

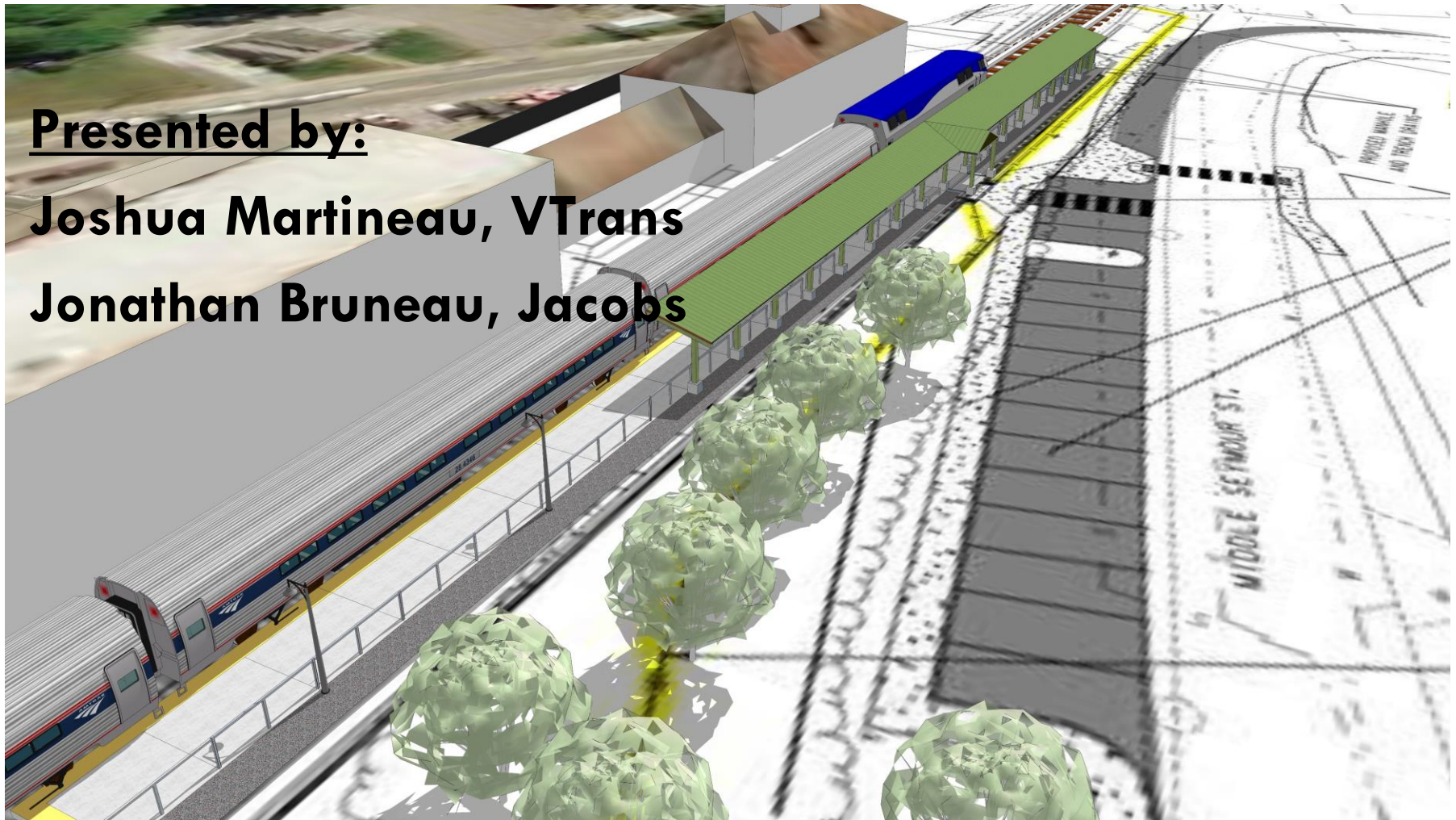
Middlebury Station



Presented by:

Joshua Martineau, VTrans

Jonathan Bruneau, Jacobs



January 29, 2020



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Project Overview

- Support Extension of Ethan-Allen Service to Burlington
- Install 300-ft Platform and 200-ft Canopy with Lighting
- Coordination with VTrans, Town, Amtrak, FRA, VRS, and Track/Tunnel Project and Station Parking Design Project
- Anticipated Construction Schedule:
 - Begin late 2020, Complete 2021

