

The presentations today may contain forward-looking statements about our strategies, products, future results, performance or achievements, financial, operational and otherwise, including statements about our strategic priorities, business model transition, and guidance for the fiscal year 2022 and beyond; our long term financial and operational goals; our M&A strategy; and our capital allocation initiatives. These statements reflect management's current expectations, estimates and assumptions based on the information currently available to us. These forward-looking statements are not guarantees of future performance and involve significant risks, uncertainties and other factors that may cause our actual results, performance or achievements to be materially different from results, performance or achievements expressed or implied by the forward-looking statements contained in these presentations, such as a failure to successfully integrate acquired businesses; developments in the COVID-19 pandemic and the resulting impact on our business and operations; general market, political, economic, and business conditions; complete transitions to new business model and markets; failure of the construction industry to grow as anticipated; failure to develop new products; failure to successfully expand adoption of our products; and failure of product changes to have the desired benefits.

A discussion of factors that may affect future results is contained in our most recent Form 10-K and Form 10-Q filings available at [www.sec.gov](http://www.sec.gov), including descriptions of the risk factors that may impact us and the forward-looking statements made in these presentations. The forward-looking statements made in these presentations are being made as of the time and date of their live presentation. If these presentations are reviewed after the time and date of their live presentation, even if subsequently made available by us, on our website or otherwise, these presentations may not contain current or accurate information. We disclaim any obligation to update or revise any forward-looking statement based on new information, future events or otherwise.

Statements regarding planned or future development efforts for our products and services are not intended to be a promise or guarantee of future availability of products, services, or features but merely reflect our current plans and based on factors currently known to us. Purchasing decisions should not be made based upon reliance on these statements.

PLEASE NOTE: Autodesk University content is proprietary. Do Not Copy, Post or Distribute.

The presentations today may contain forward-looking statements about our strategies, products, future results, performance or achievements, financial, operational and otherwise, including statements about our strategic priorities, business model transition, and guidance for the fiscal year 2022 and beyond; our long term financial and operational goals; our M&A strategy; and our capital allocation initiatives. These statements reflect management's current expectations, estimates and assumptions based on the information currently available to us. These forward-looking statements are not guarantees of future performance and involve significant risks, uncertainties and other factors that may cause our actual results, performance or achievements to be materially different from results, performance or achievements expressed or implied by the forward-looking statements contained in these presentations, such as a failure to successfully integrate acquired businesses; developments in the COVID-19 pandemic and the resulting impact on our business and operations; general market, political, economic, and business conditions; complete transitions to new business model and markets; failure of the construction industry to grow as anticipated; failure to develop new products; failure to successfully expand adoption of our products; and failure of product changes to have the desired benefits.

A discussion of factors that may affect future results is contained in our most recent Form 10-K and Form 10-Q filings available at [www.sec.gov](http://www.sec.gov), including descriptions of the risk factors that may impact us and the forward-looking statements made in these presentations. The forward-looking statements made in these presentations are being made as of the time and date of their live presentation. If these presentations are reviewed after the time and date of their live presentation, even if subsequently made available by us, on our website or otherwise, these presentations may not contain current or accurate information. We disclaim any obligation to update or revise any forward-looking statement based on new information, future events or otherwise.

Statements regarding planned or future development efforts for our products and services are not intended to be a promise or guarantee of future availability of products, services, or features but merely reflect our current plans and based on factors currently known to us. Purchasing decisions should not be made based upon reliance on these statements.

#### Non-GAAP Financial Measures

These presentations include certain non-GAAP financial measures. Please see the section entitled "Reconciliation of GAAP Financial Measures to non-GAAP Financial Measures" in the Appendices attached to the presentations for an explanation of management's use of these measures and a reconciliation of the most directly comparable GAAP financial measures.

