



Jasper Application User Guide

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Luminator Technology Group
ltgglobal.com

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Legend

- A Field
- A Control
- A Note
- A Link

JASPER

Application and Document Overview

Application Overview

Jasper is a digital product from LTG that transit authorities will use to manage infotainment for riders inside a bus. Jasper users will be able to create and edit such things as route display, events, and advertising.

Jasper is heavily reliant on Assets, an auxiliary app for creating and organizing media for use in other Granite apps.

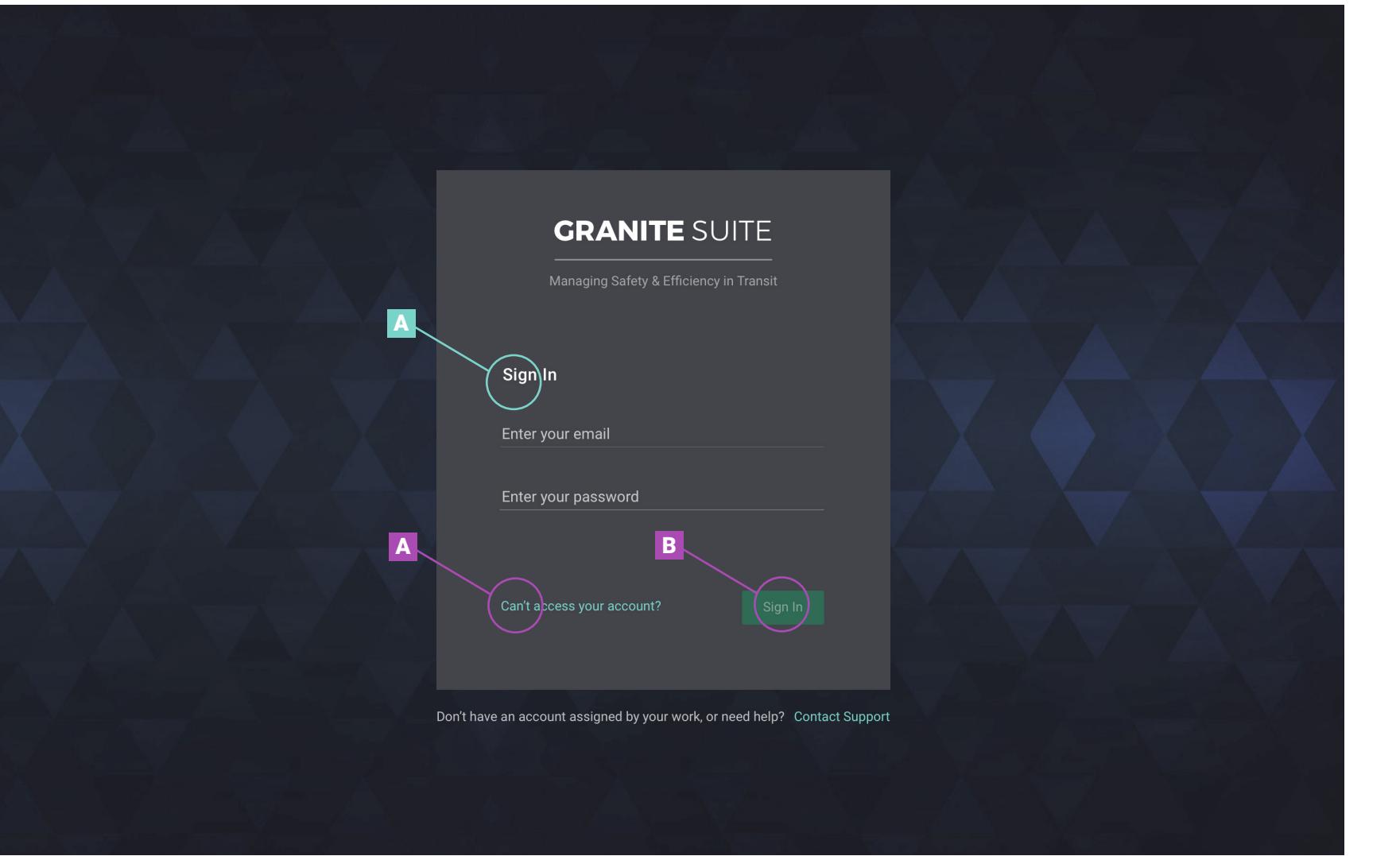
Within Jasper, users primarily work within the context of Presentations. A Presentation is a collection of sequential screens that display on the infotainment monitors inside a bus, and the events that might effect or override this sequence.

Presentations are primarily built and managed in abstract of any one particular bus or route. In most cases, a presentation will be used on buses using a common depot or of the same group or region.

Document Overview

This document demonstrates and clarifies Jasper's essential features by the annotation of mockups. The mockups are presented in an order that suggests a common workflow, and the features are annotated in order of first appearance.