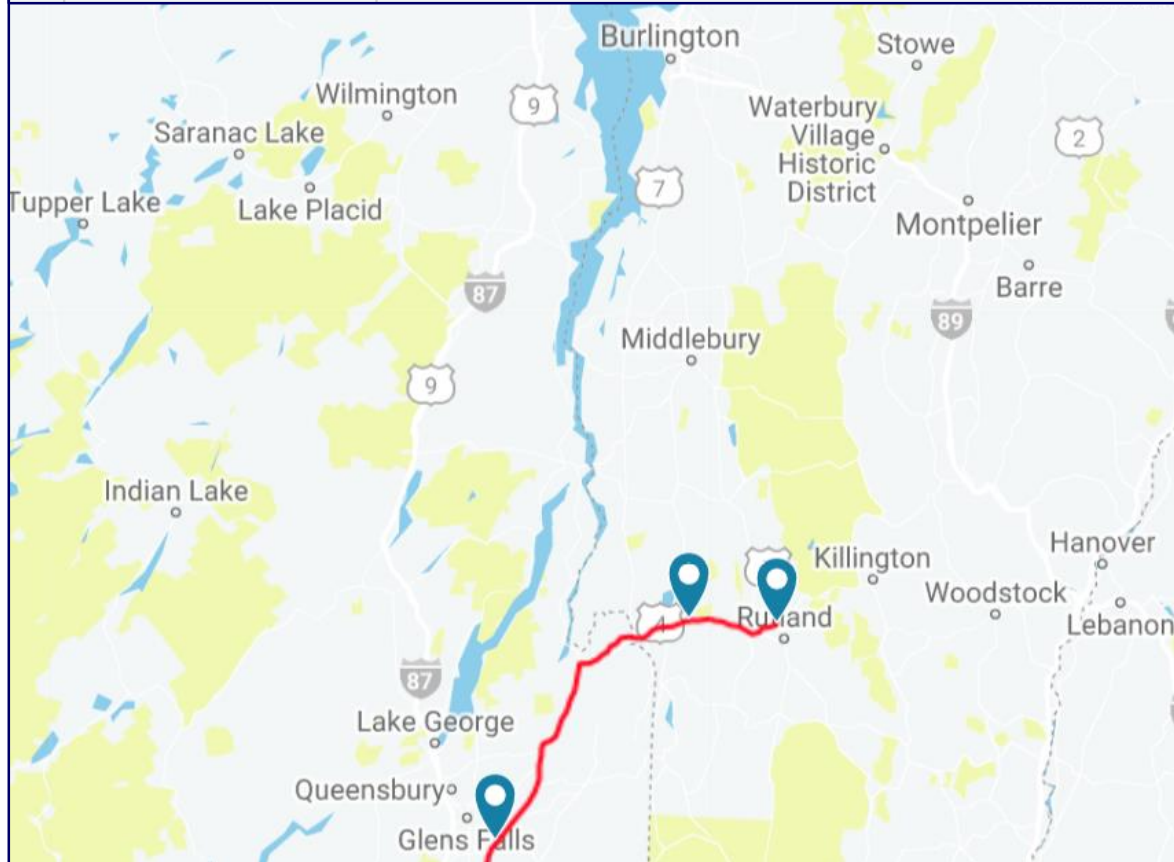
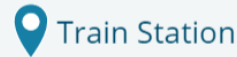
More Amtrak Extension Project Information here:

<https://vtrans.vermont.gov/rail/amtrak-burlington>

Middlebury Station



ETHAN ALLEN EXPRESS



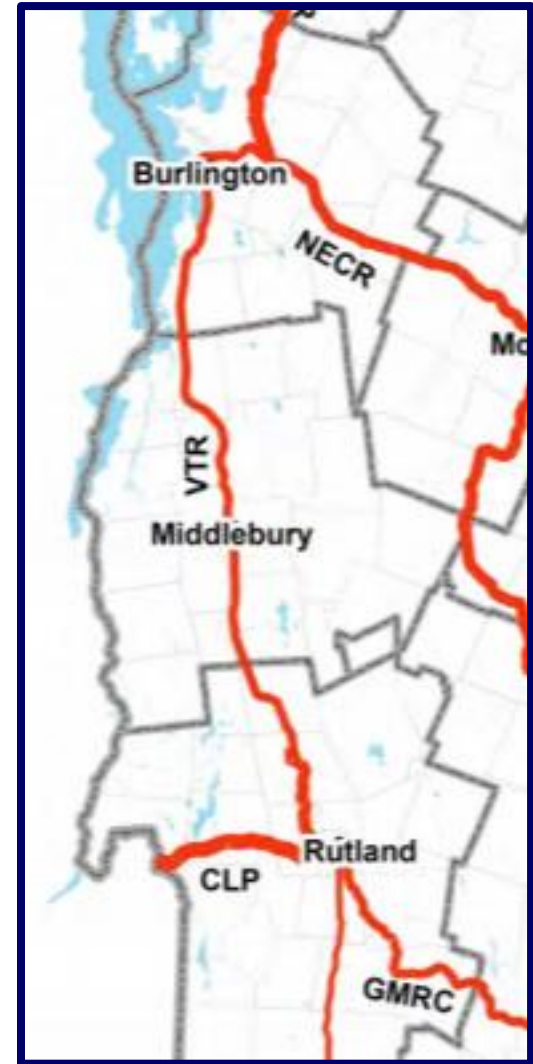
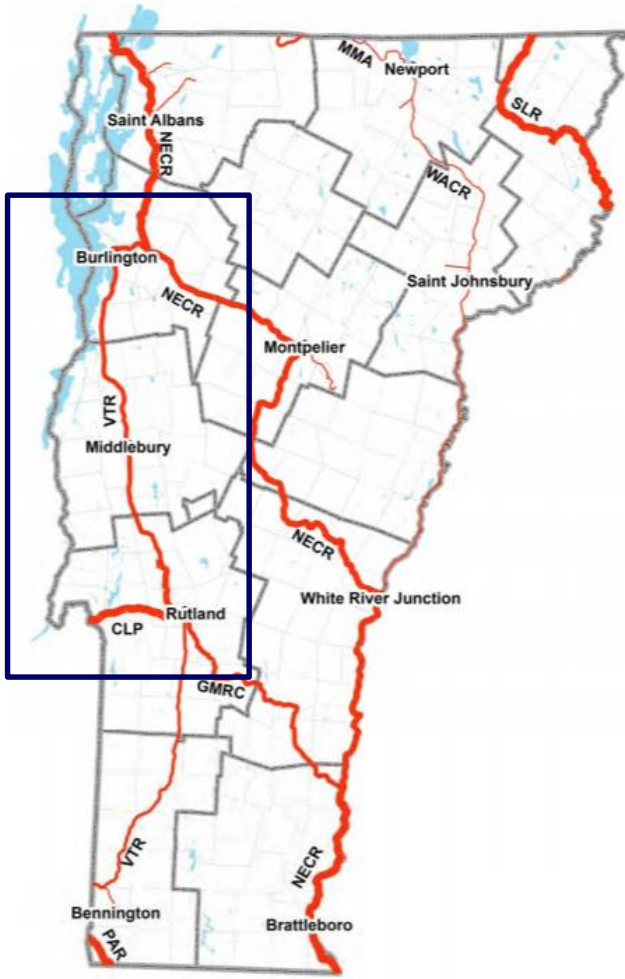
<https://vtrans.vermont.gov/rail/amtrak-burlington>



