

# 20 WEST GASTON -PORCH SCREEN

20 West Gaston Street

Savannah, Georgia

Savannah Downtown Historic District



## PROJECT TEAM:

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## 20 WEST GASTON

115 WEST GORDON ST.  
SAVANNAH, GA 31401

## COVER SHEET

PROJECT NO. 2609.00  
DATE 03.11.26  
SHEET NO.

G000

## PROJECT DESCRIPTION:

This submittal seeks approval for the installation of motorized insect screens on the side porches at 20 West Gaston Street in the Savannah Downtown Historic District. The historic residence was built for William Brantley in 1857, and it is attributed to John Norris.

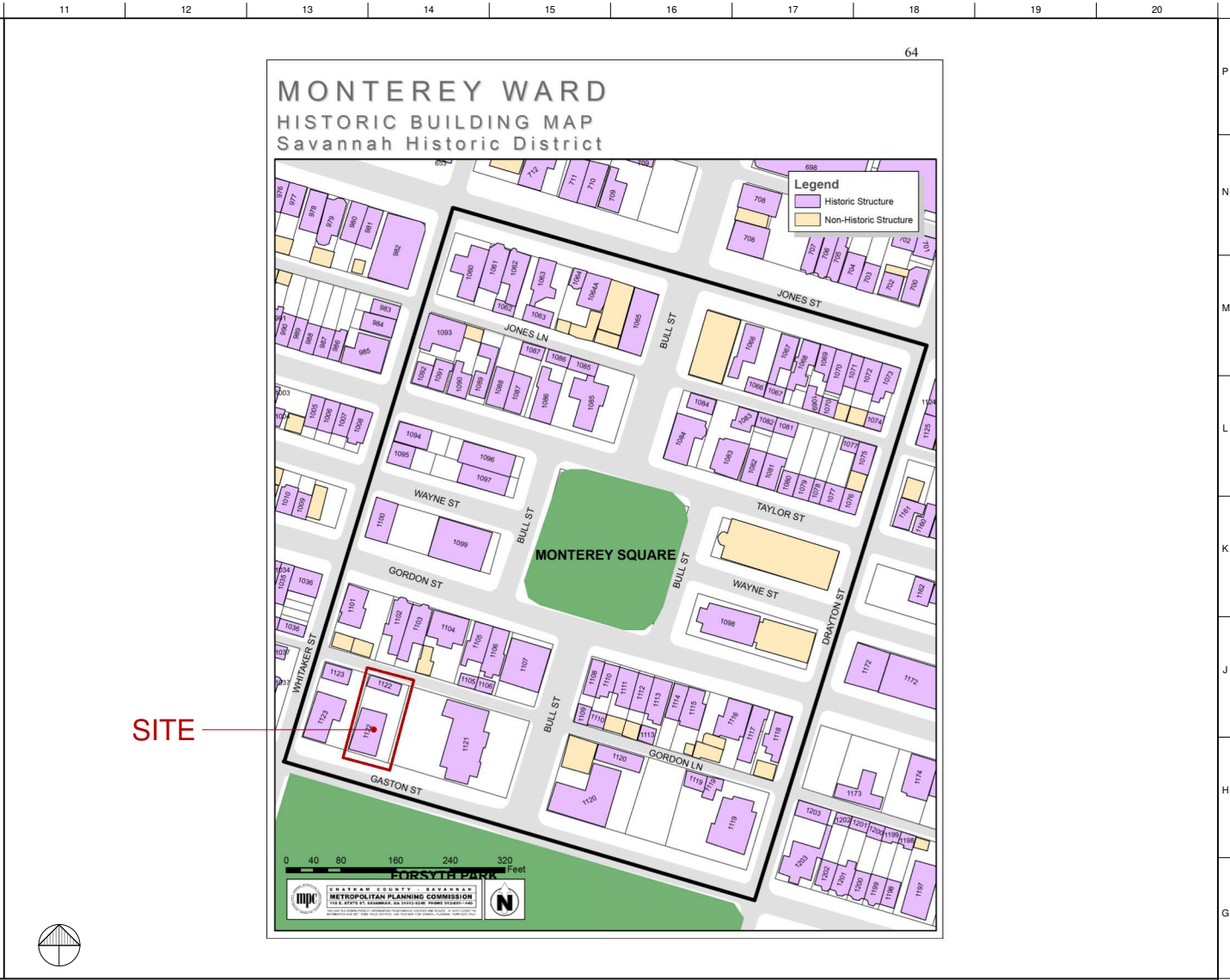
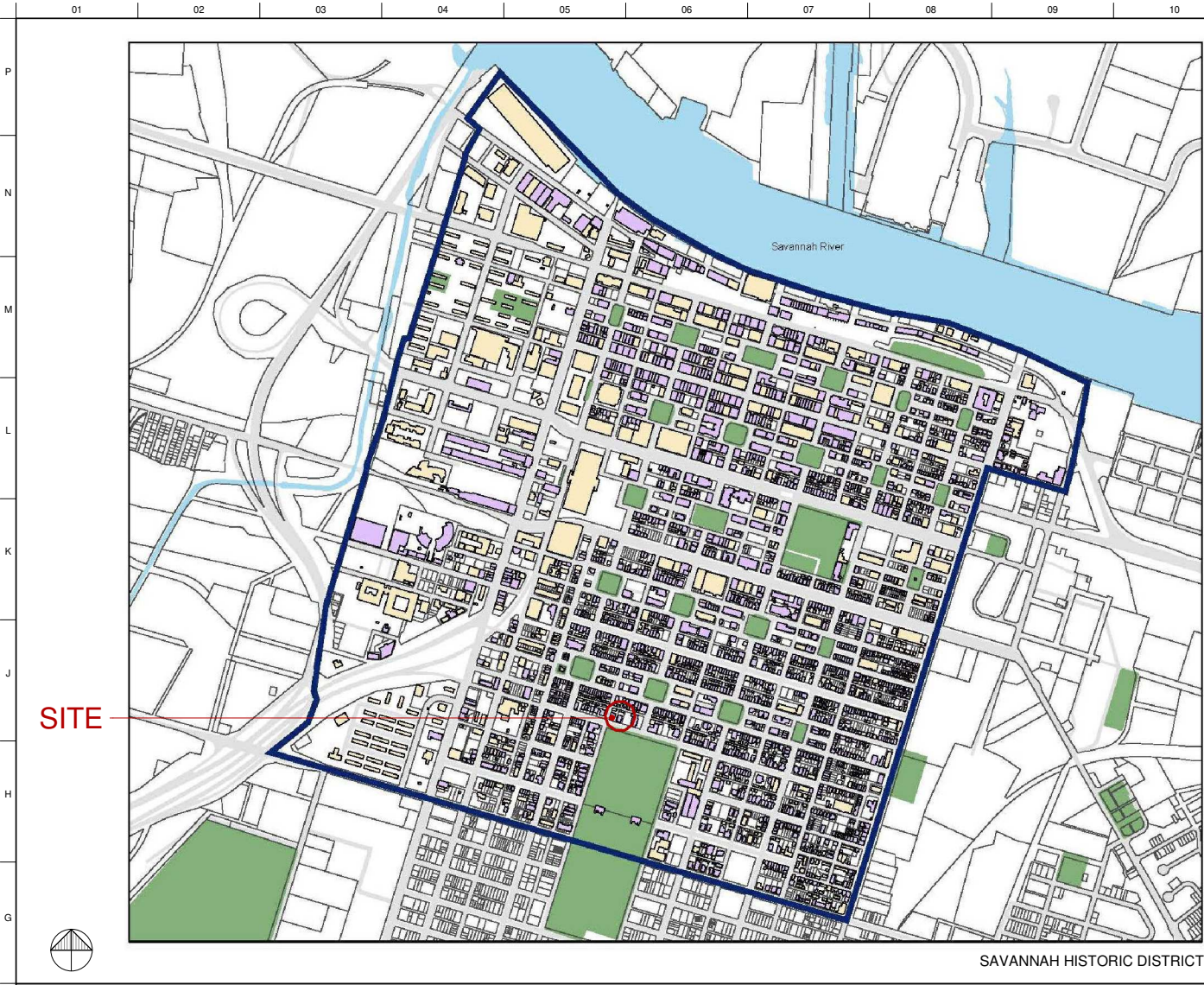
### Existing Conditions