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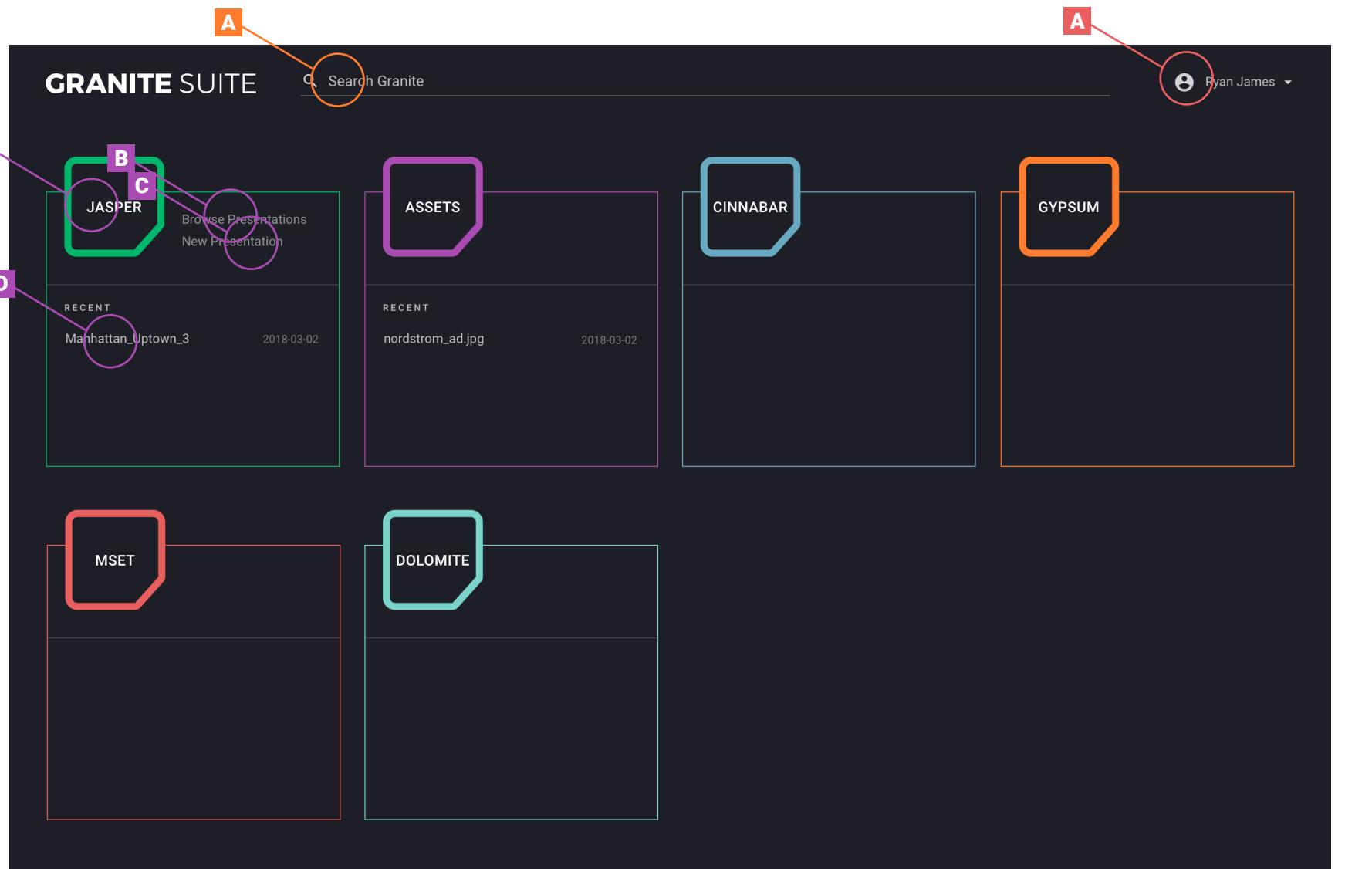


A Sign in form
After signing in to Granite, users are presented with apps specific to their access privileges.

A Can't sign in link
This link would go to a page with a password reset or other form of account confirmation.

B Sign In button
Disabled until email and password formatting is verified. Button should follow the line of field entry and logical tabbing order: Name <tab>, Password <tab>, <return> on Button selection.

Dashboard - Granite



The Granite Dashboard provides direct access to apps and recent resources within those apps.

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A **Search Granite field**
Global search for documents and data across the entire Granite suite.

A **Profile popover activate**
Opens a popover menu of items related to editing a user's information.

A **Jasper primary link**
This link takes a user to the Jasper [project select screen](#).

B **Browse Presentations link**
This link takes a user to the Jasper [project select screen](#).

C **New Presentation link**
Opens a new [empty presentation](#). There's no wizard or interstitial view.

D **Recent presentation link**
Although one is listed here, this can be a link list of the most recently edited presentations.

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Presentation Select

The screenshot shows a table of presentations with the following columns: PRESENTATION, RATIO, LENGTH, LAST EDITED, and GROUP. The table lists 20 entries, each with a link to its corresponding presentation view. The table has a dark background with light-colored rows. At the top of the table are several controls: a search bar (labeled A), a filter menu (labeled B), a 'Show Sequence Images' toggle (labeled C), and a sort dropdown (labeled D). A purple arrow labeled A points to the 'GRANITE' link in the top left corner. A red arrow labeled B points to the 'PRESENTATION' column header. A red arrow labeled C points to the 'Sort' dropdown. A red arrow labeled D points to the 'LENGTH' column header.

PRESENTATION	RATIO	LENGTH	LAST EDITED	GROUP
Grand Central Station Platform	32:9	00:21:20	2018-09-21	Rosalie Powell
Nichols Ride Tioga (Tioga County Public Transit, T-Tran)	16:9	00:21:20	2018-09-21	Viola Owens
Centro (CNY Centro)	32:9	00:21:20	2018-09-21	Leonard Hardy
Shoreham, VT Ticonderoga Ferry (TF)	32:9	00:21:20	2018-09-21	Chase Tyler
Malone FCPT (Franklin County Public Transportation)	16:9	00:21:20	2018-09-21	Russell Casey
Saratoga Springs Upstate Transit (UT)	32:9	00:21:20	2018-09-21	Jack Swanson
Newburgh NBBC (Newburgh-Beacon Bus Corporation)	16:9	00:21:20	2018-09-21	Rose Montgomery
Rochester Regional Transit Service	32:9	00:21:20	2018-09-21	Tyler Chambers
Jamestown CARTS (Chautauqua Area Rural Transit System)	16:9	00:21:20	2018-09-21	Phillip Hunt
Syracuse CNYRTA (Central New York Regional Transportation Authority)	32:9	00:21:20	2018-09-21	Gussie Dennis
Elizabethtown ECPT (Essex County Public Transit)	16:9	00:21:20	2018-09-21	Linnie Schwartz
Saratoga Springs Upstate Transit (UT)	32:9	00:21:20	2018-09-21	Steven Bradley
Norwich First Transit	32:9	00:21:20	2018-09-21	Harry Hines
TLC (The Leprechaun Connection, Newburgh-Beacon Shuttle)	16:9	00:21:20	2018-09-21	Jim Adams
Johnstown FCC (Fulton County Commuter)	32:9	00:21:20	2018-09-21	Angel Moore
Nichols Ride Tioga (Tioga County Public Transit, T-Tran)	16:9	00:21:20	2018-09-21	Minerva Bishop
Bronx County is part of New York City--see New York County	32:9	00:21:20	2018-09-21	Charlie Leonard

The Presentation Select screen is a searchable and filterable index of all the presentations within Jasper.

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A Search presentations field

Presentations table data would be bound to this field and search would be narrowed once a term is entered.

A Presentation Filter Menu

Popover provides additional filters to narrow presentations results, such as aspect ratio or length.

B Show Sequence Images toggle

Toggles the [Sequence Images view](#) for a more visual representation of the presentations.

C Presentations sort

Sorts presentations by the same values as the table, and is bound to the data in the table. This control is present because sorting should be accessible in the same place from the Sequence Images view.

D Presentations sort (table headers)

Same functionality as the presentations sort, but accessible in the table headers.

A Back to Granite Dashboard link

This link goes back to the Granite dashboard to select a different app.

B Presentation link

Each entire row in the table is a link to its corresponding [presentation view](#).

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Name	Ratio	Length
Carl Cross Grand Central Station Platform	32:9	00:21:20
Batavia Regional Transit Service	32:9	00:21:20
Metro (Niagara Frontier Transit Metro System, NFTMS)	32:9	00:21:20

The Sequence preview provides a more visual way of browsing presentations. Useful when an administrator remembers a visual element but not the presentation's name.