ETHAN ALLEN EXT.

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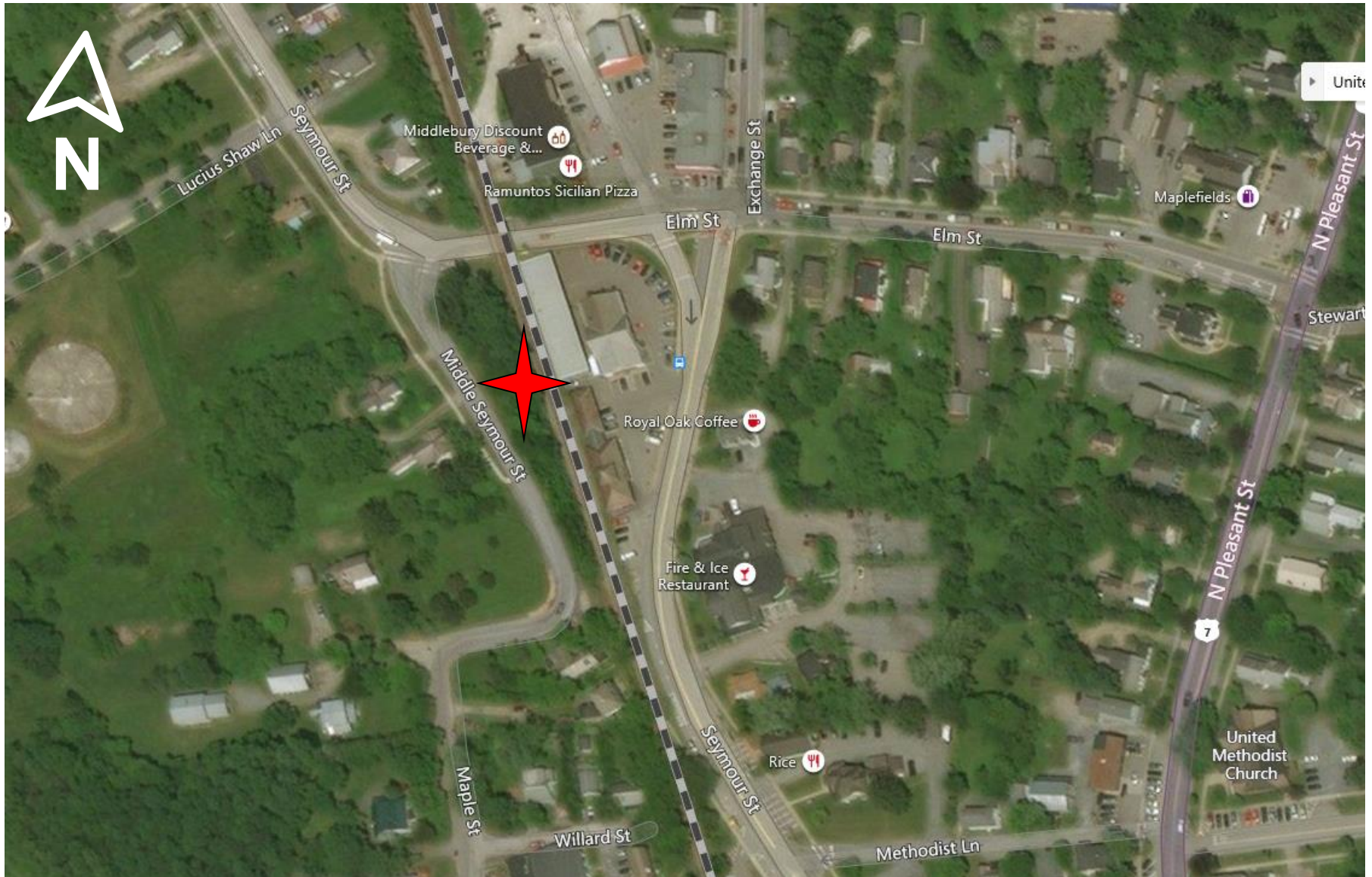
<https://vtrans.vermont.gov/rail/amtrak-burlington>



VTR WEST ROUTE

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Middlebury Station



LOCATION MAP

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Middlebury Station



The [Rutland & Burlington Railroad](#) first arrived on September 1, 1849
Until 1953 the [Rutland Railroad](#) ran passenger service on the [Green Mountain Flyer](#) (New York City - Montreal), making stops in the city WIKIPEDIA