The residence has broad side porches on the 2<sup>nd</sup> and 3<sup>rd</sup> floors of the east façade, which is secondary to the primary south façade. The 2<sup>nd</sup> floor porch has large square stucco columns and is partially enclosed on its north end. The 2<sup>nd</sup> floor railing is made of wood louvers with a chamfered top rail. This porch is distinguishable from the upper porch because of the existing louvered shutters which encompass its entire south facing bay. The 3<sup>rd</sup> floor porch, which is not original to the house, has square wood columns with cap and base trim. The 3<sup>rd</sup> floor railing is made of 1" pickets which sit on a thick base and has a rounded top rail. This porch's ceiling is almost a foot lower than the porch below.

### Design Details

In an effort to minimize altering the look of the open porches a motorized screen system is preferred because it will be minimally visible. A motorized screen system can reduce the number of static framing members and can be entirely concealed when not in use. The motorized screen system has 3 main components: the housing, the tracks, and the screen itself. The housing consists of an aluminum box which holds the screen roller. The tracks are also aluminum and help to guide the screen and keep it taught as it is lowered and raised. All aluminum components can be custom painted to match the surrounding architecture. The housing will be attached above the porch bay openings on the inside face of the beams so that they will be hidden from view. The tracks will be mounted towards the center of the inside face of the columns so that they will also be minimally visible. The screen itself will be a black mesh fabric.

The motorized screen system is appropriate for this project because it helps preserve the look of the existing open porches by reducing the need for traditional static screen framing members. The housing and tracks can all be mounted behind the existing columns allowing them to be out of sight from the public right-of-way. This system also allows the screen to be rolled up when not in use. The motorized screen system is easily reversible if future owners choose to remove it.



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SAVANNAH, GA 31401

GENERAL  
INFORMATION

PROJECT NO. 2609.00  
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G001

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VIEW OF HOUSE FROM W. GASTON



NORTH ELEVATION OF SIDE PORCHES



NORTH ELEVATION OF SIDE PORCHES



VIEW OF HOUSE FROM W. GASTON



EAST ELEVATION OF SIDE PORCHES



EAST ELEVATION OF SIDE PORCHES



EAST ELEVATION OF SIDE PORCHES

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EXISTING  
CONDITIONS

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VIEW SOUTH FROM 2ND FLOOR PORCH