# **CS500178: Finish on time every time: Optimize work planning and master scheduling**

**Michael Zeppieri** | Director of Emerging Technology, Skanska USA

**Sherif Agha** | Senior Director Planning, Skanska USA

**Shani Sharif** | Senior Product Manager, Autodesk

**David Kadyshevich** | Product Manager, Autodesk

# Introduction



# Class Speakers



**Shani Sharif**

Senior Product  
Manager,  
Autodesk



**David Kadyshevich**

Product Manager,  
Autodesk



**Michael Zeppieri**

Director of Emerging  
Technology,  
Skanska USA



**Sherif Agha**

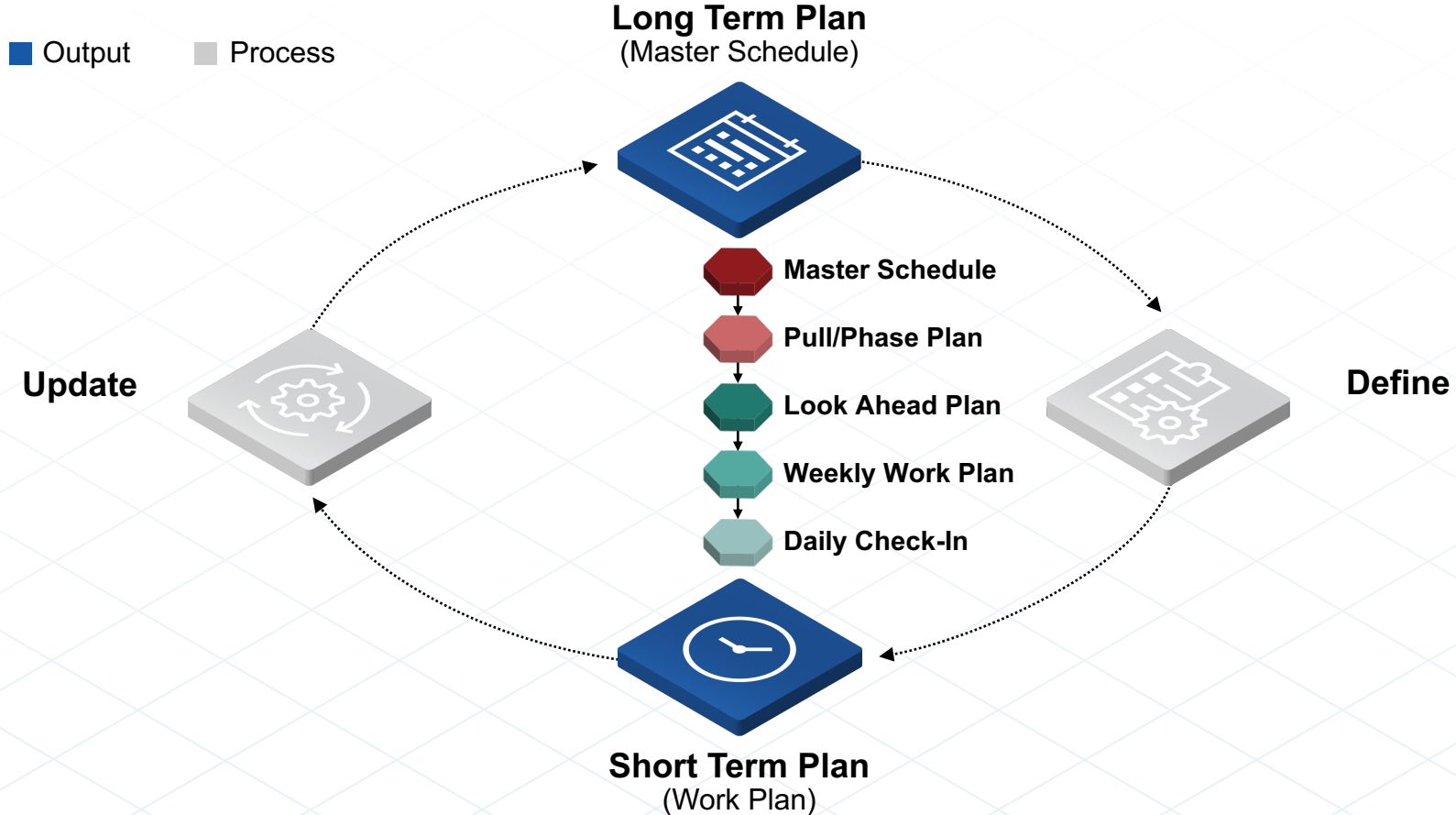
Senior Director of  
Planning,  
Skanska USA

# Agenda

- Schedule's role in construction lifecycle
- Scheduling on projects
  - Building the master schedule
  - Incorporating the work plan
- Optimizing and connecting schedules
- Leveraging technology