HISTORY

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Middlebury Station



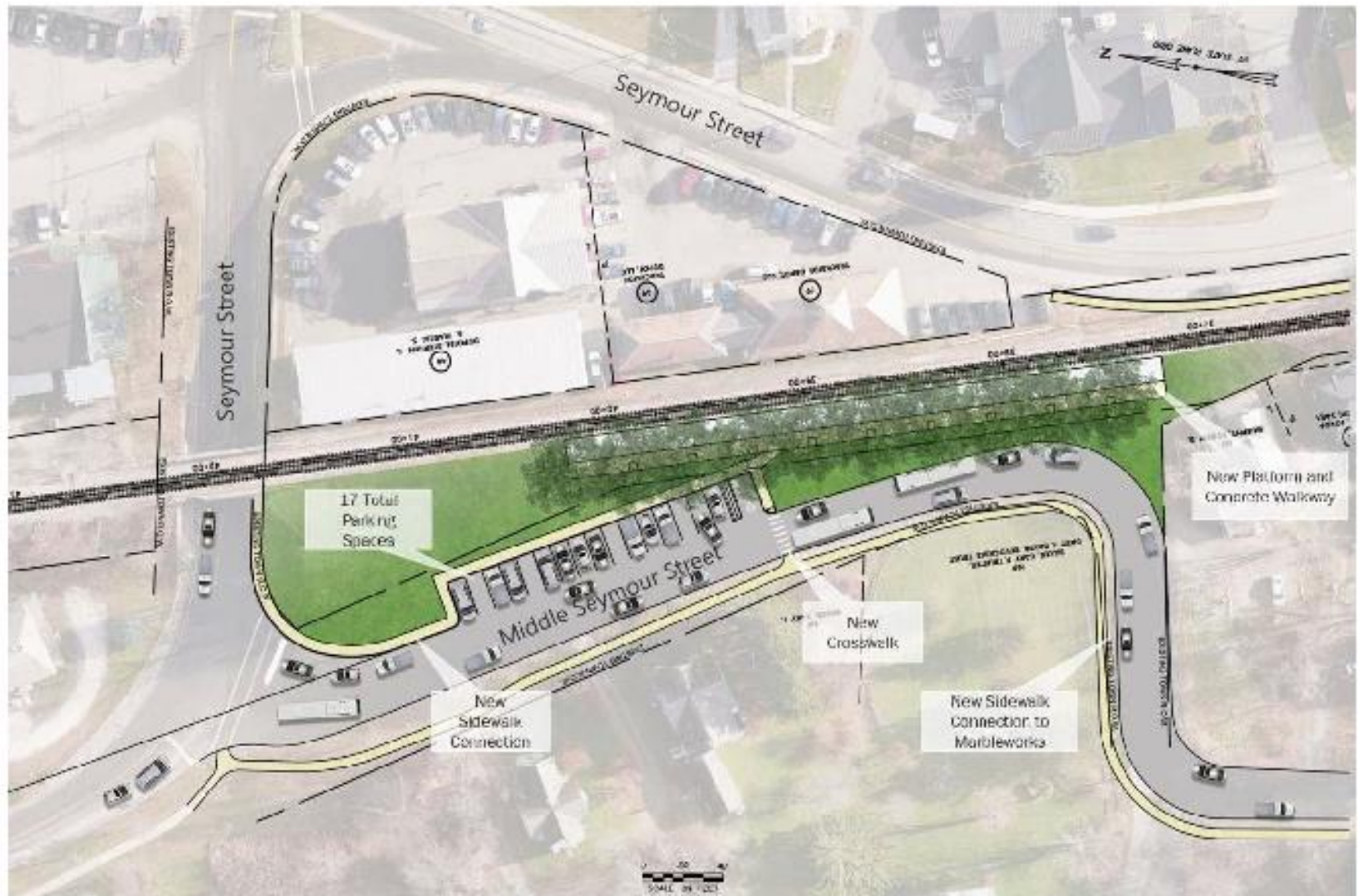
PRESENT DAY

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Middlebury Station



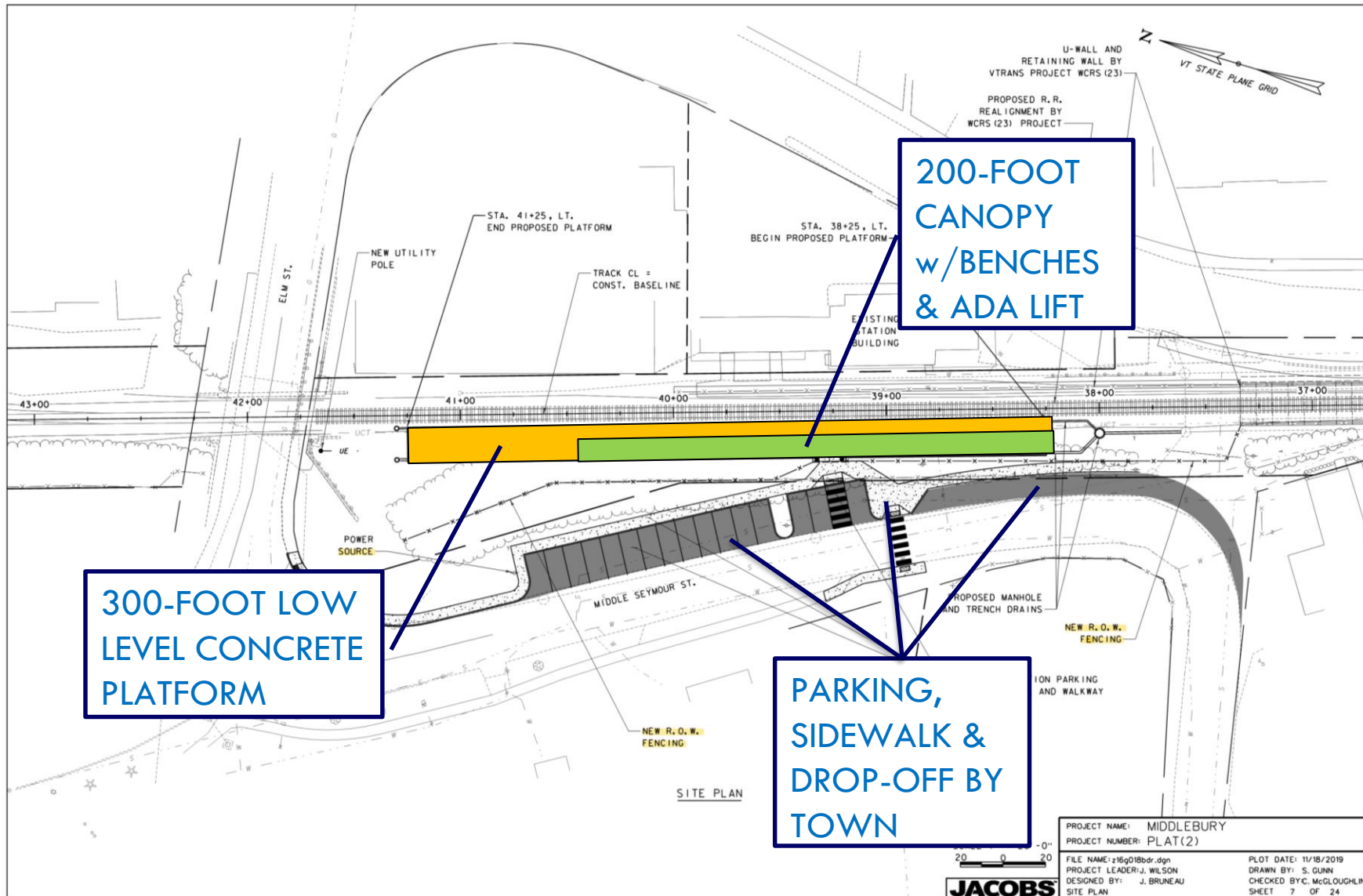
Figure 7: Preferred Platform Location



VHB CONCEPT STUDY