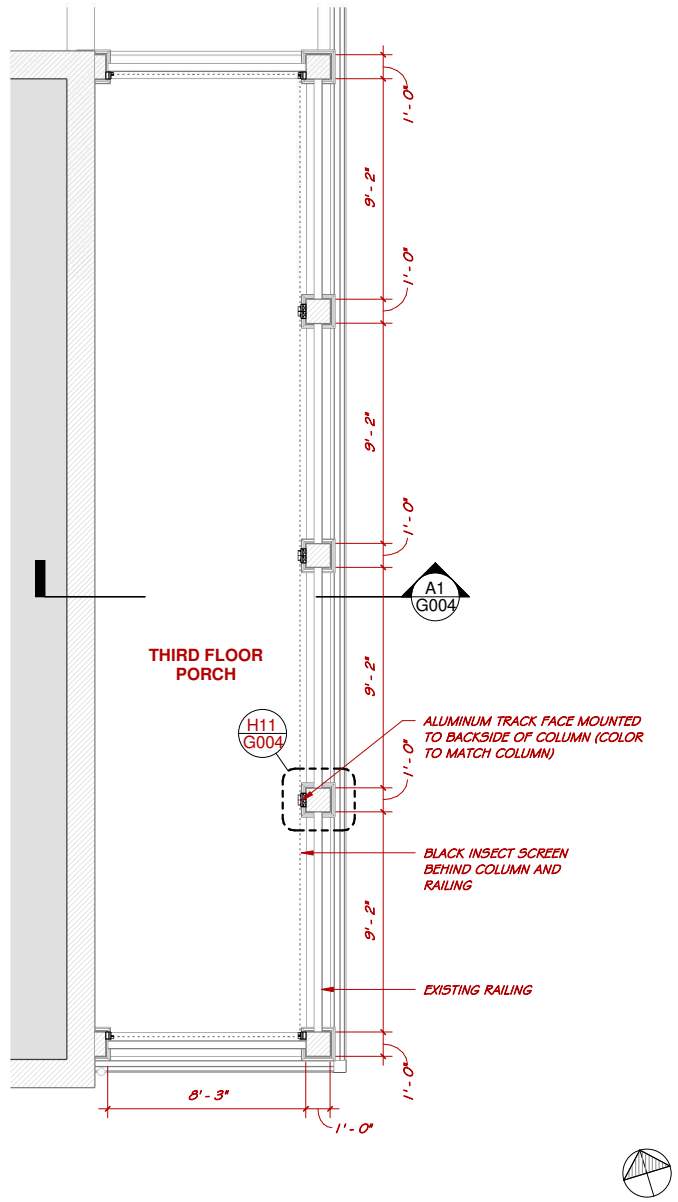
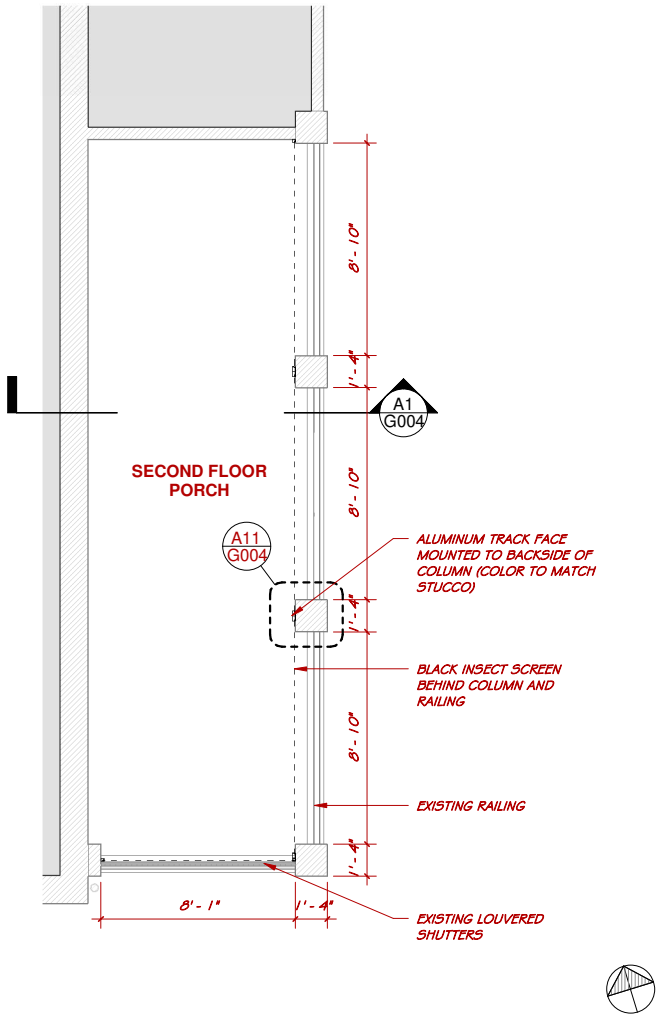
VIEW SOUTHEAST FROM 2ND FLOOR PORCH