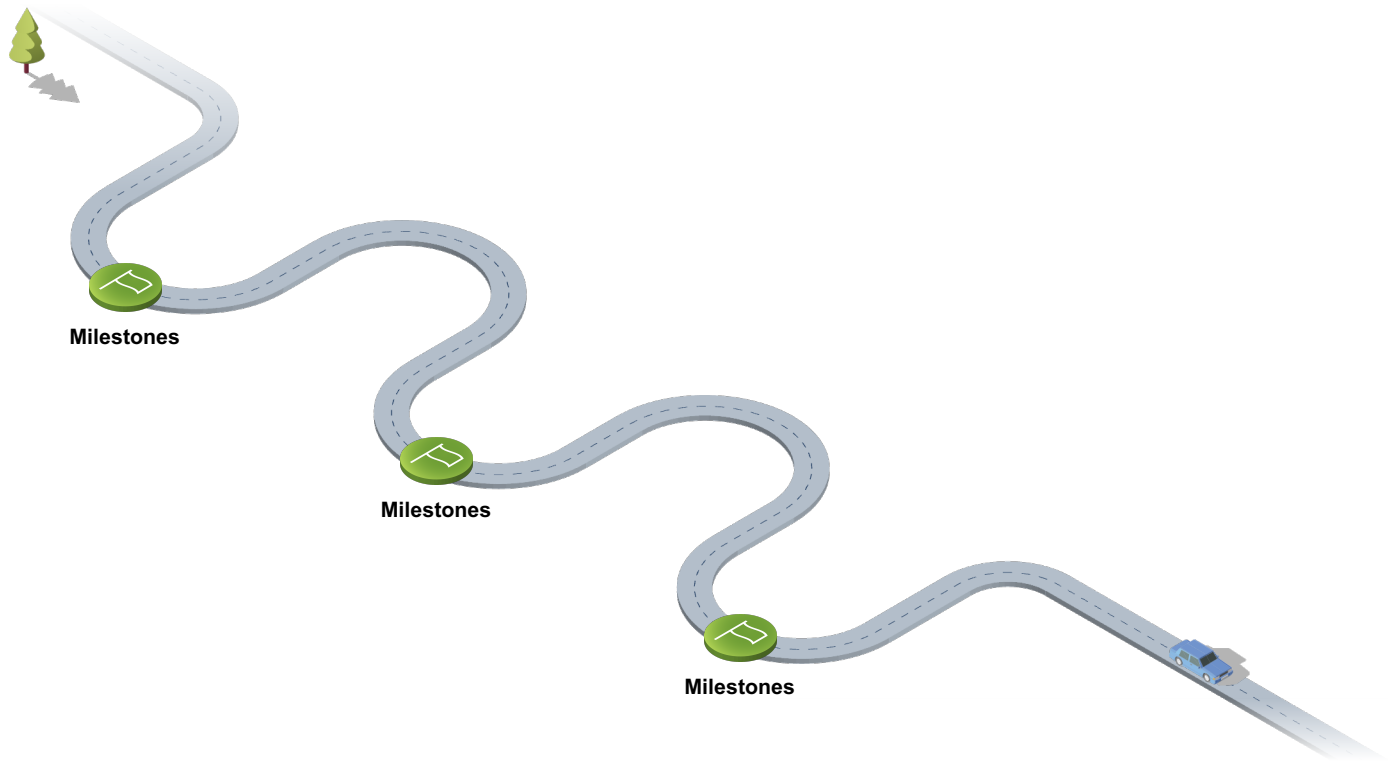


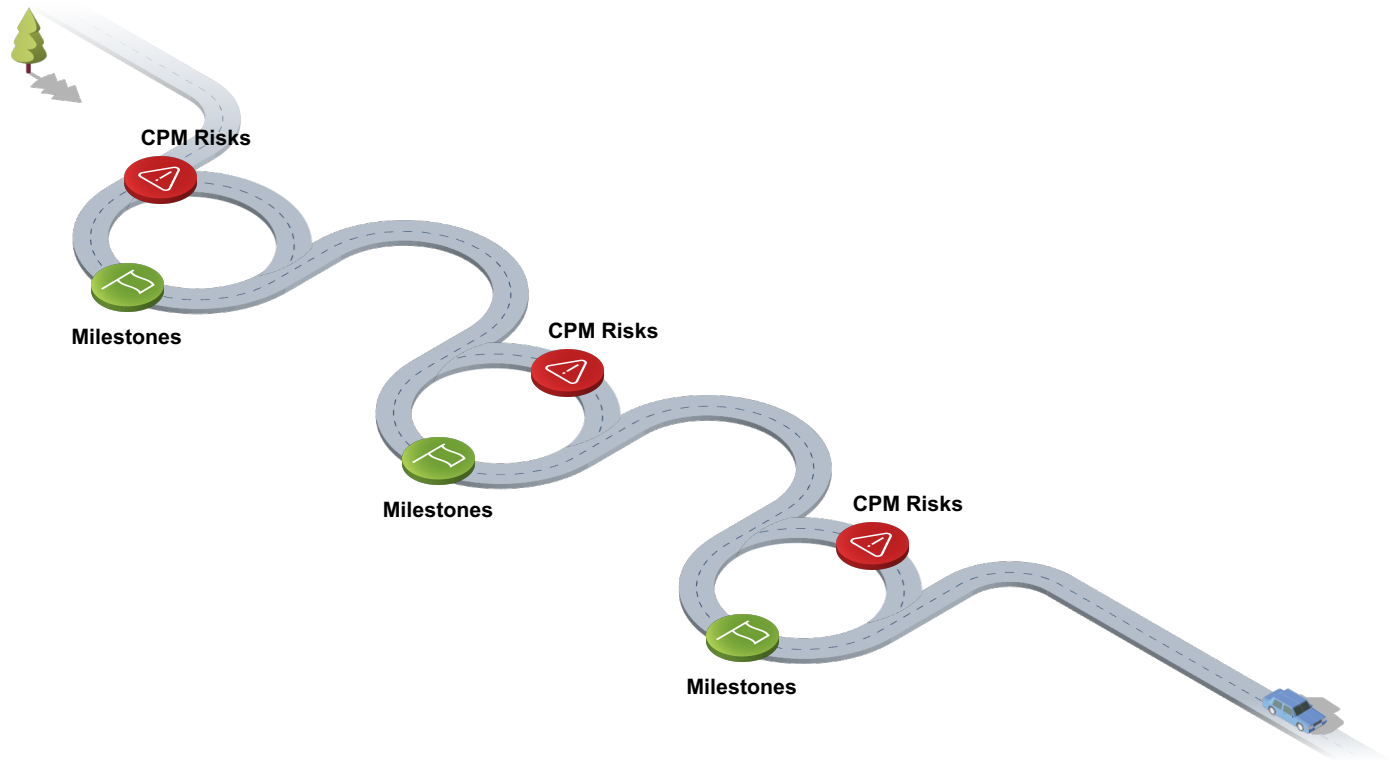
# Optimizing Master Scheduling and Work