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Middlebury Station



PROPOSED DESIGN

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Middlebury Station



- **LOOKING SOUTHEAST**



Middlebury Station



- **LOOKING SOUTH**



PROPOSED DESIGN

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Middlebury Station

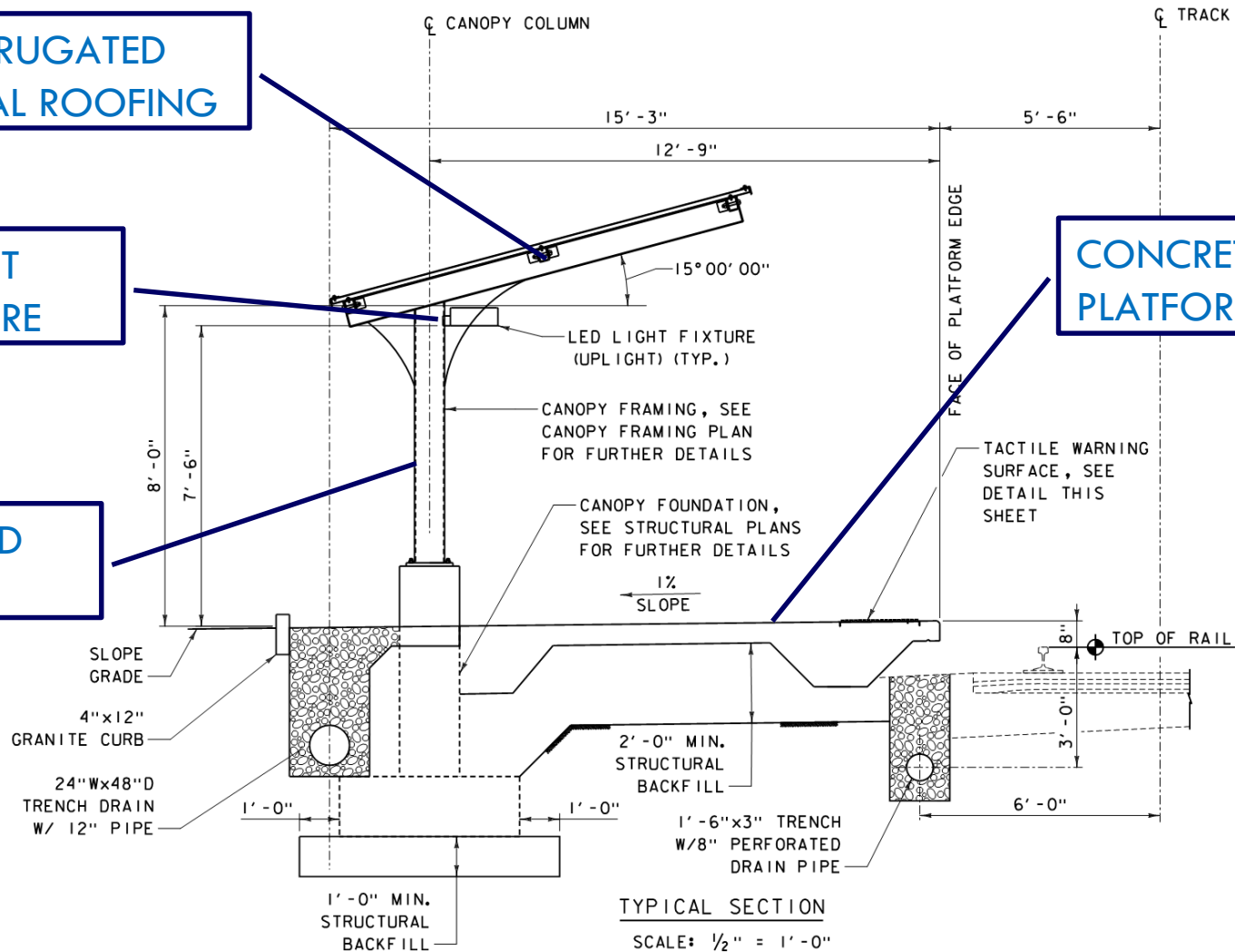


CORRUGATED
METAL ROOFING

LED INDIRECT
LIGHT FIXTURE

HDG/PAINTED
STEEL FRAME

CONCRETE
PLATFORM



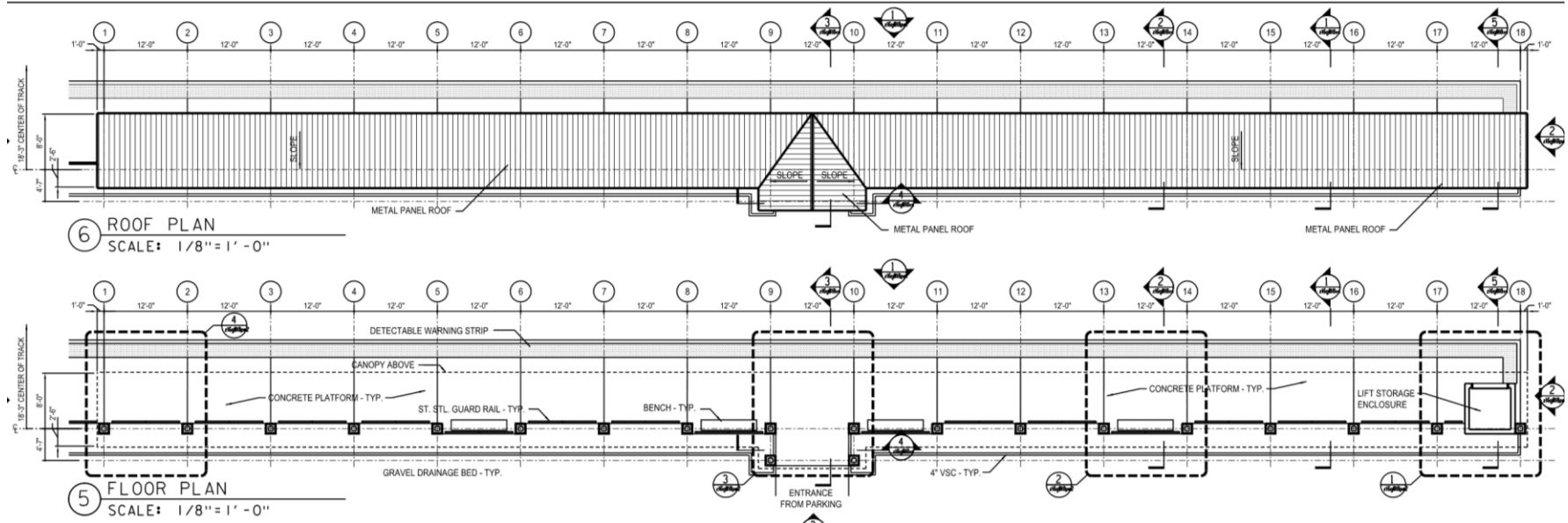
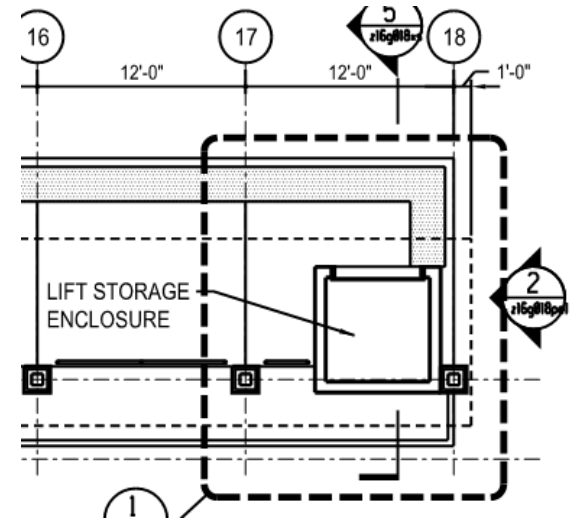
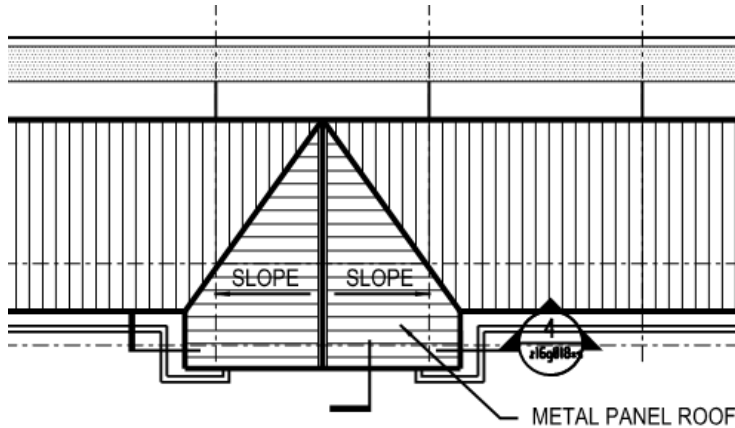
PROPOSED DESIGN

