

Retail Space Planning with WebGL

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MerchLogix



ROSS
DRESS FOR LESS®



ACE
Hardware

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.





EXCLUSIVE
HDX TOUGH
TOTES

EXCLUSIVE
HDX TOUGH
TOTES

CAMPUS
READY

WRITE ON
EASY IDENTIFICATION

EXTRA STORAGE
FROM RAILROADS

CAMPUS
READY

CAMPUS
READY

CAMPUS
READY

CAMPUS
READY

Projects

II = Order Transmissions Disabled

Create New Project

X Fiscal Year Program Type Program Department 1 to 30 of 30

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



Select Object to Add

▼ Spaces

Start typing to search...

► Structures

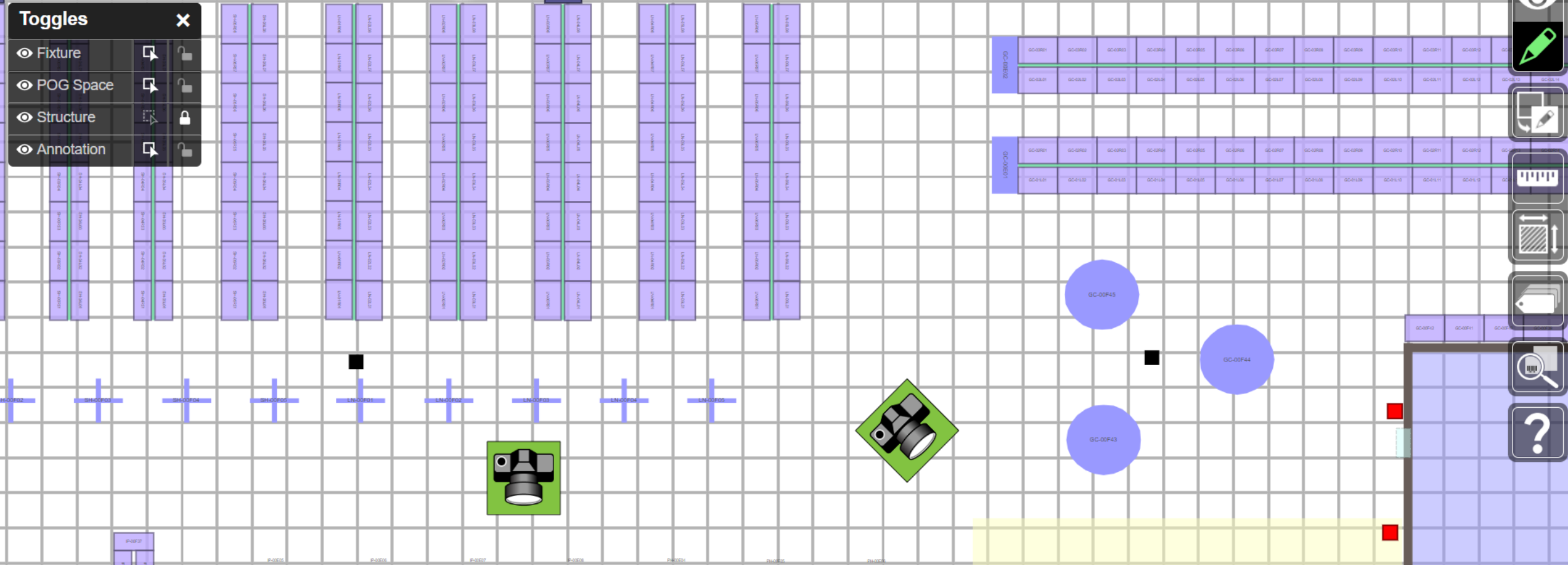
► Annotations

Add Object

Toggles

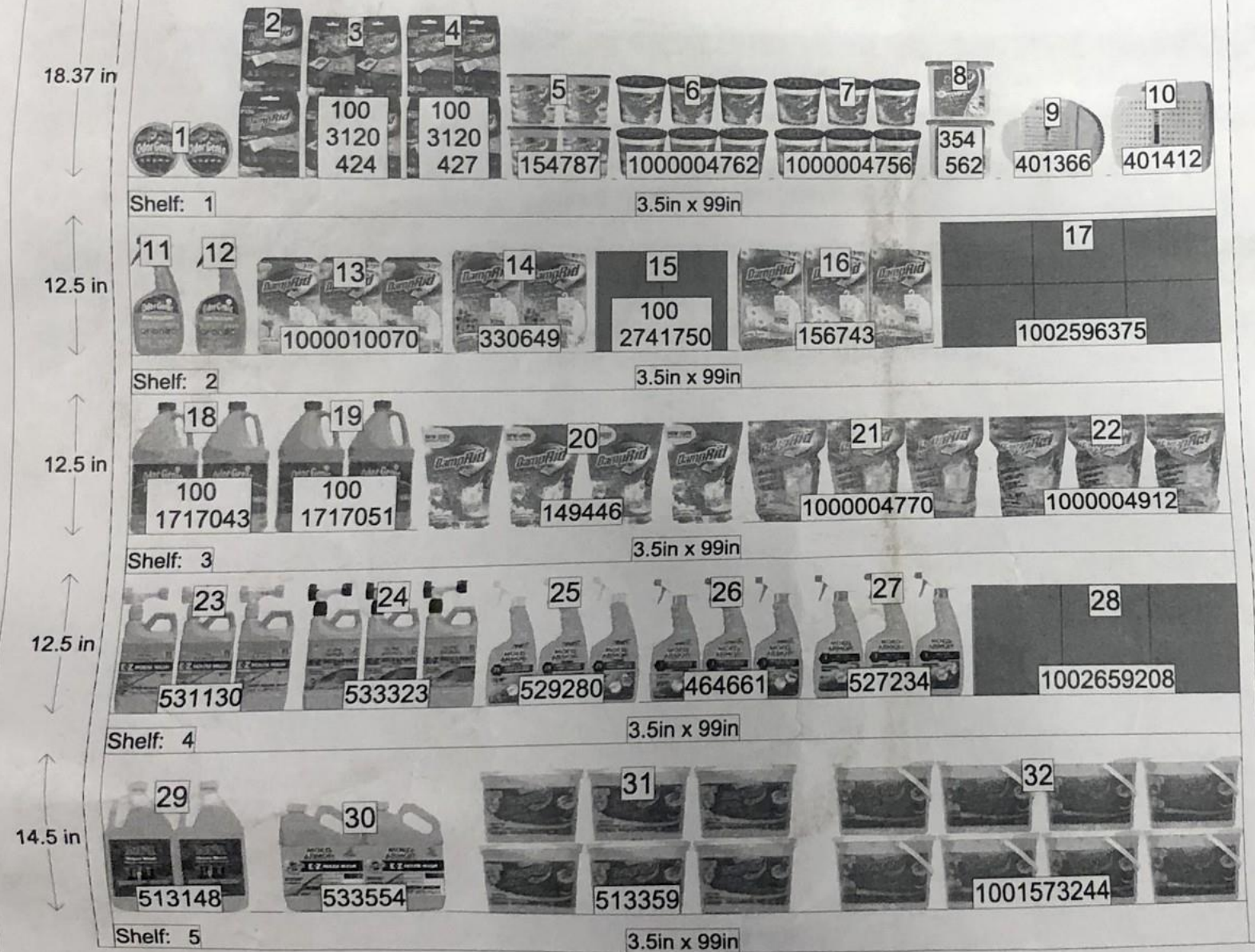
☒ Fixture
☒ POG Space
☒ Structure
☒ Annotation

Floor Plans



+
 0.711
 □ = (4')²
 -
 Eye icon
 Pencil icon
 Eraser icon
 Ruler icon
 Selection tool icon
 Zoom in icon
 Zoom out icon
 ?





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



Filter Products

- 00000000133 - B...
- 00000110253 - Big...
- 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



Product

Position

Fixture

Planogram Name
LEGO Six Themes

Products
50

Positions
50

Total Units
239

Fixtures
11

Occupancy
47.9%

LEGO Six Themes



✓ Changes saved

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[View Preview Agreement](#)

[JIRA Feedback](#)

[Interactive Context Explorer](#)

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!

K H R  N O S TM
G R O U P



three.js