VIEW SOUTH FROM 3RD FLOOR PORCH



VIEW SOUTHEAST FROM 3RD FLOOR PORCH



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## FLOOR PLANS

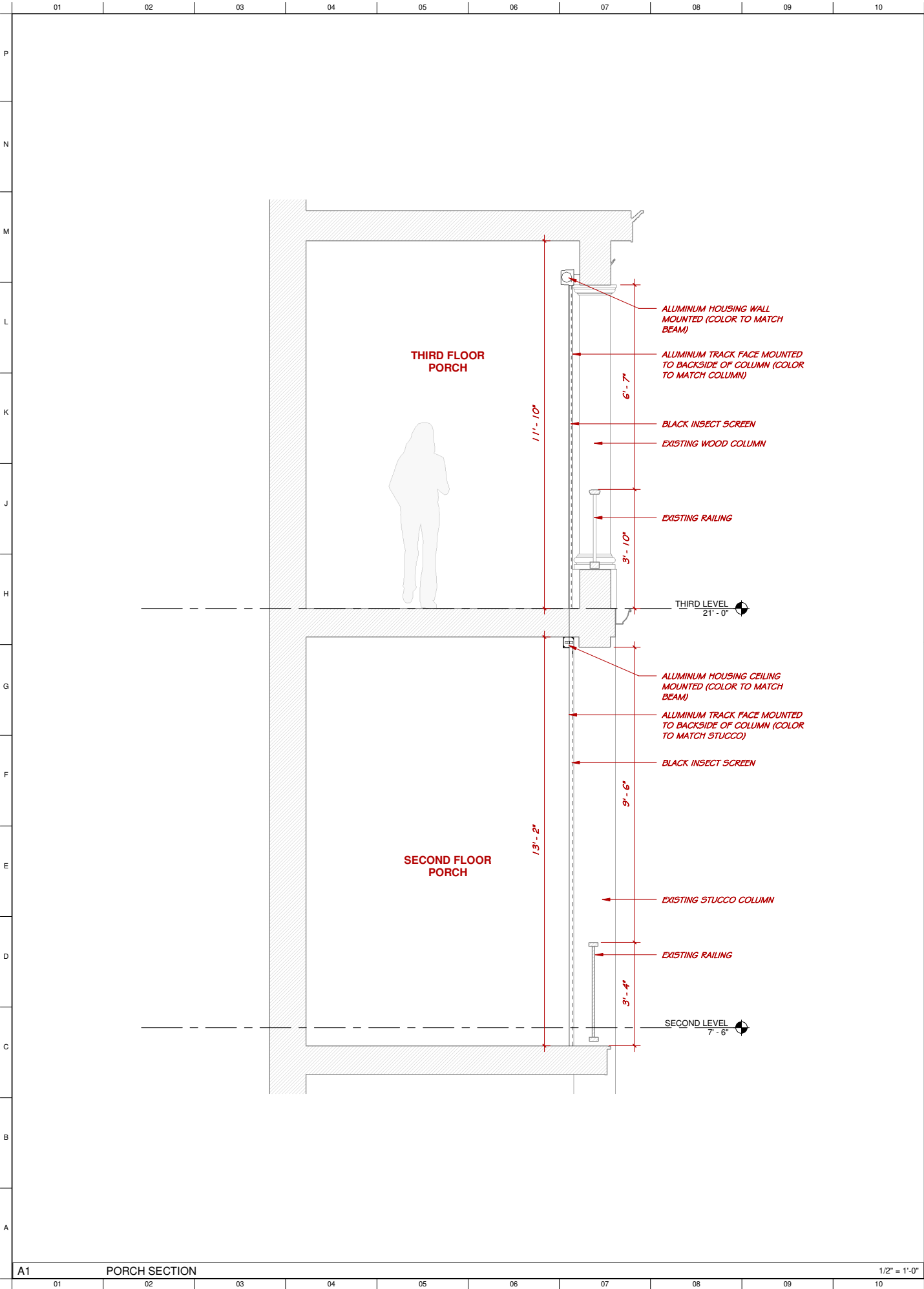
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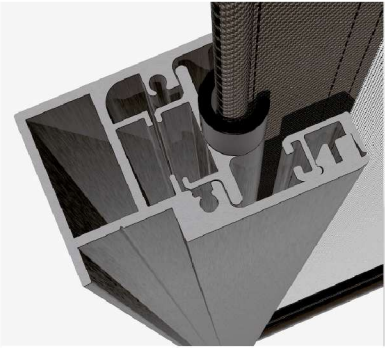
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TYPICAL HOUSING