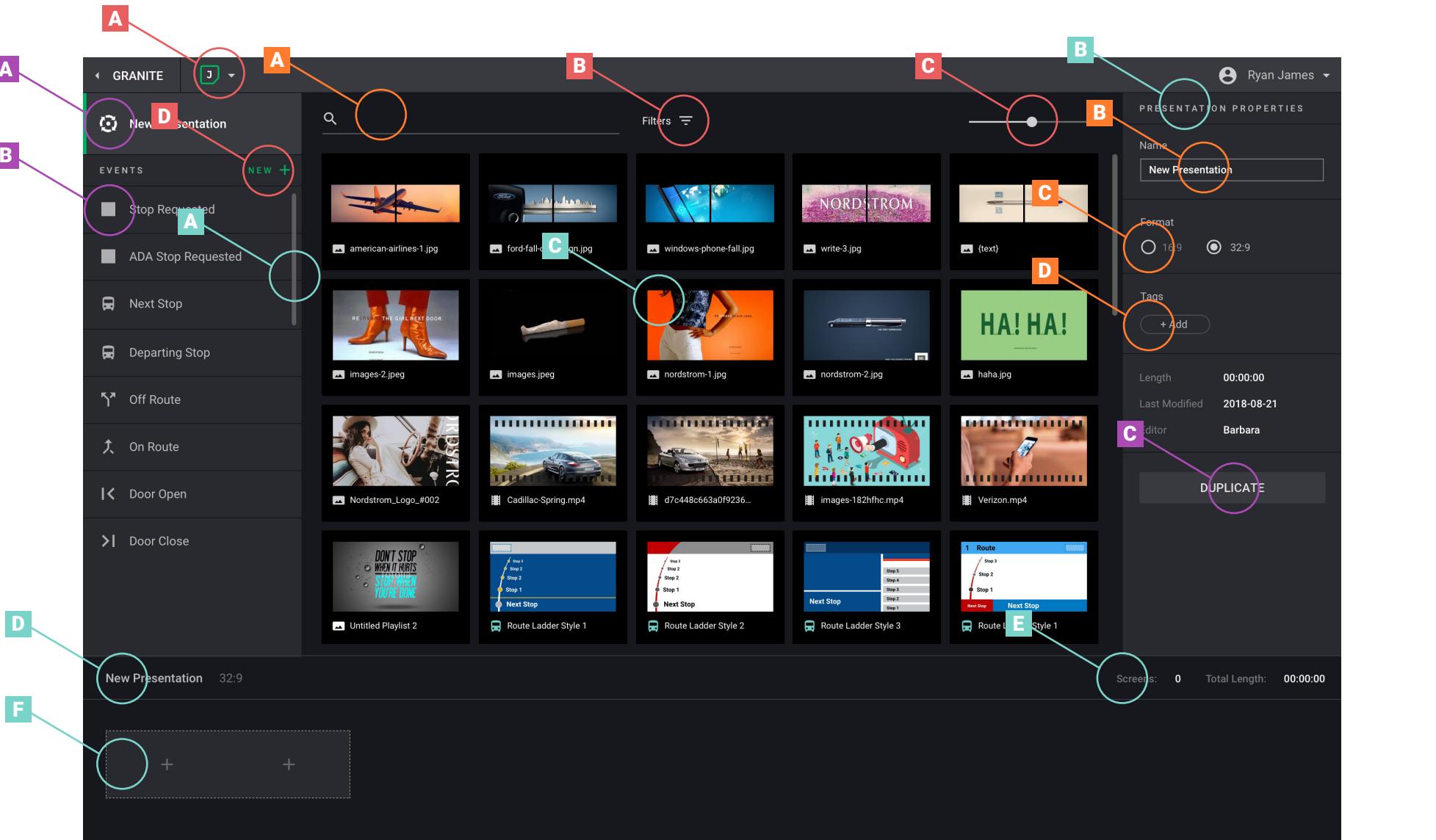
A Show Sequence Images toggle
Toggles back to the table view when unchecked.

A Collapsed table data
Data that was in the table columns would also be displayed in this view underneath the sequence preview.

A Sequence preview
This starts from the beginning of the master cycle. These could benefit from being horizontally scrollable to allow users to dig further into the presentation to see if it's the one they are looking for.

The entire row is a link region that goes to the [presentation view](#).

Empty Presentation



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A Asset Search field
Narrow asset results by search term.

B Presentation Name field
This field renames the presentation.

C Presentation Format field
This field toggles the format of the presentation between 16:9 and 32:9.

D Presentation tags
Assign tags to presentations that will assist in filtering and cataloging in the presentation index view.

A Jasper menu dropdown
The Jasper menu dropdown will display recent presentations with the option to view all presentations.

B Asset Filter Menu
This popover provides additional terms for narrowing the results of the asset grid: Image, video, audio, route ladder, notification bar.

C Asset grid scale adjustment
This control determines the size of the thumbnail images in the asset grid.

D New event modal activate
This opens a modal to create a new event. There are only two non-standard events in each presentation: Proximity to a Point and Alert. There is no limit to the number of each of these events in a given presentation.

A Events scroll
Depending on screen size and length of events list, this would be a scrollable region.

B Presentation properties
When the master cycle is selected in a presentation (A), that presentation's properties are visible on the right-hand panel.

C Assets grid
Pool of assets drawn from the Assets app. All assets displayed here would conform to the aspect ratio required for presentation. If a presentation is 16:9, 32:9 sized assets would not be visible or accessible.

D Master Cycle sequence
This is the primary sequence in a presentation. Assets are dragged into this area to generate the master cycle.

E Master Cycle stats
Screen count and duration are useful statistics, especially when evaluating the bus routes the presentation will be running on.

