



## Jasper Application User Guide

---

Last Updated  
June 22, 2018 11:41 AM

Luminator Technology Group  
[ltgglobal.com](http://ltgglobal.com)

## Table of Contents

Application and Document Overview .....	3
Granite - Sign-in .....	4
Granite - Dashboard .....	6
Jasper - Presentation Select .....	8
Jasper - Presentation Select - Sequence Preview .....	10
Jasper - Empty Presentation.....	12
Presentation - Asset Select .....	14
Presentation - Asset Drag .....	16
Presentation - Master Cycle - Screen Selected .....	18
Presentation - Full Master Cycle .....	20
Presentation - Full Master Cycle - Asset Edit Modal .....	22
Presentation - Off Route Event .....	24
Presentation - Proximity to a Point Event.....	26
Presentation - Preview .....	28
Assets - Route Ladder Edit .....	30

## Legend

-  Field
-  Control
-  Note
-  Link

## 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.

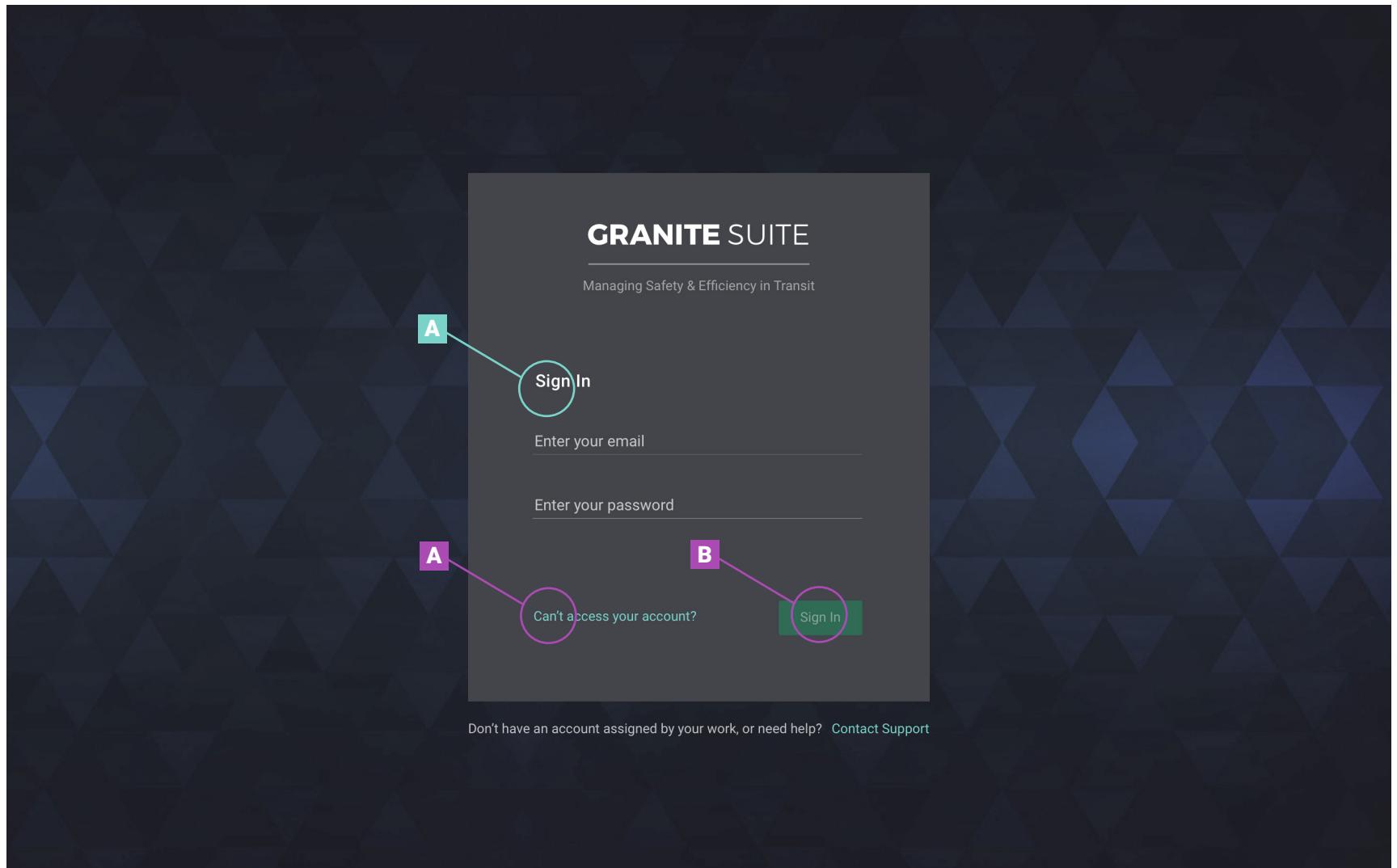
Jasper is heavily reliant on Assets, an auxiliary app for creating and organizing media for use in other Granite apps.