Planning





# **Scheduling on Projects**

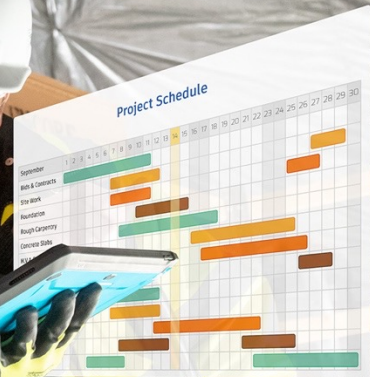
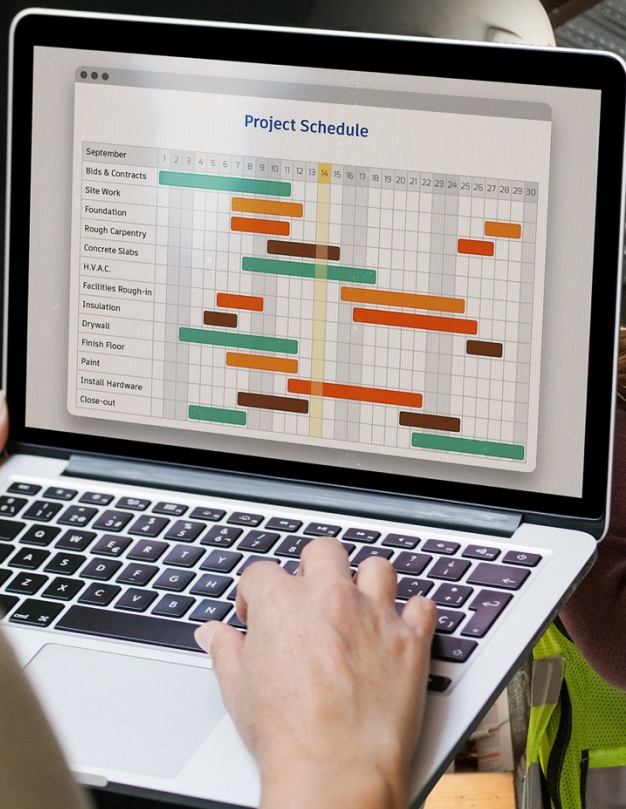