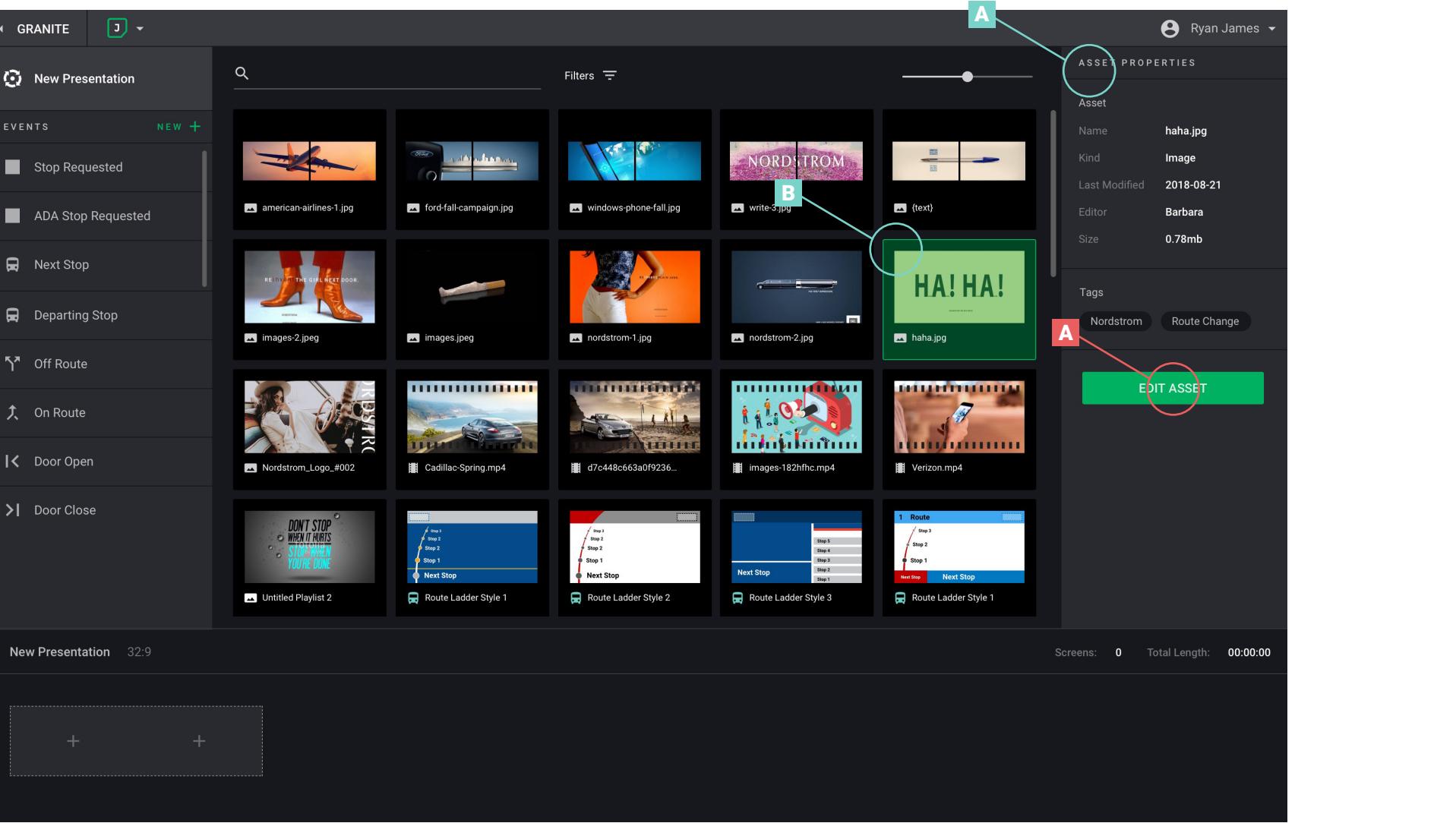
F Sequence screen drop zone
This orients users to the left-right direction of the sequence, as well as the possibility of coupling two individual 16:9 assets to fill a 32:9 screen.

A Master Cycle tab
Click this tab to display the master cycle (currently showing)

B Event tab
Click this or any other tab in the events list to display that event's properties.

C Duplicate presentation modal activate
This opens a modal that duplicates the new presentation with a different name.

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Example of general description of Page

A Edit asset button

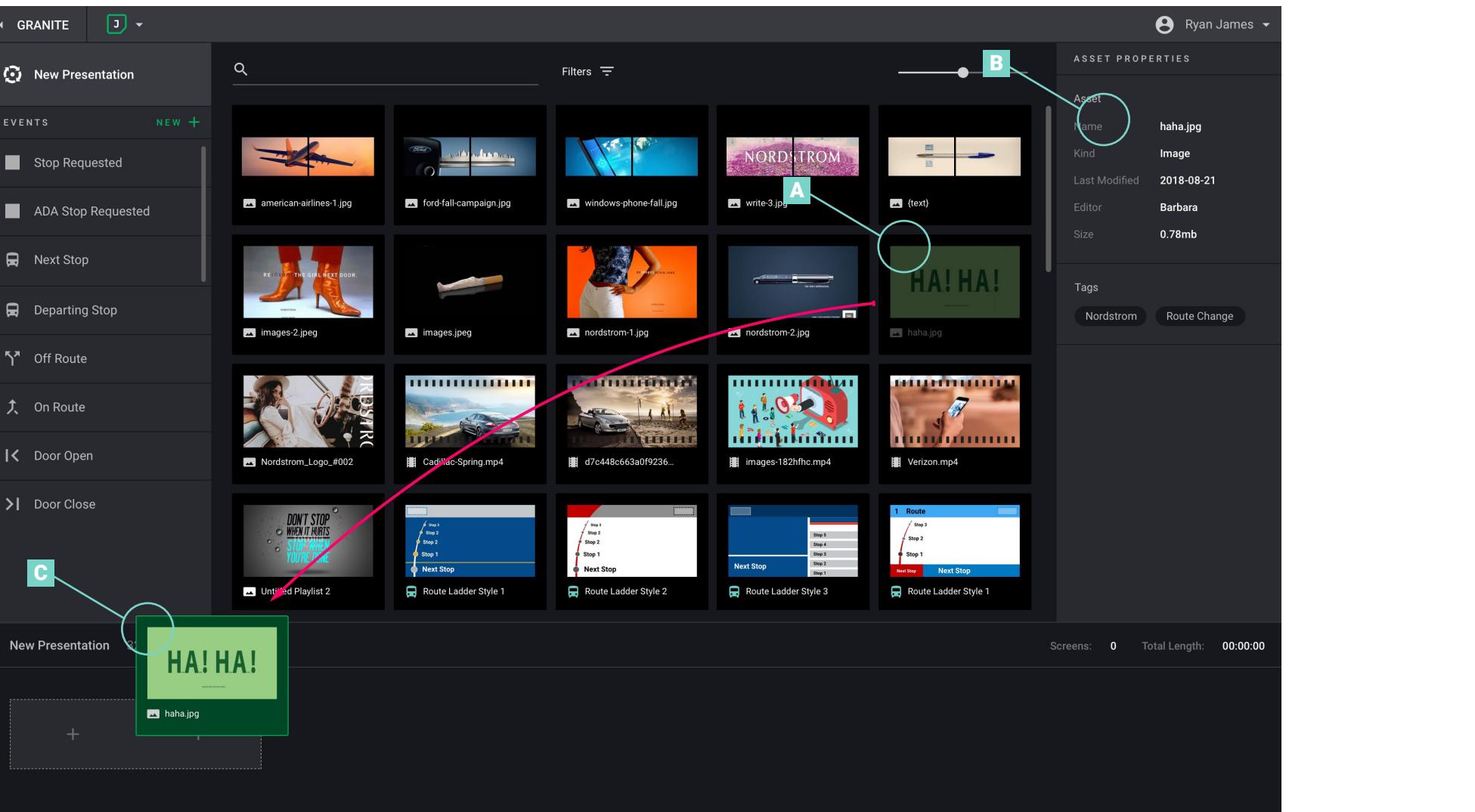
This button opens a modal that is an exact replica of the [asset editing capabilities](#) for that asset that would otherwise be available in the Assets app.