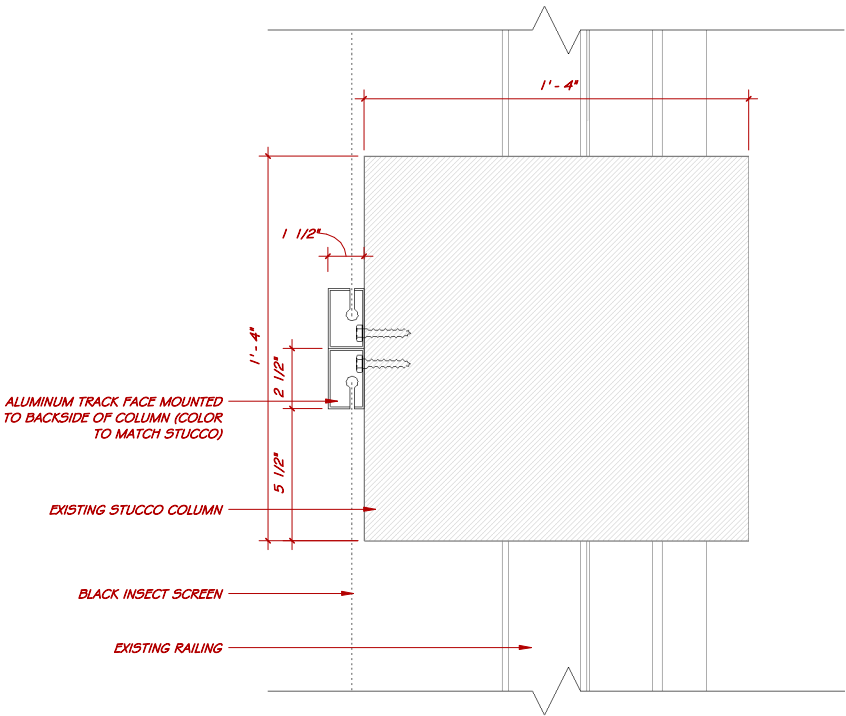
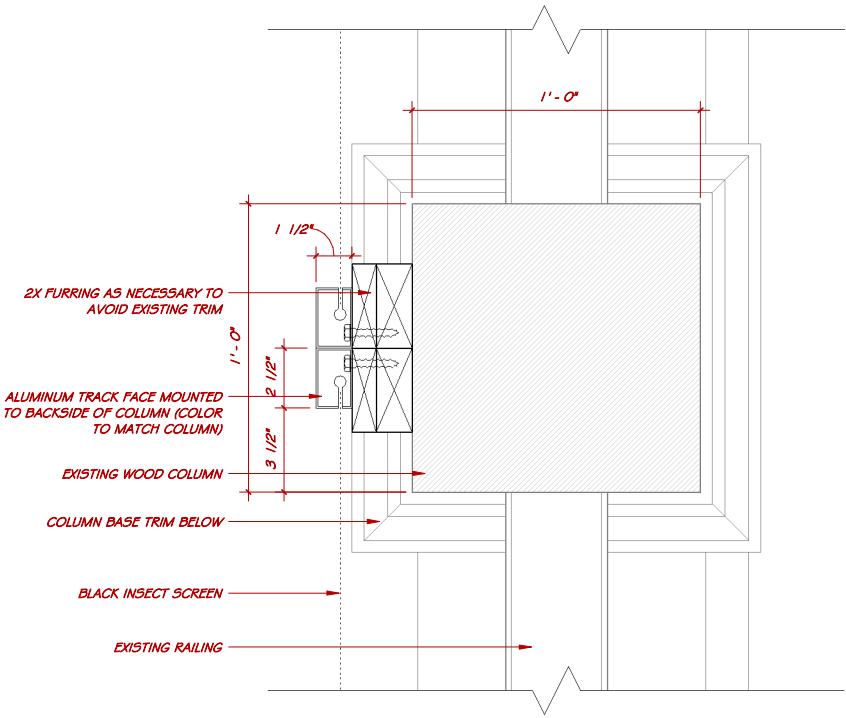
TYPICAL TRACK

H11 THIRD FLOOR COLUMN



TYPICAL BOTTOM RAIL

A11 SECOND FLOOR COLUMN



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PORCH SECTION  
AND SCREEN  
DETAILS

PROJECT NO. 2609.00

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G004