JACOBS

Middlebury Station



- CANOPY FEATURES**



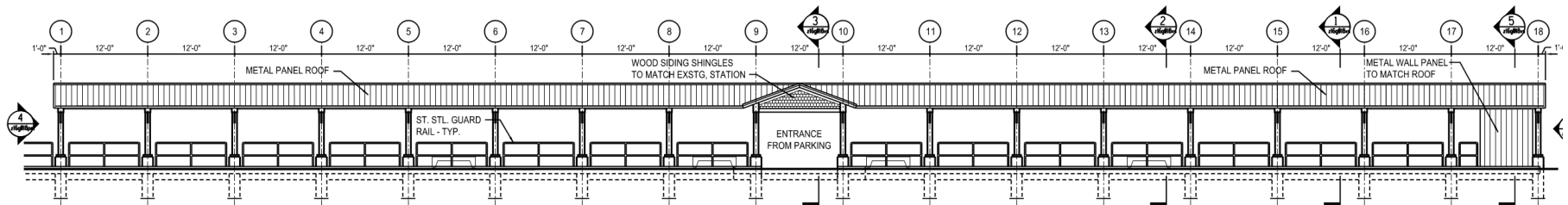
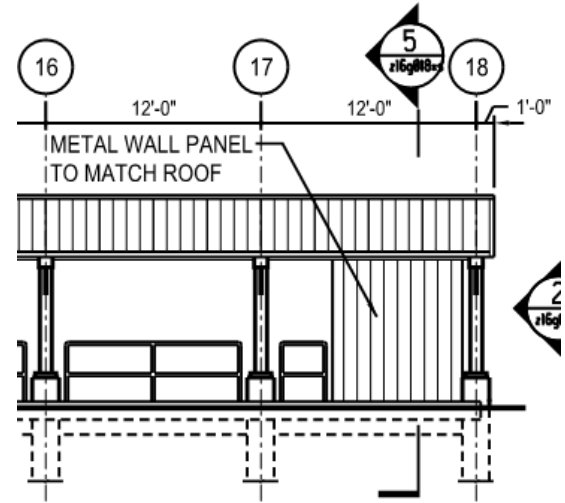
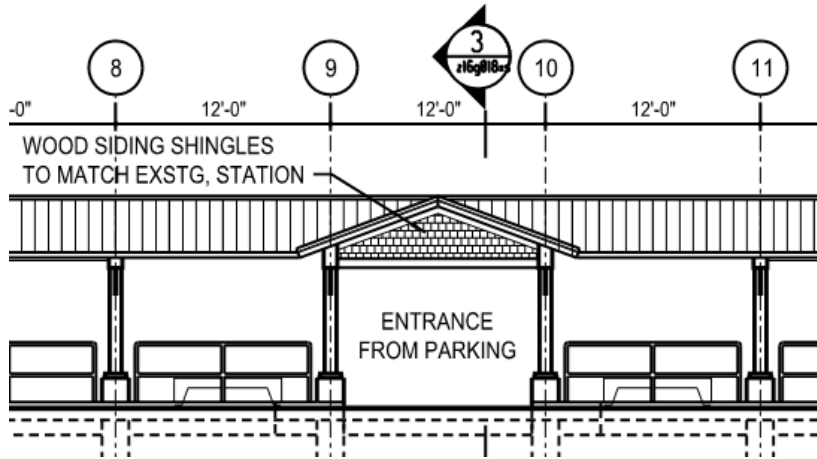
PROPOSED DESIGN

JACOBS

Middlebury Station



- CANOPY FEATURES**



③ WEST ELEVATION
SCALE: 1/8" = 1' - 0"