A Asset Properties panel

When an asset is selected the asset properties panel displays useful information about that asset. These properties are not editable from this view.

B Selected asset

Any selected media item will have a green outline and background color. The properties of whatever is selected (either in the tabs, sequence or asset grid) will display in the properties pane on the right.

**A** Dragged asset ghost

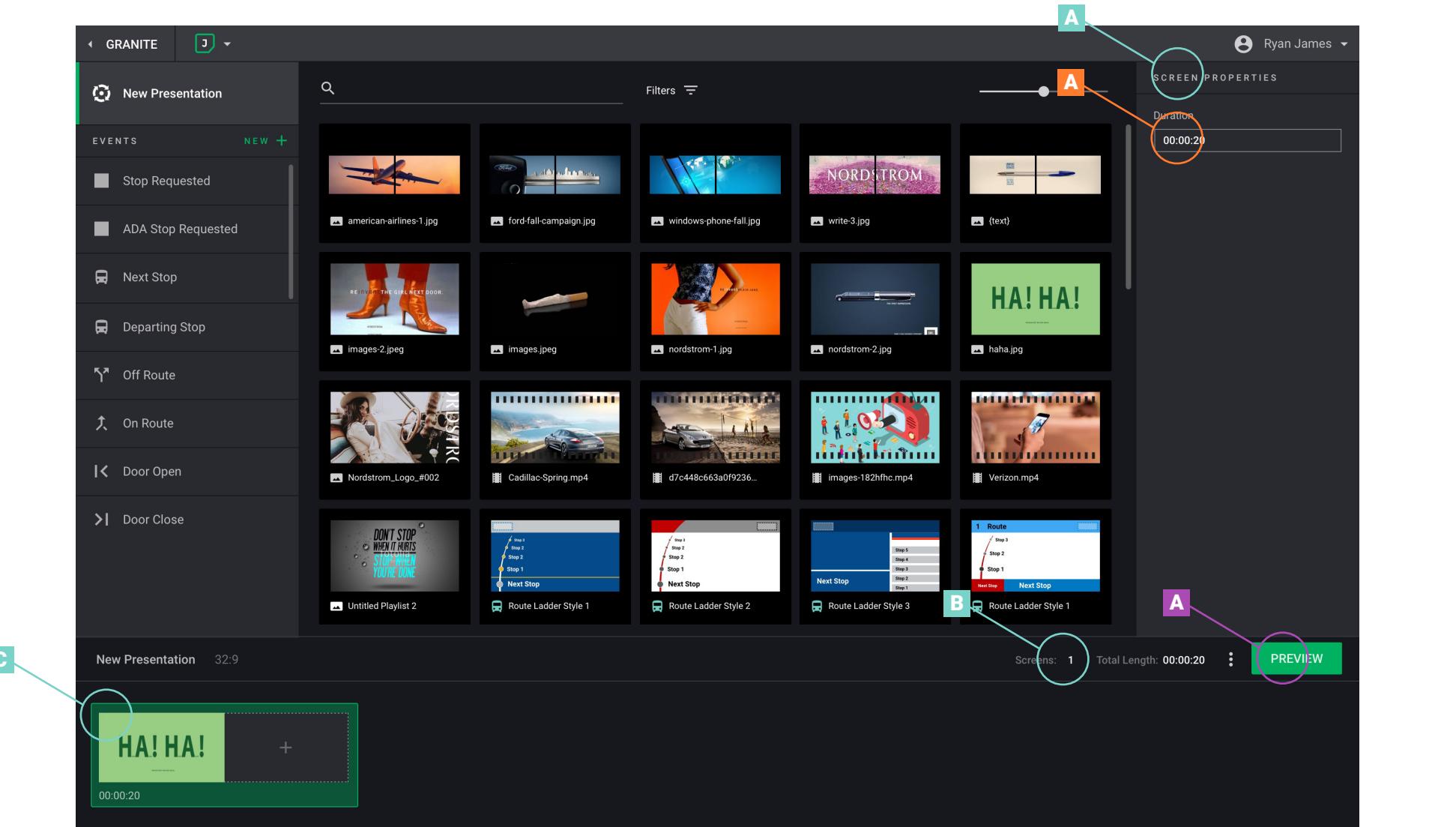
While an asset is being dragged into the sequence drop zone, the opacity of its place in the grid is diminished. The asset would reappear in the grid once it is finished being placed due to the potential of any asset being used several times in a sequence.

B Dragged asset properties panel

While an asset is being dragged the properties panel maintains display of its properties, minus the Edit Asset button.

C Dragged asset entering drop zone

When an asset is dropped into a zone, it occupies the left-most area (in the case of a 32:9 presentation), or fills the entire screen if it is a 32:9 asset.

**A Screen duration field**

This field sets the duration that the screen is displayed before moving on to the next screen.

A Screen properties

The screen properties pane is displayed because the screen is selected in the sequence at the bottom of the screen.