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.



**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**

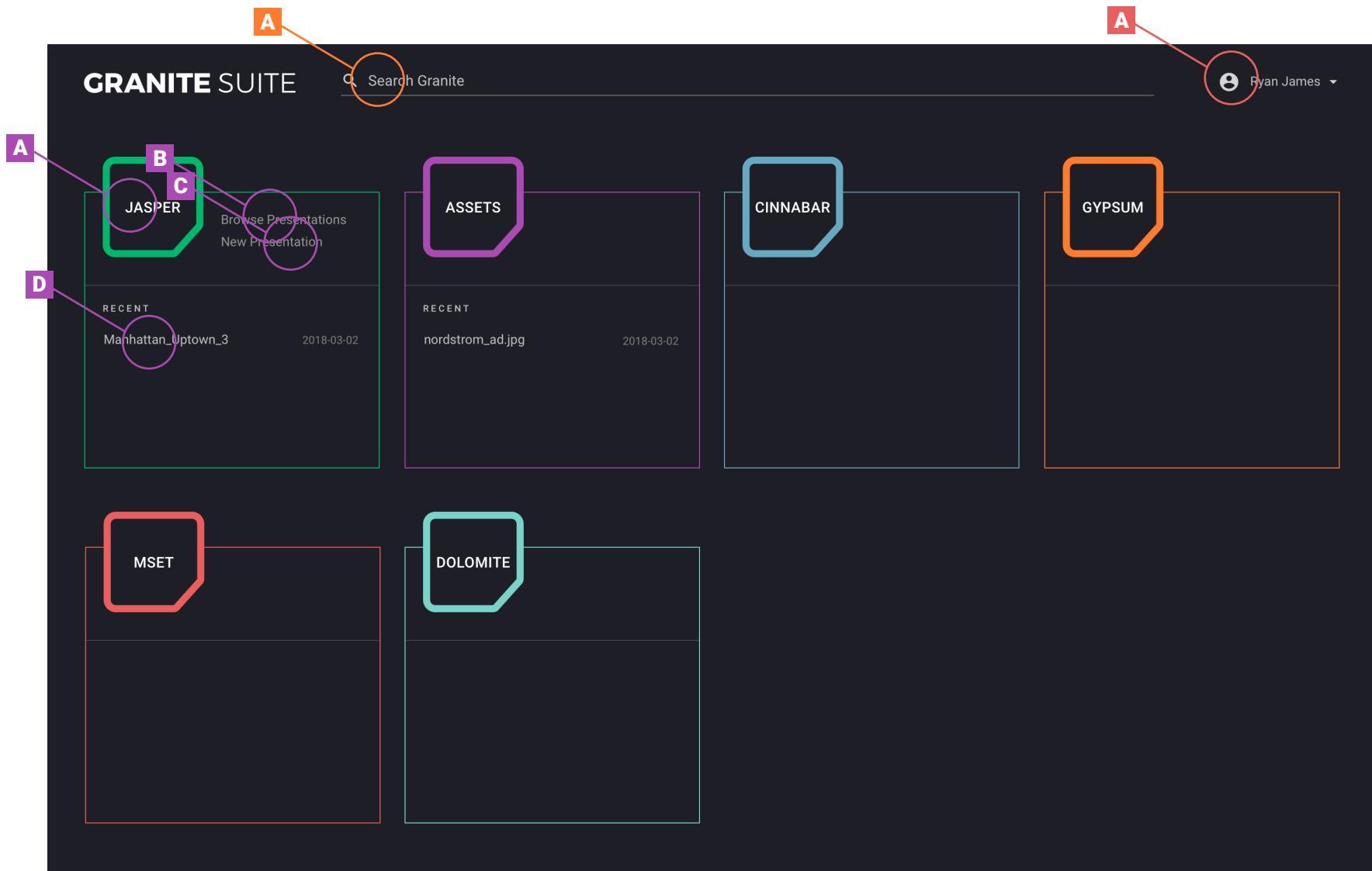
This link would go to a page with a password reset or other form of account confirmation.

**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

JASPER



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

**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.

# Presentation Select

The screenshot shows the Jasper 'Presentation Select' interface. At the top left is a purple circle labeled 'A' pointing to the 'GRANITE' button. Below it is an orange circle labeled 'A' pointing to the 'Presentations' button. To the right of the presentations list is an orange circle labeled 'A' pointing to the 'Filters' button. Further right is an orange circle labeled 'B' pointing to the 'Show Sequence Images' checkbox. At the far right is a red circle labeled 'C' pointing to the 'Sort' dropdown menu set to 'Length'. The main area displays a table of presentations with the following data:

PRESNTATION	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.