# Define the Master Schedule







# Challenges teams faced



Delays



Version  
Control



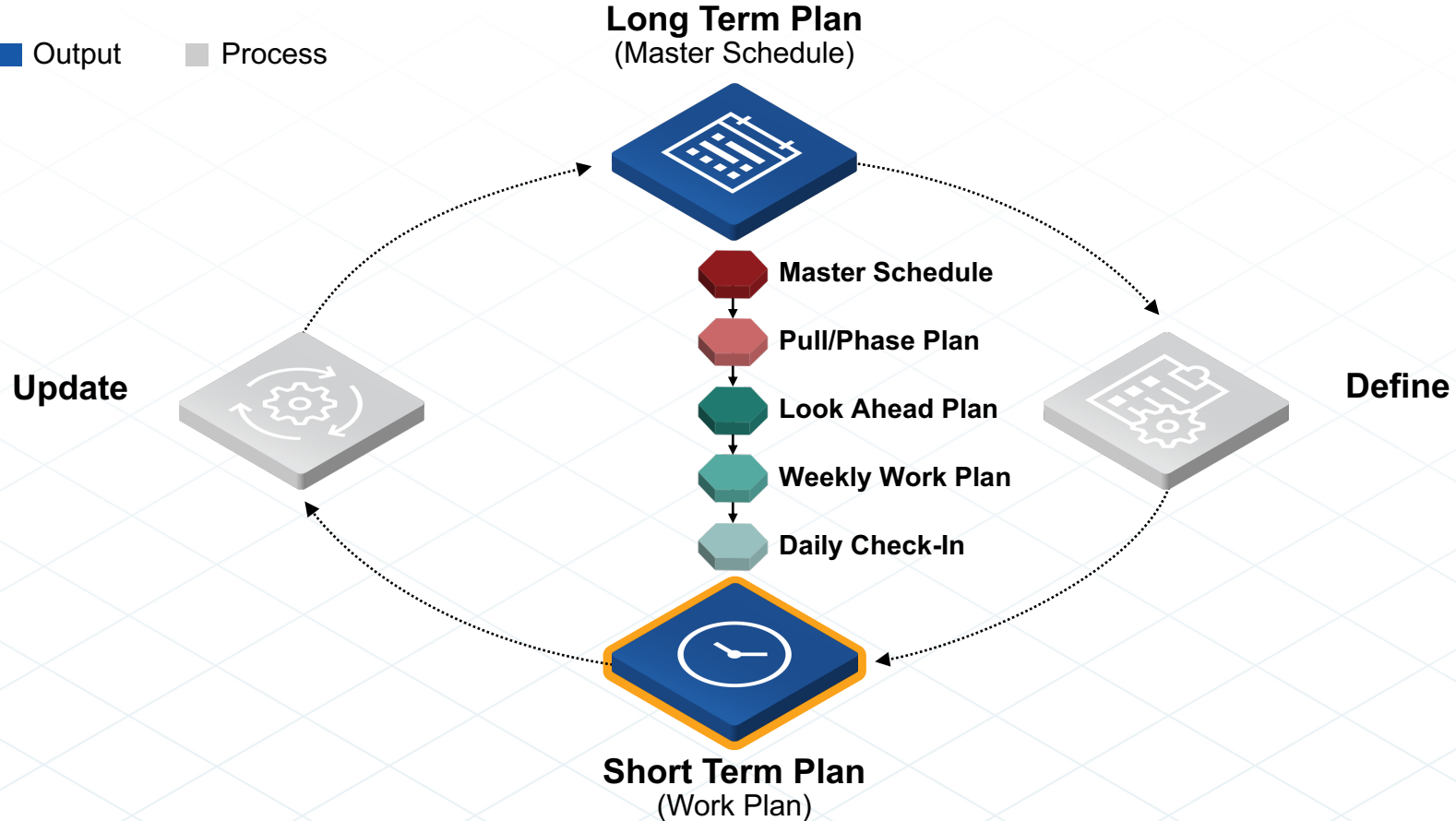
Visibility



Updates