B Master Cycle stats

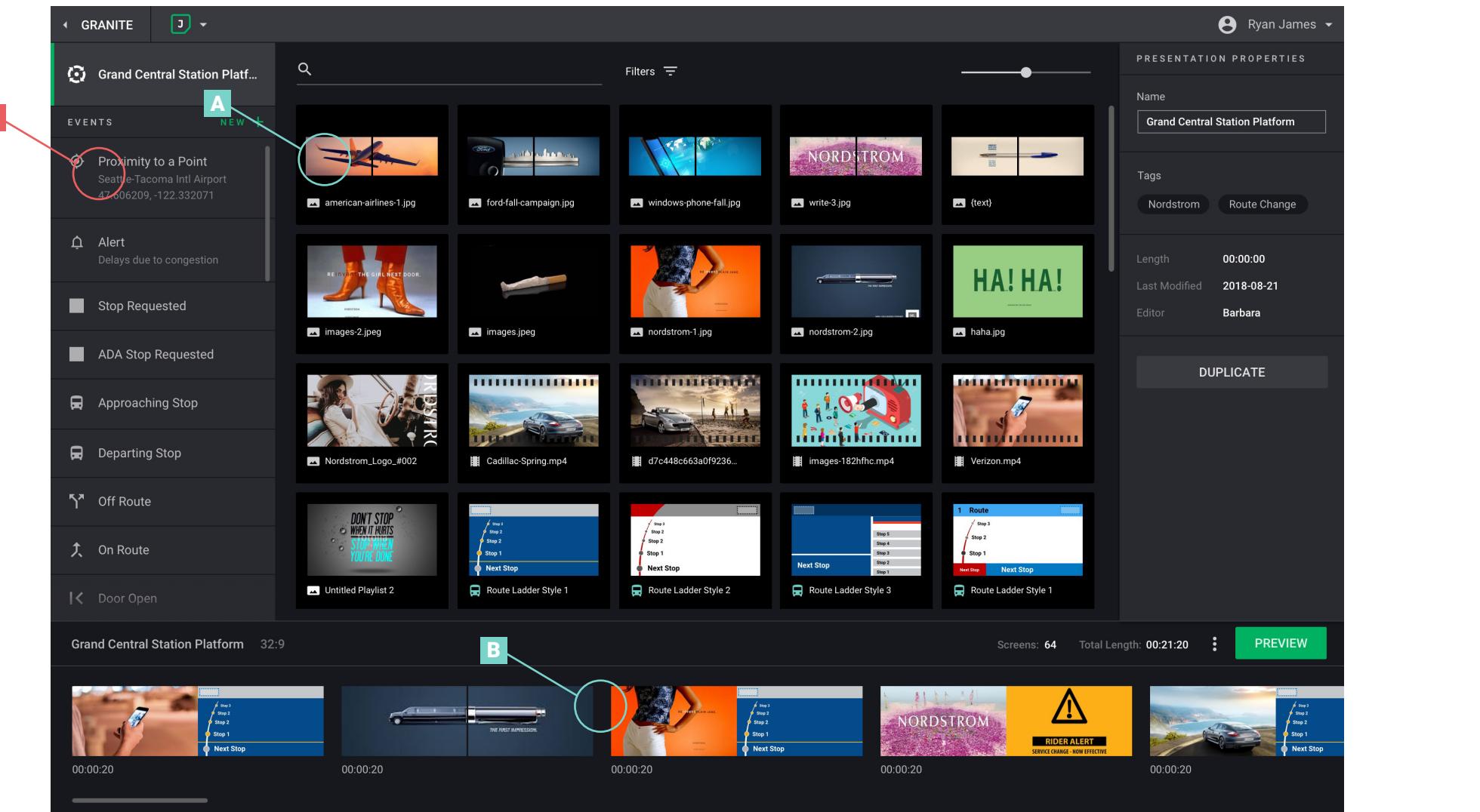
Stats update as more assets are added to the sequence.

C Selected sequence screen

With 32:9 presentations, even screens that have two different assets on each side will only be selectable as a single screen in the sequence view, and will share properties in the Properties panel (A).

A Preview modal activate button

The preview button opens a [full-window preview](#) of the master cycle.



A Proximity to a Point event tab

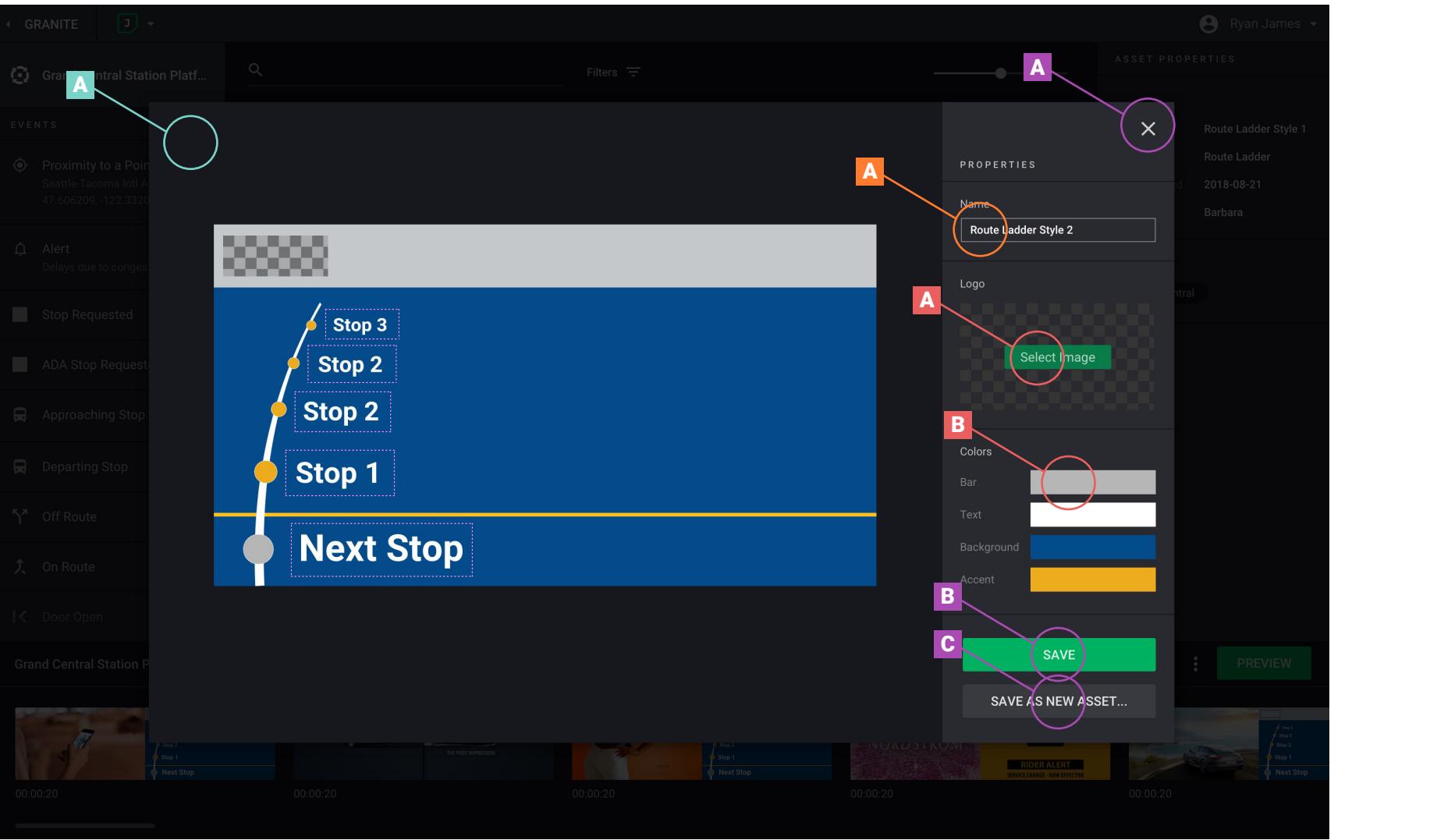
This is one of two non-default events (with Alert) that can be added to the events list.