**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](#).

# Presentation Select - Sequence Preview



A presentation sequence preview interface is shown. The interface includes a header with 'GRANITE' and a user profile for 'Ryan James'. A search bar and filter options ('Filters') are also present. A checked checkbox labeled 'Show Sequence Images' is highlighted with a red circle and a red arrow pointing to it.

The main area displays a grid of presentation cards. Each card includes a thumbnail image, the presentation's name, its last editor, and its last edit date. The cards are organized into four rows:

- Row 1:** Carl Cross (Grand Central Station Platform), Last Edited by Jean Douglas on 2018-09-21, Group Blickland.
- Row 2:** Name Batavia Regional Transit Service, Ratio 32:9, Length 00:21:20, Last Edited by Rosalie Powell on 2018-09-21, Group Blickland.
- Row 3:** Hattie Lowe (Metro (Niagara Frontier Transit Metro System, NFTMS)), Ratio 32:9, Length 00:21:20, Last Edited by Esther Perez on 2018-09-21, Group Blickland.
- Row 4:** (This row is partially visible at the bottom of the screen.)

Each presentation card features a small 'A' icon, which is circled in purple and connected by a purple arrow to the first 'A' icon in the header. The cards also feature a 'Next Stop' button at the bottom right.

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**

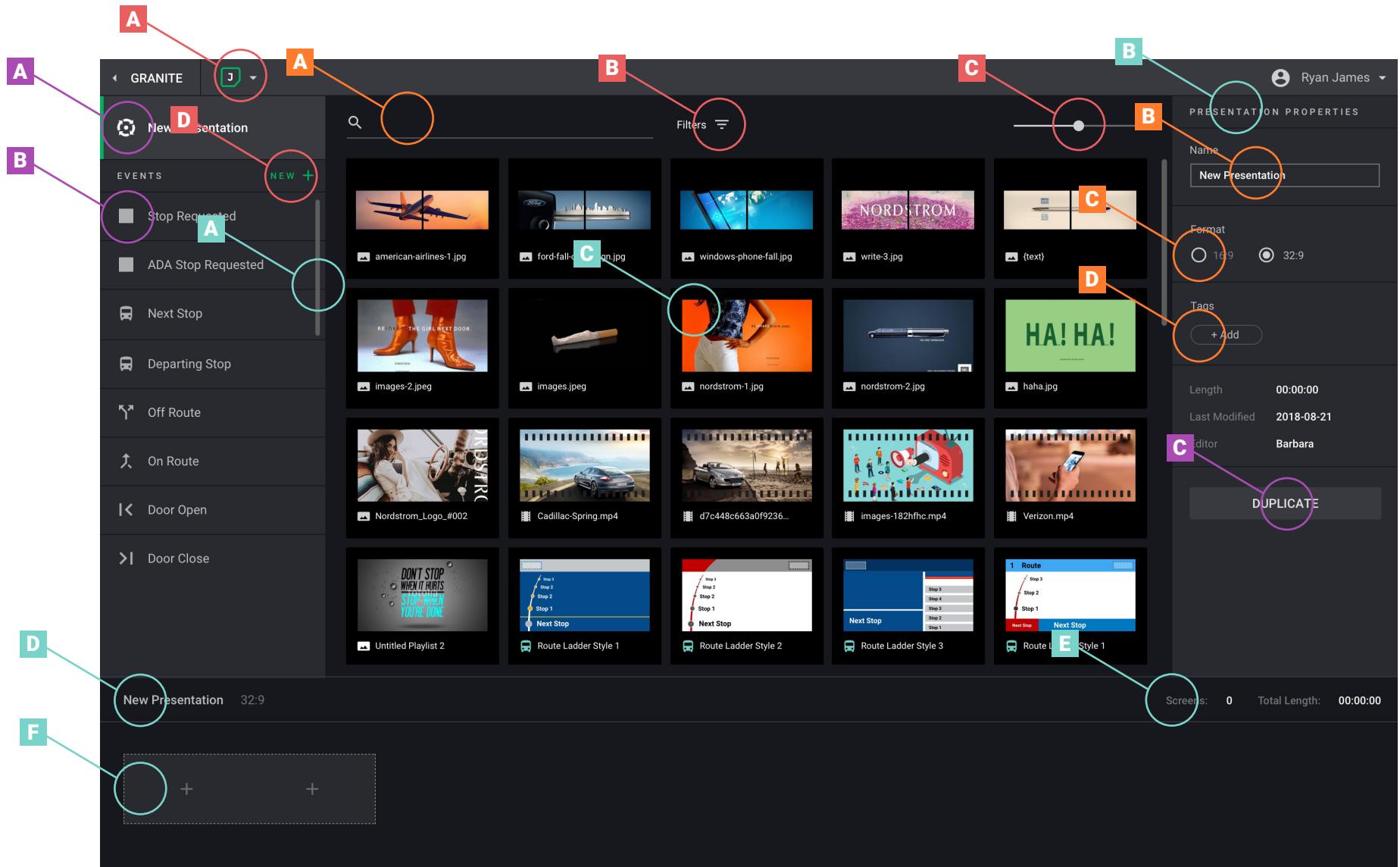
Data that was in the table columns would also be displayed in this view underneath the sequence preview.