# Building out the Short Term Plan

■ Output    ■ Process





# Technology Needs



Inherit  
Logic



Actionable  
Insights



Track  
Roadblocks



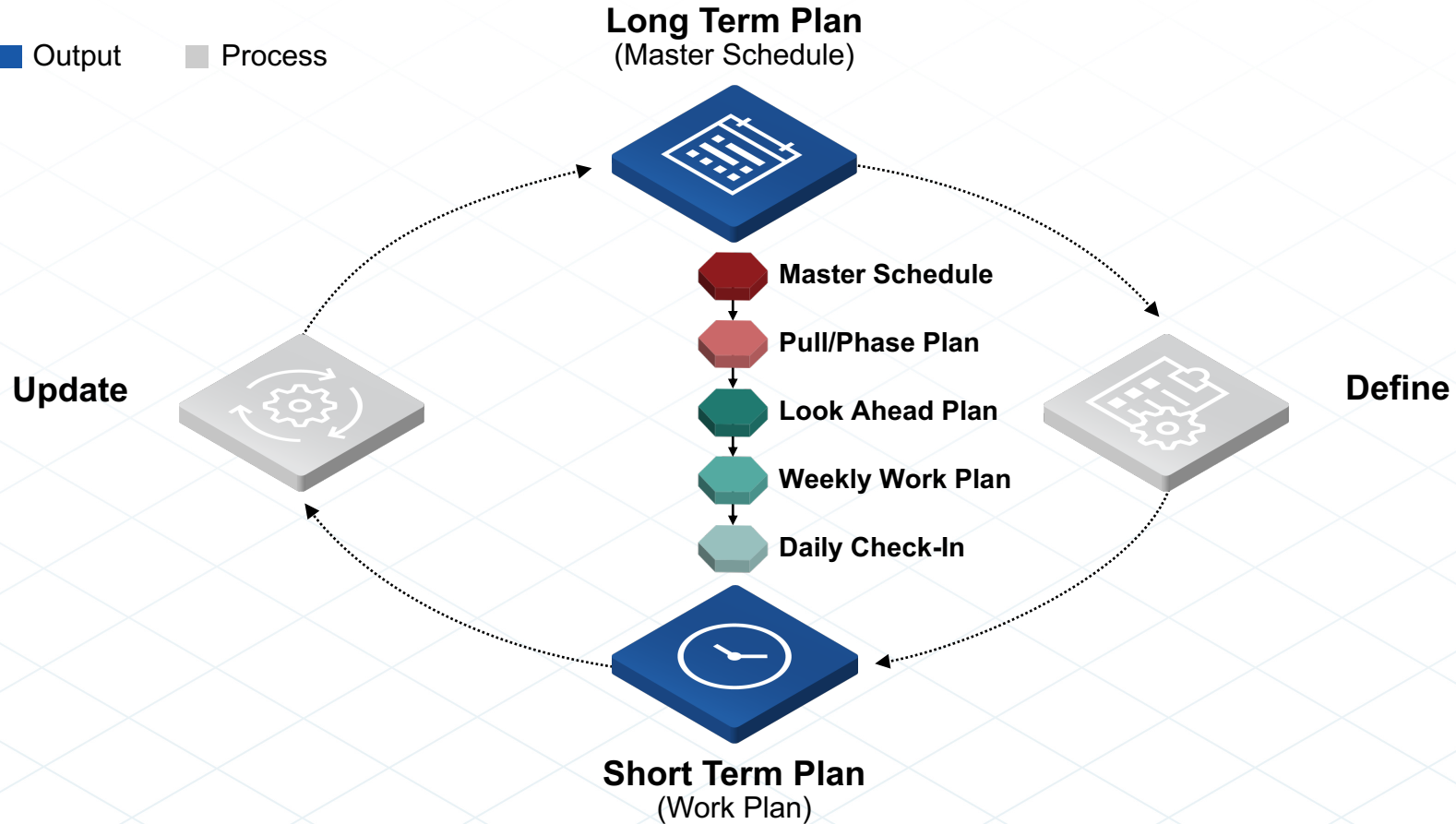
