015	<span>ACTIVE</span>	0 / 105 (<1%)
16	10037	<a href="#">New School Binder Display</a>	Summer Seasonal 2016	August	07/14/2015	<span>ACTIVE</span>	0 / 105 (<1%)
16	10031	<a href="#">New Home Theatre Display/Shopper Experience</a>	DEC	December	05/21/2015	<span>EXECUTION</span>	0 / 55 (<1%)
30	10030	<a href="#">Gartner Test3</a>	OCT	October	05/20/2015	<span>CANCELED</span>	(none in scope)
43	10029	<a href="#">New Transformers Products</a>	JUL	July	05/20/2015	<span>ACTIVE</span>	(none in scope)
27	10028	<a href="#">Laptop SKU In/Out</a>	NOV	November	05/20/2015	<span>ACTIVE</span>	0 / 105 (<1%)
38	10027	<a href="#">New Watch Display - Men's</a>	SEP 2016	September	05/20/2015	<span>ACTIVE</span>	0 / 9 (<1%)



✓ Changes saved.





Shelf 3: 34.0" Floor to bottom of beam			
18	1001717043	2	M
19	1001717051	2	M
20	149446	4	M
21	1000004770	3	M
22	1000004912	3	M

Shelf 4: 18.0" Floor to bottom of beam			
23	531130	3	M
24	533323	3	M
25	529280	3	M
26	464661	3	M
27	527234	3	M
28	1002659208	3	M

Shelf 5: At Floor			
29	513148	2	M
30	533554	2	M
31	513359	3	M
32	1001573244	4	M

Planograms



Demo

Filter Products

- 00000000133 - Building Block
- 00000110253 - Big Ben
- 00000110255 - Assembly Square
- 00000131012 - Family House
- 00000131022 - Turbo Quad
- 00000131028 - Sea Plane
- 00000131030 - Red Go-Kart
- 00000131031 - Rainforest Animals
- 00000131044 - Park Animals
- 00000131054 - Blue Express
- 00000260020 - Cargo Truck
- 00000260054 - Light Repair Truck
- 00000260074 - Bulldozer
- 00000260095 - Deep Sea Exploration Vessel
- 00000260097 - City Square
- 00000260115 - 4 x 4 Off Roader
- 00000260145 - Buggy
- 00000260150 - Pizza Van
- 00000260153 - People Pack - Fun at the Beach
- 00000260181 - Forest Tractor
- 00000308022 - Multi Model Starter Set
- 00000308293 - Power Functions Motor Set
- 00000342006 - Excavator
- 00000342035 - Mining Truck
- 00000342040 - Fire Plane
- 00000342055 - Bucket Wheel Excavator

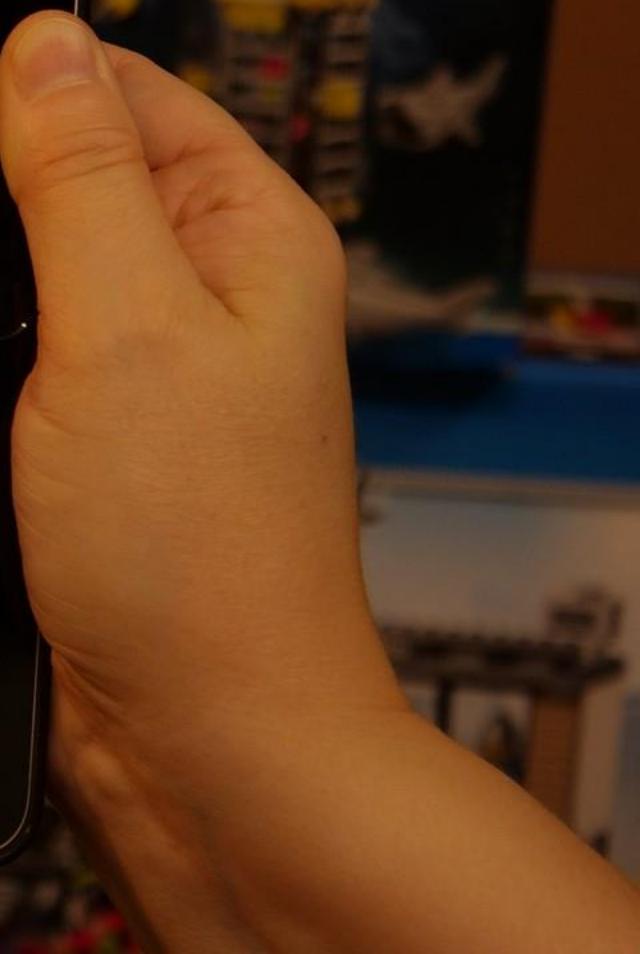
Program

Products

Fixtures

## LEGO Six Themes





# Status Quo in Retail Space Planning

- ▶ Heavy desktop software.
- ▶ Cumbersome installation and licensing.
- ▶ Managing local files.
- ▶ External spreadsheets and databases.
- ▶ Limited 3D support (if any).

# THANKS!



three.js