**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



The primary activity of the presentation view will be managing events and building the master cycle by dragging assets onto the sequence at the bottom of the screen.

**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)

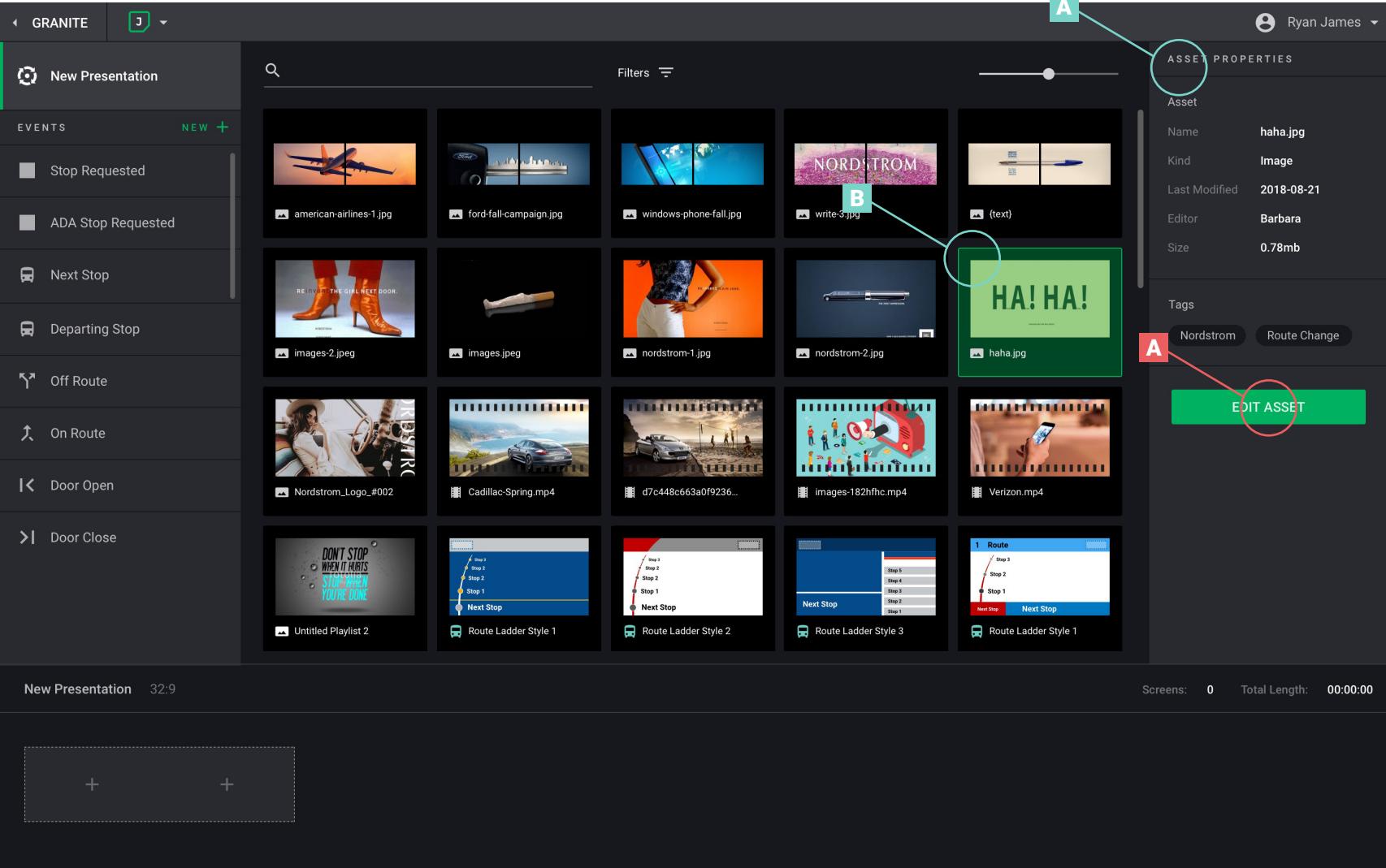
**B Event tab**

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.