Visualizations



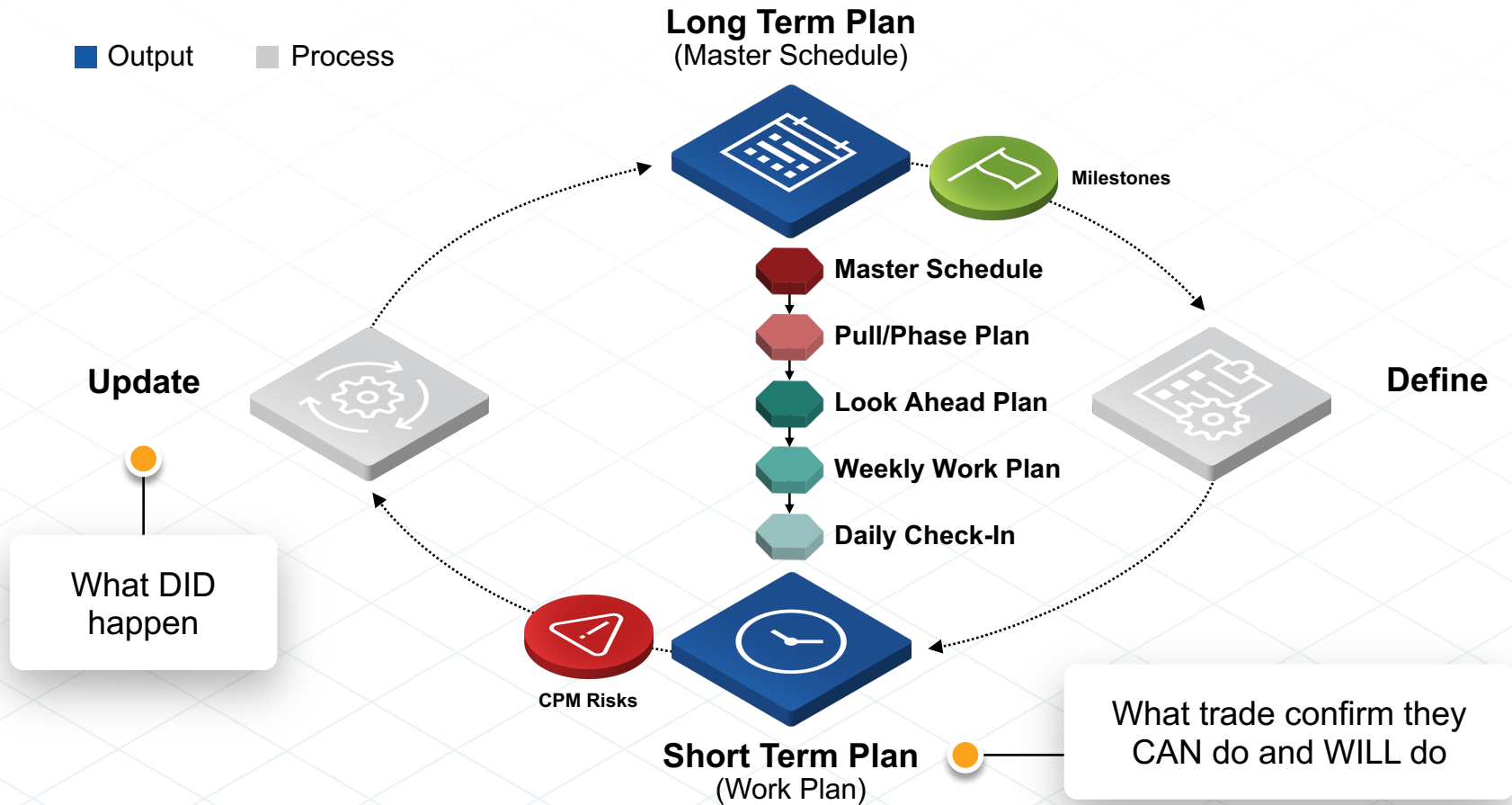
**Connecting the two**

# Best Practices

■ Output    ■ Process



# Best Practices



# Leveraging Technology