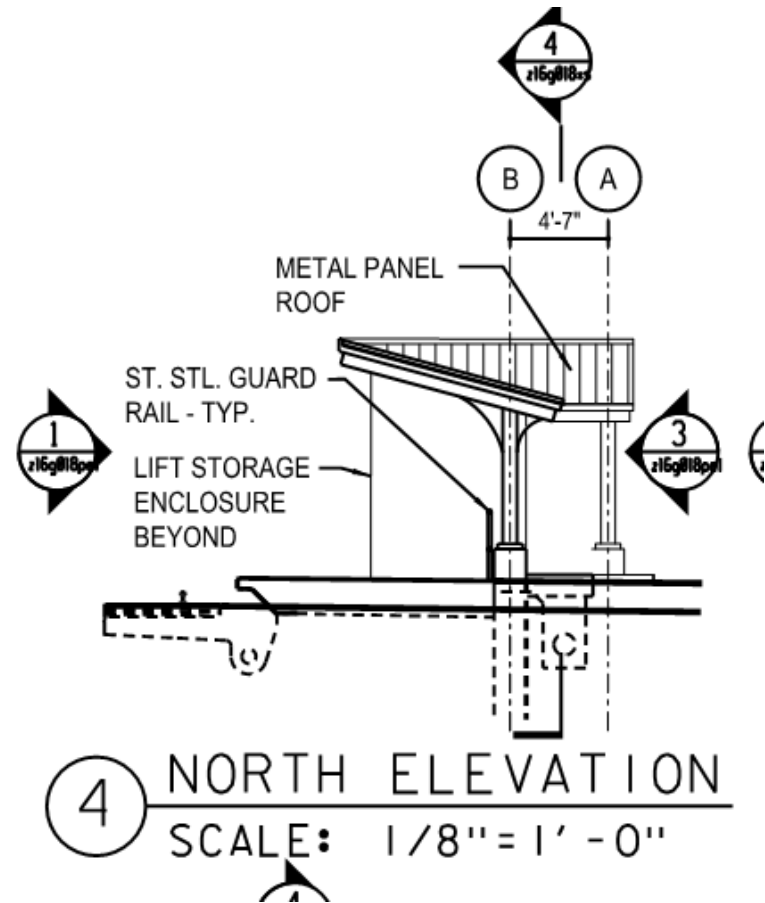
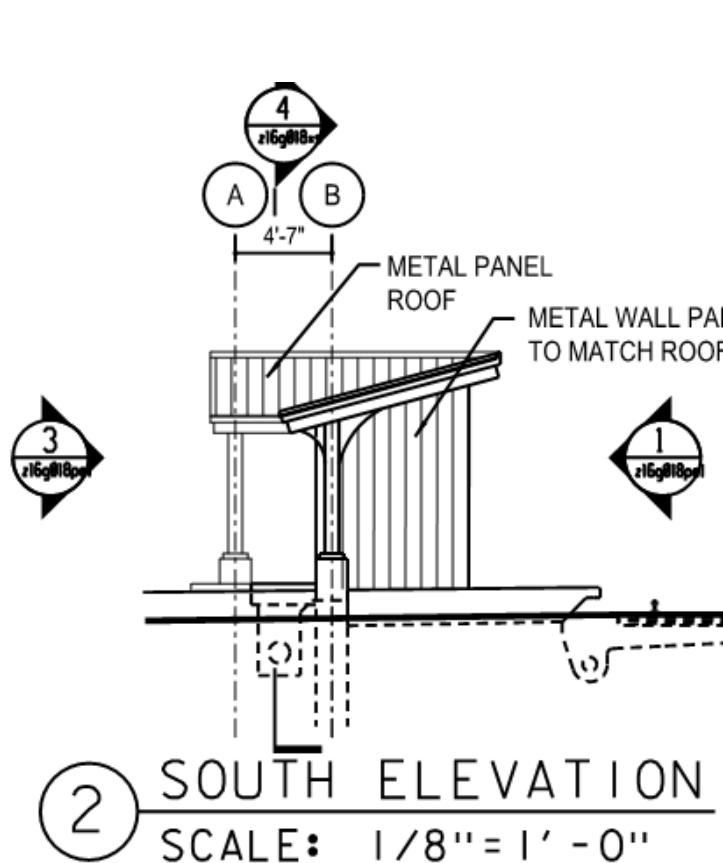
PROPOSED DESIGN

JACOBS®

Middlebury Station



- CANOPY FEATURES**



Middlebury Station



- LED LIGHT FIXTURES

LUMINAIRE:
LENS FINISH: CLEAR FLAT GLASS

LAMPING:
TYPE: 40 LEDS.
LUMENS: 5052 MEAN LMS
DRIVE CURRENT: 525mA
SYSTEM WATTS: 66W
COLOR TEMP: 4000K
ANSI/IES TYPE:
TYPE 3 MEDIUM WITH
PARTIAL BACKLIGHT SHIELD

FINISH:
BLACK

HOUSING: SITE/ROADWAY LUMINARIES WITH CAST ALUMINUM WITH LED DRIVER SHALL BE AN INTEGRAL WATERTIGHT COMPARTMENT AND HEAT SINKS. MOUNTING ARM SHALL BE HORIZONTAL TENON.



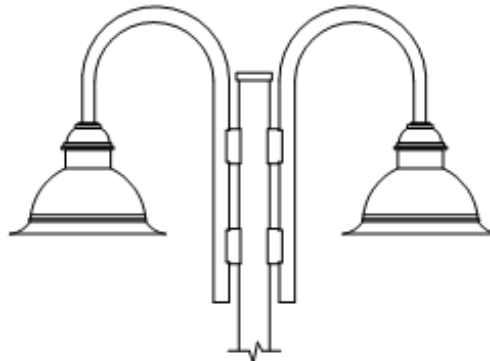
MOUNTING HEIGHT: 20' POLES ON CONCRETE BASES = 16'-6"

LUMINAIRE:
LENS FINISH: CLEAR FLAT GLASS

LAMPING:
TYPE: 48 LEDS.
LUMENS: (2) 4583 MEAN LMS
DRIVE CURRENT: 350mA
SYSTEM WATTS: 55W
COLOR TEMP: 4000K
ANSI/IES TYPE:

TYPE 4 DISTRIBUTION - BOTH
FACING 90 TOWARD PLATFORM

FINISH:
BLACK



MOUNTING HEIGHT: 16' POLES ON CONCRETE BASES = 16'-6"



PROPOSED DESIGN

JACOBS®

Middlebury Station



- **THE END, THANK YOU! QUESTIONS?**