# Presentation - Asset Select



The screenshot shows the Jasper Asset Select interface. On the left, there's a sidebar with a 'New Presentation' button and a list of events: Stop Requested, ADA Stop Requested, Next Stop, Departing Stop, Off Route, On Route, Door Open, and Door Close. Below the sidebar, it says 'New Presentation 32:9'. On the right, there's a grid of asset thumbnails. One specific asset, a green image with 'HA! HA!' in white, is highlighted with a red border and circled with a red line. This asset has a tooltip 'A' above it. To the right of the grid is the 'ASSET PROPERTIES' panel, which shows details for the selected asset: Name (haha.jpg), Kind (Image), Last Modified (2018-08-21), Editor (Barbara), Size (0.78mb), and Tags (Nordstrom, Route Change). Below the properties is a red button labeled 'EDIT ASSET' with a red circle around it.

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.

# Presentation - Asset Drag

The screenshot illustrates the Jasper software interface for managing digital assets and presentations. On the left, a sidebar lists various events: Stop Requested, ADA Stop Requested, Next Stop, Departing Stop, Off Route, On Route, Door Open, and Door Close. A 'New Presentation' button is also present. The main area displays a grid of assets, including images and video files, with a search bar and filters at the top. An asset named 'haha.jpg' (Kind: Image, Last Modified: 2018-08-21, Editor: Barbara, Size: 0.78mb) is selected, as indicated by a cyan circle and labeled 'B'. A pink arrow points from this asset to a green circle labeled 'C', which highlights a thumbnail of the same 'haha.jpg' image within a 'New Presentation' window. The bottom right corner shows statistics: Screens: 0 and Total Length: 00:00:00.

**Asset Properties:**

- Asset Name: haha.jpg
- Kind: Image
- Last Modified: 2018-08-21
- Editor: Barbara
- Size: 0.78mb

**Tags:**

- Nordstrom
- Route Change

**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.

# Presentation - Master Cycle - Screen Selected

JASPER

The screenshot shows the Jasper software interface with a dark theme. On the left, a sidebar titled 'GRANITE' lists various events: Stop Requested, ADA Stop Requested, Next Stop, Departing Stop, Off Route, On Route, Door Open, and Door Close. A 'New Presentation' button is also present. The main area displays a grid of media files, including images and videos. In the top right, 'SCREEN PROPERTIES' are shown for the selected screen, which has a duration of 00:00:20. The bottom right shows the total length of the presentation as 00:00:20, with a 'PREVIEW' button highlighted with a purple circle. A green circle highlights the selected screen in the grid. Annotations with letters A, B, and C point to specific elements: A points to the duration field and the preview button; B points to the selected screen in the grid; C points to the preview screen at the bottom.

A: SCREEN PROPERTIES  
Duration: 00:00:20

B: Route Ladder Style 1

C: HA! HA!

New Presentation 32:9

HA! HA!

00:00:20

PREVIEW

Screens: 1 Total Length: 00:00:20

**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.

# Presentation - Full Master Cycle



**A**

GRANITE J

Grand Central Station Plat...

Events

- Proximity to a Point (Seattle-Tacoma Intl Airport 47.606209, -122.332071)
- Alert (Delays due to congestion)
- Stop Requested
- ADA Stop Requested
- Approaching Stop
- Departing Stop
- Off Route
- On Route
- Door Open

Filters

PRESENTATION PROPERTIES

Name: Grand Central Station Platform

Tags: Nordstrom, Route Change

Length: 00:00:00

Last Modified: 2018-08-21

Editor: Barbara

DUPLICATE

Search bar

Image grid:

- american-airlines-1.jpg
- ford-fall-campaign.jpg
- windows-phone-fall.jpg
- write-3.jpg
- (text)
- images-2.jpeg
- images.jpeg
- nordstrom-1.jpg
- nordstrom-2.jpg
- haha.jpg
- Nordstrom\_Logo\_#002
- Cadillac-Spring.mp4
- d7c448c663a0f9236...
- images-182hfc.mp4
- Verizon.mp4
- Untitled Playlist 2
- Route Ladder Style 1
- Route Ladder Style 2
- Route Ladder Style 3
- Route Ladder Style 1