A 32:9 asset

Some assets in the library will be constructed as 32:9 and will simulate the small dividing line in the display.

B Intermediate screen drop zone

If an asset is dragged in between screens in the sequence, the two screens push to either side of the asset to make way for the new screen.



This is an example of an route ladder asset that, after being selected, the user has selected [Edit Asset](#) in the asset properties pane.

- A Asset name field**
This field renames the asset.

- A Select logo image**
This opens a dialog to select a local asset to place as a logo in on the route ladder.

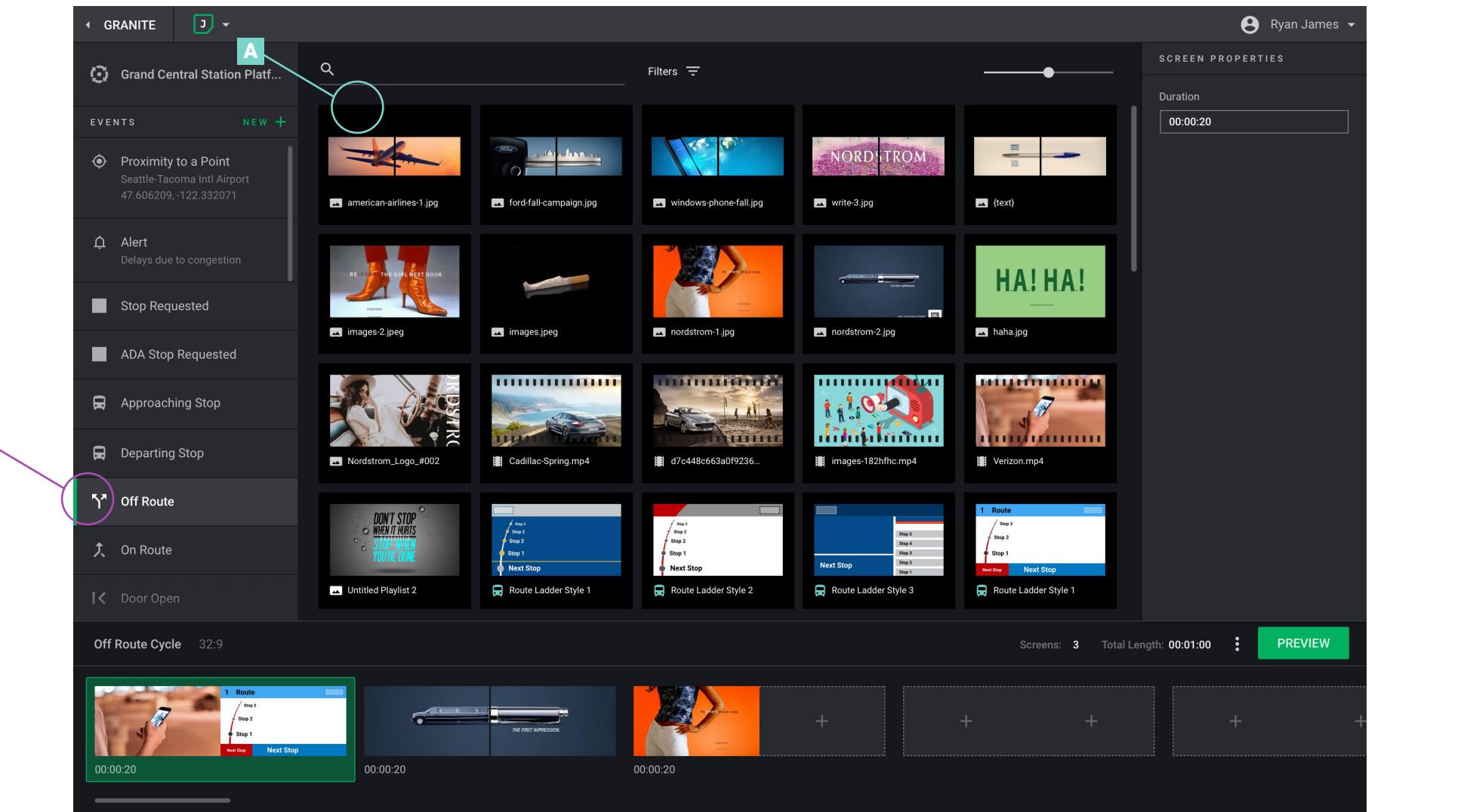
- B Color picker activate**
This opens a color picker. The components whose colors can be modified depends on the type of asset.

- A Asset edit modal**
The ability to edit an asset directly in Jasper smooths the flow that would otherwise require users to switch between Assets and Jasper.

- A Close modal link**
This link closes the modal and returns to the underlying view.

- B Save asset (overwrite)**
This button would save the asset and display a prompt validating that the user wants to overwrite the asset, meaning it would change in any other presentation using that asset.

- C Save asset (as new)**
This button saves a duplicate of the existing asset.



Some events display a sub-cycle within the larger master cycle. These events (like Off Route) display the same editing capabilities as the Master Cycle.