Grand Central Station Platform 32:9 Screens: 64 Total Length: 00:21:20 PREVIEW

B

00:00:20 00:00:20 00:00:20 00:00:20 00:00:20

**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.

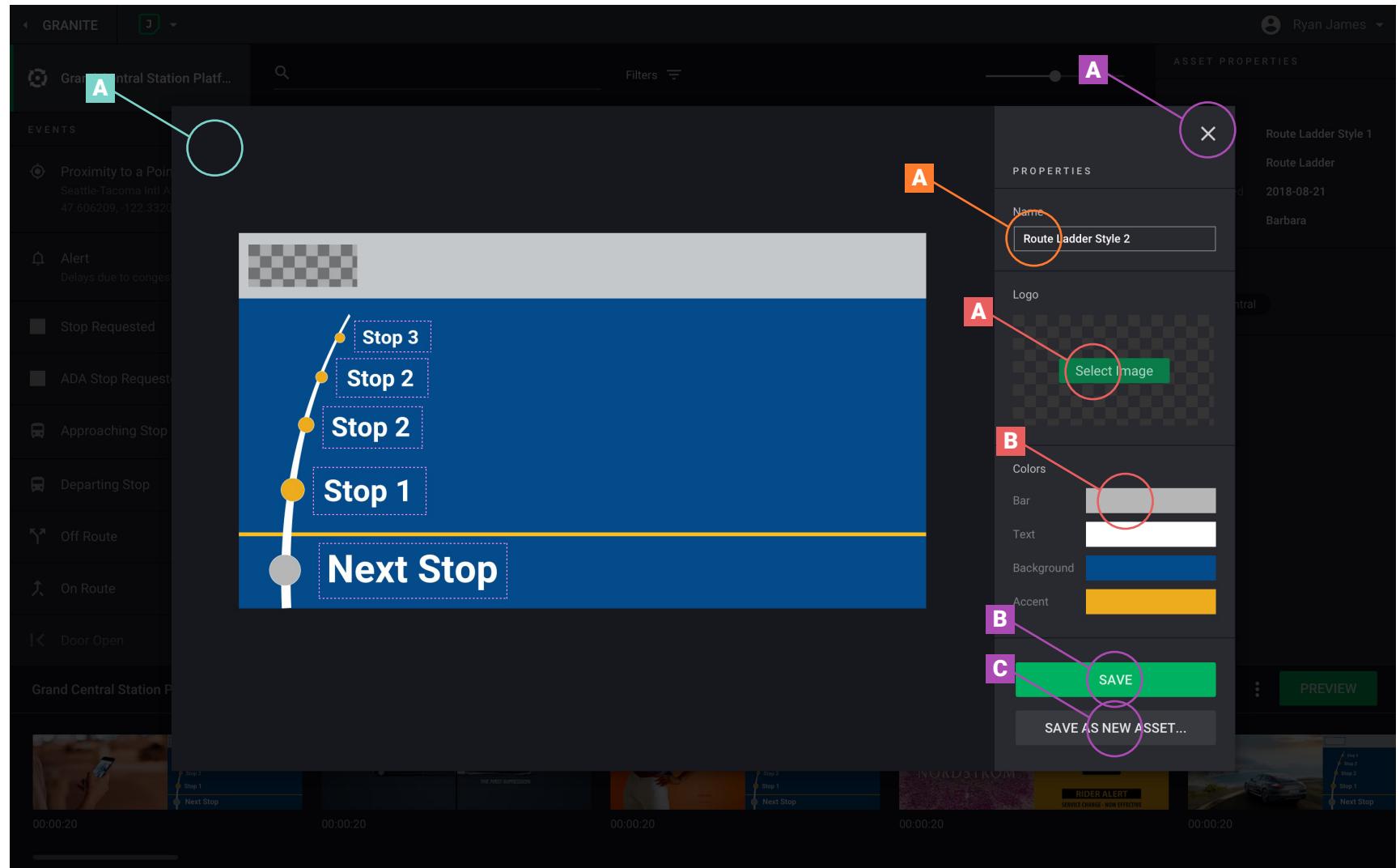
**A 32:9 asset**

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.

# Presentation - Full Master Cycle - Asset Edit Modal



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.

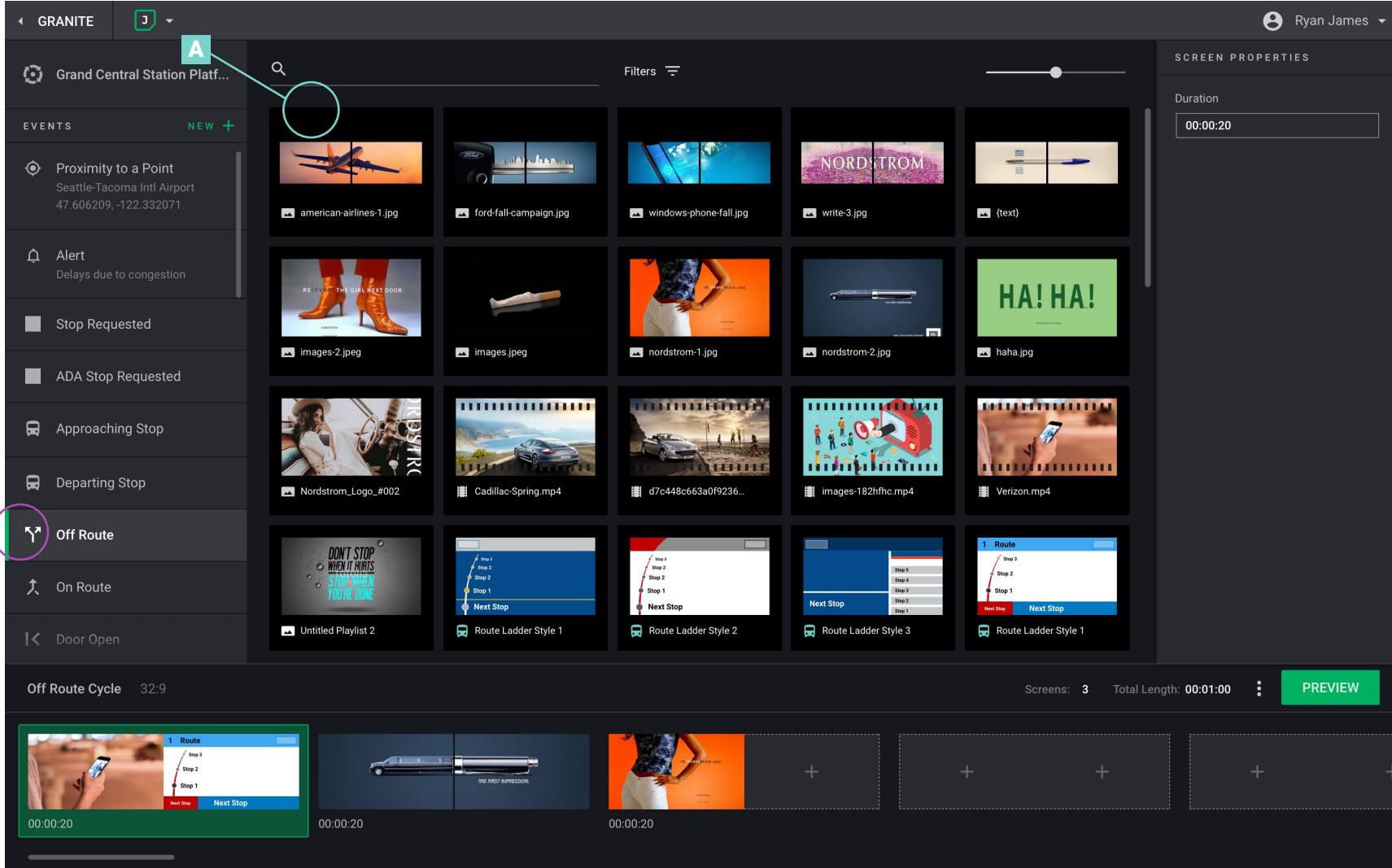
**B Save asset (overwrite)**

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.

# Presentation - Off Route Event



The screenshot shows the Jasper software interface with the following details:

- Top Bar:** GRANITE, a profile icon for Ryan James, and SCREEN PROPERTIES (Duration: 00:00:20).
- Left Sidebar (Events):**
  - Grand Central Station Plat... (highlighted with a green circle)
  - Proximity to a Point (Seattle-Tacoma Intl Airport)
  - Alert (Delays due to congestion)
  - Stop Requested
  - ADA Stop Requested
  - Approaching Stop
  - Departing Stop
  - Off Route** (highlighted with a purple circle and labeled 'A')
  - On Route
  - Door Open
- Search Bar:** A magnifying glass icon with a blue circle labeled 'A'.
- Image Grid:** A 4x5 grid of images and videos. The first row contains: american-airlines-1.jpg, ford-fall-campaign.jpg, windows-phone-fall.jpg, write-3.jpg, and (text). The second row contains: images-2.jpeg, images.jpeg, nordstrom-1.jpg, nordstrom-2.jpg, and haha.jpg. The third row contains: Nordstrom\_Logo\_#002, Cadillac-Spring.mp4, d7c448c663a0f9236..., images-182hfc.mp4, and Verizon.mp4. The fourth row contains: Untitled Playlist 2, Route Ladder Style 1, Route Ladder Style 2, Route Ladder Style 3, and Route Ladder Style 1.
- Bottom Panel:** Shows the Off Route Cycle (32:9), Screens: 3, Total Length: 00:01:00, and a PREVIEW button. It displays a preview of the three screens: the first screen shows a route ladder with stops; the second screen shows a pen advertisement; and the third screen is blank.

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.

# Presentation - Proximity to a Point Event



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

**A Event label field**

This field adjusts the text that is on display in the Proximity to a Point tab. If there are more than one Proximity to a Point events in a Presentation, this text is useful to distinguish them.

**B Proximity radius fields**

These fields offer manual entry to set the event's proximity radius. The data in these fields is bound to the radius tool on the map.

**A Change asset**

Select a different asset to display. There would be several notification bar templates within the asset library.

**B Proximity radius tool**

This tool allows users to drag and scale the radius from a point on a map.