A Asset grid

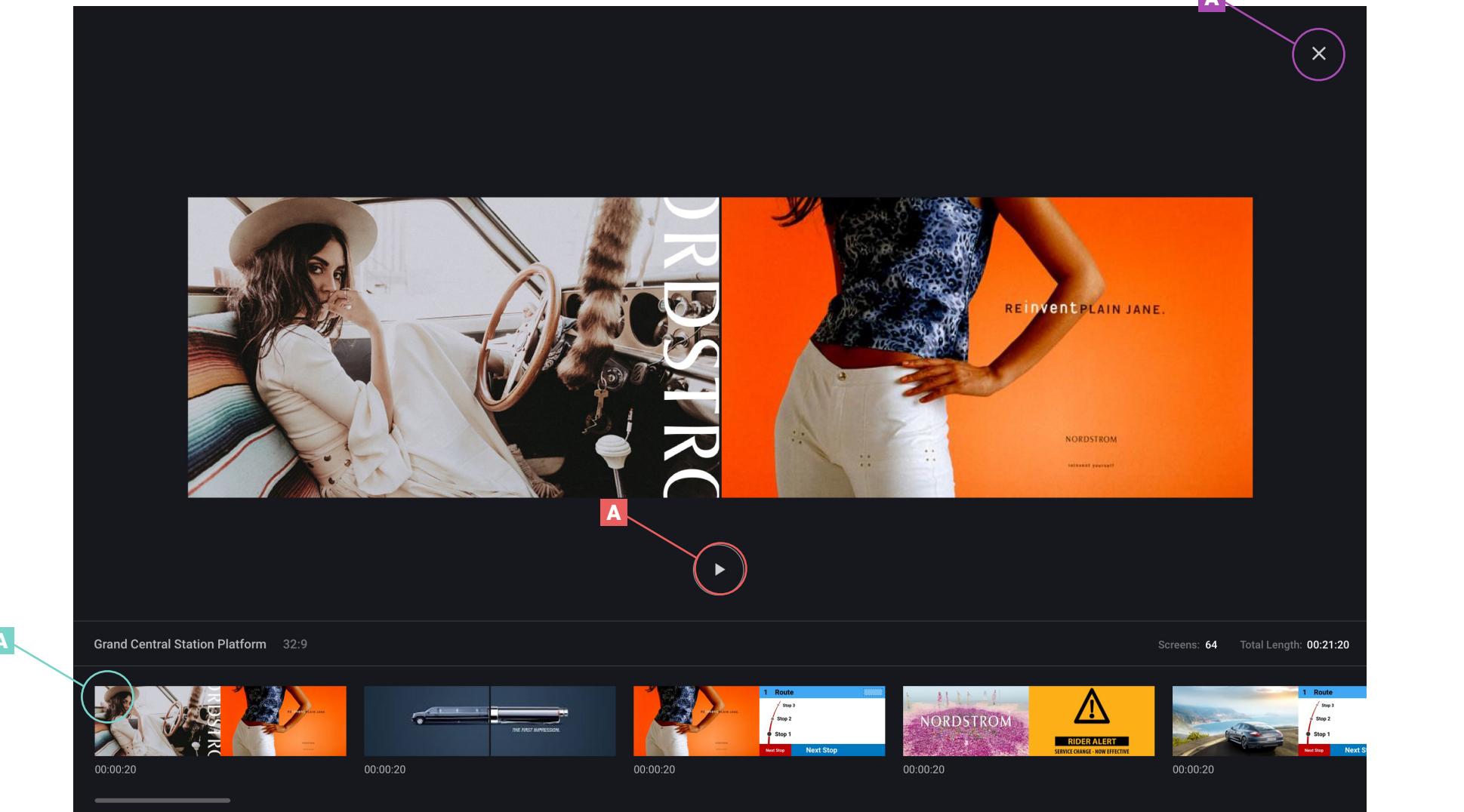
The same asset library is available to sub-cycle event types.

A Off route tab

When another tab on the left is selected, depending on the type of event the main view displays either the asset grid with cycle or other controls specific to the event.



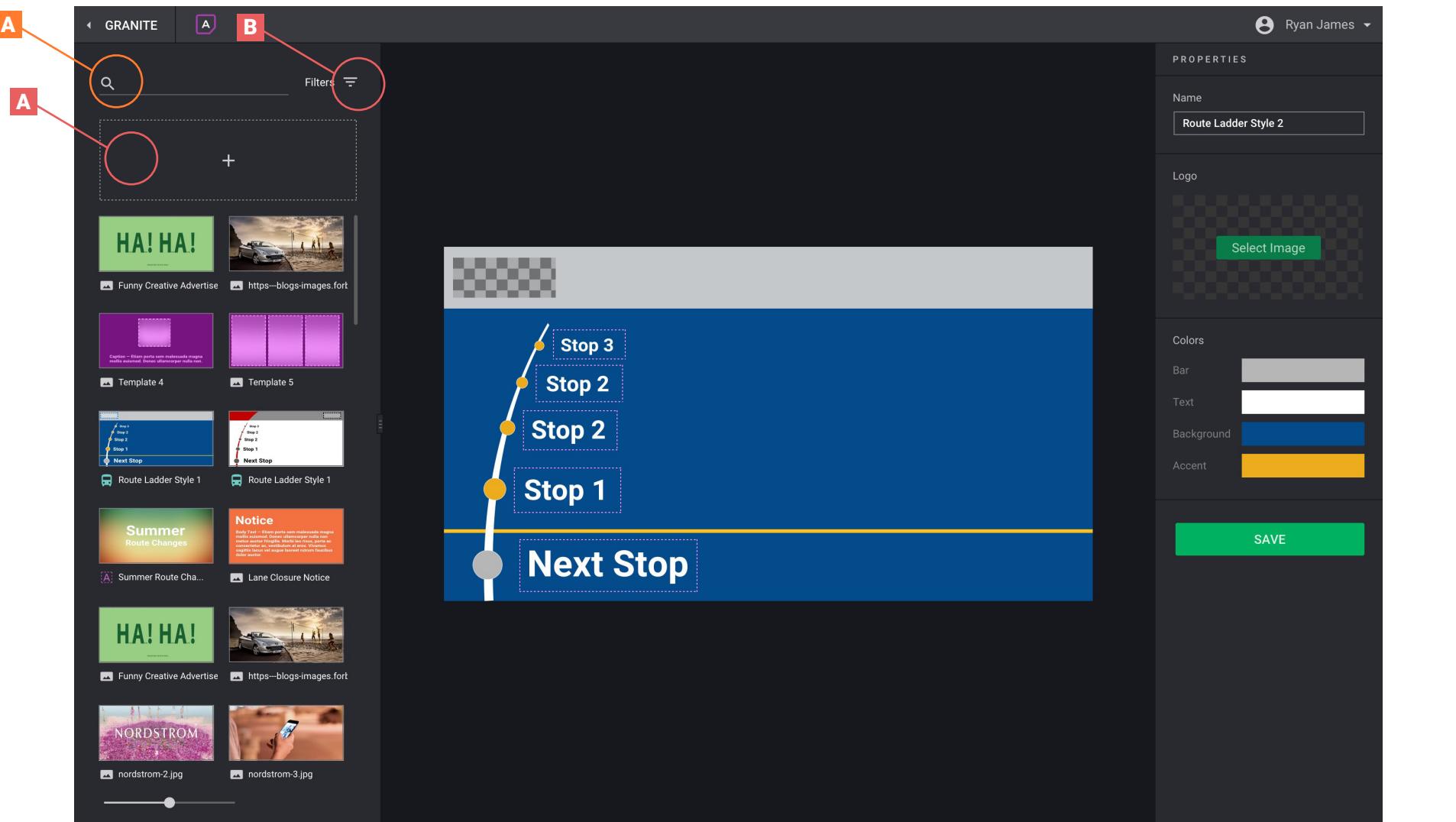
Proximity to a Point is an example of an event with more tailored controls in the main view.



A Preview play control
This is a simple play/pause control that plays the master cycle or event subcycle.

A Close preview
This closes the preview and returns to the underlying view.

A Preview sequence display
The sequence display moves along with the progression of the preview playback.



Example of general description of Page

A **Assets search**
This field searches for assets in the entire library by keyword.

A **Add asset drop zone**
This area provides a drop zone to drag one or many assets from a user's computer to upload them to the library.

B **Filter Assets Menu**
This popover provides additional terms for narrowing the results of the asset grid.