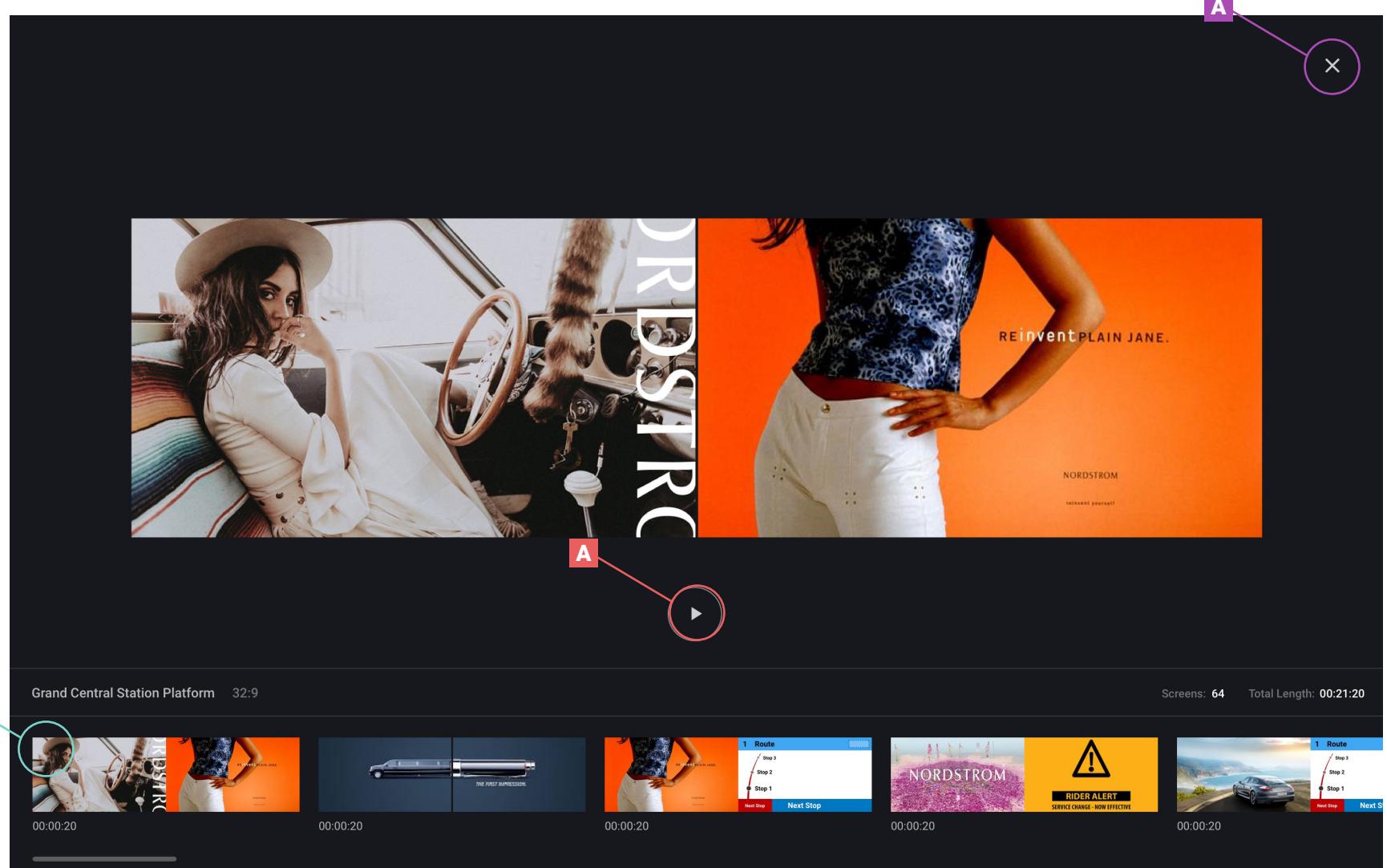
**A Notification display preview**

This area shows a preview of the notification when an event is triggered and it is displayed on the screen.

**B Proximity map**

The proximity map would follow the general standards of interactive maps: pan, zoom, etc. The radius point would remain in the center of the map, so controlling where the point is set on the map is done by panning the map itself.

## Presentation - Preview



**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.

## Assets - Route Ladder Edit

The screenshot illustrates the Jasper 'Assets - Route Ladder Edit' interface. On the left, a sidebar lists various assets: 'HA! HA!', 'Template 4', 'Template 5', 'Route Ladder Style 1', 'Summer Route Changes', 'Notice', and 'NORDSTROM'. The main workspace features a route ladder diagram with four stops labeled 'Stop 1', 'Stop 2', 'Stop 2', and 'Stop 3'. The right panel contains the 'PROPERTIES' section for 'Route Ladder Style 2', which includes fields for 'Name' (set to 'Route Ladder Style 2'), 'Logo' (with a 'Select Image' button), and color swatches for 'Bar' (light gray), 'Text' (white), 'Background' (blue), and 'Accent' (orange). A large green 'SAVE' button is located at the bottom right.

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.