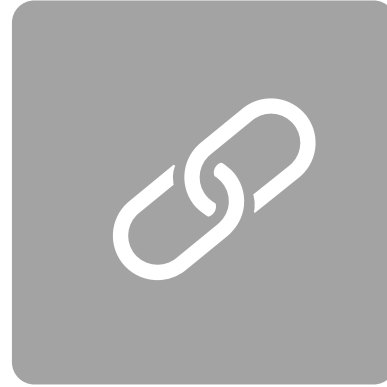




Single  
source of  
truth



Consumption



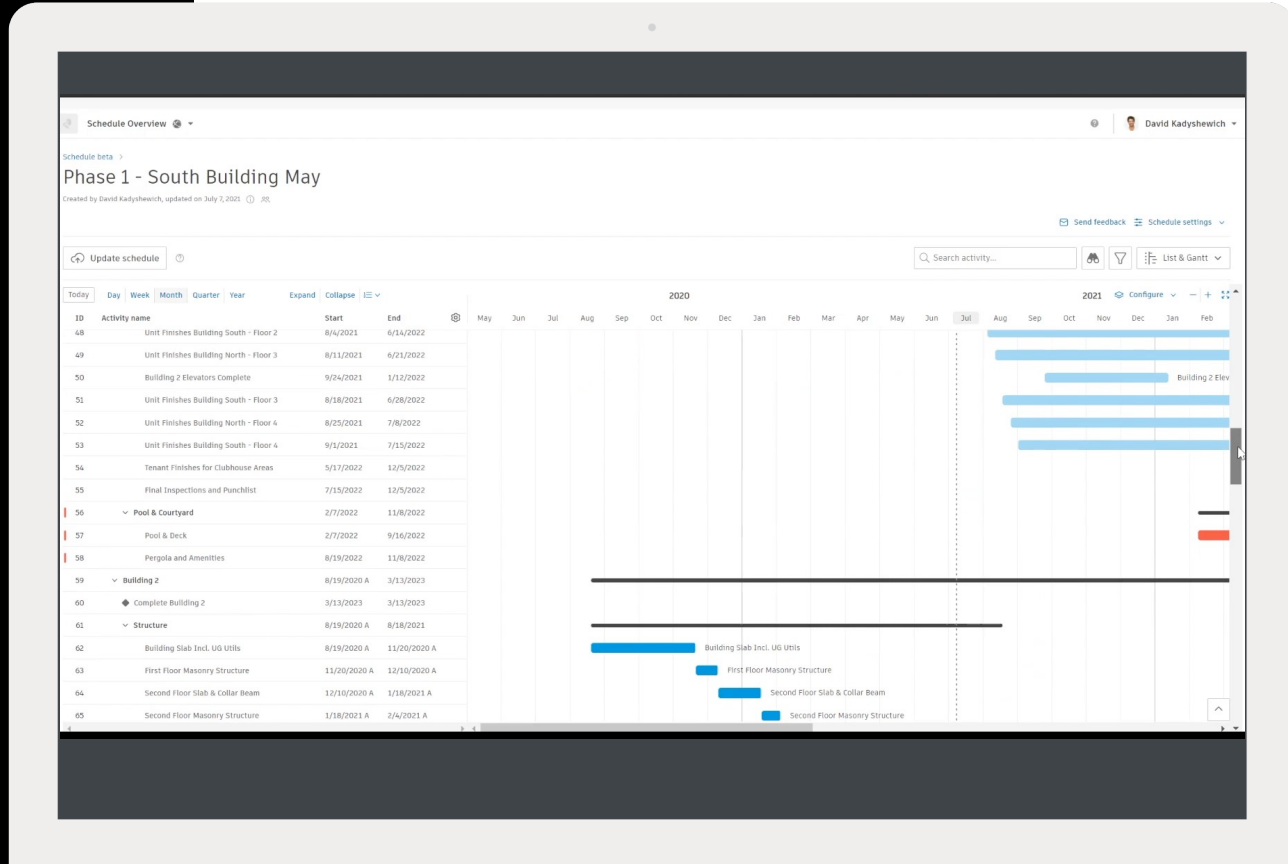
System  
connectivity



Communications

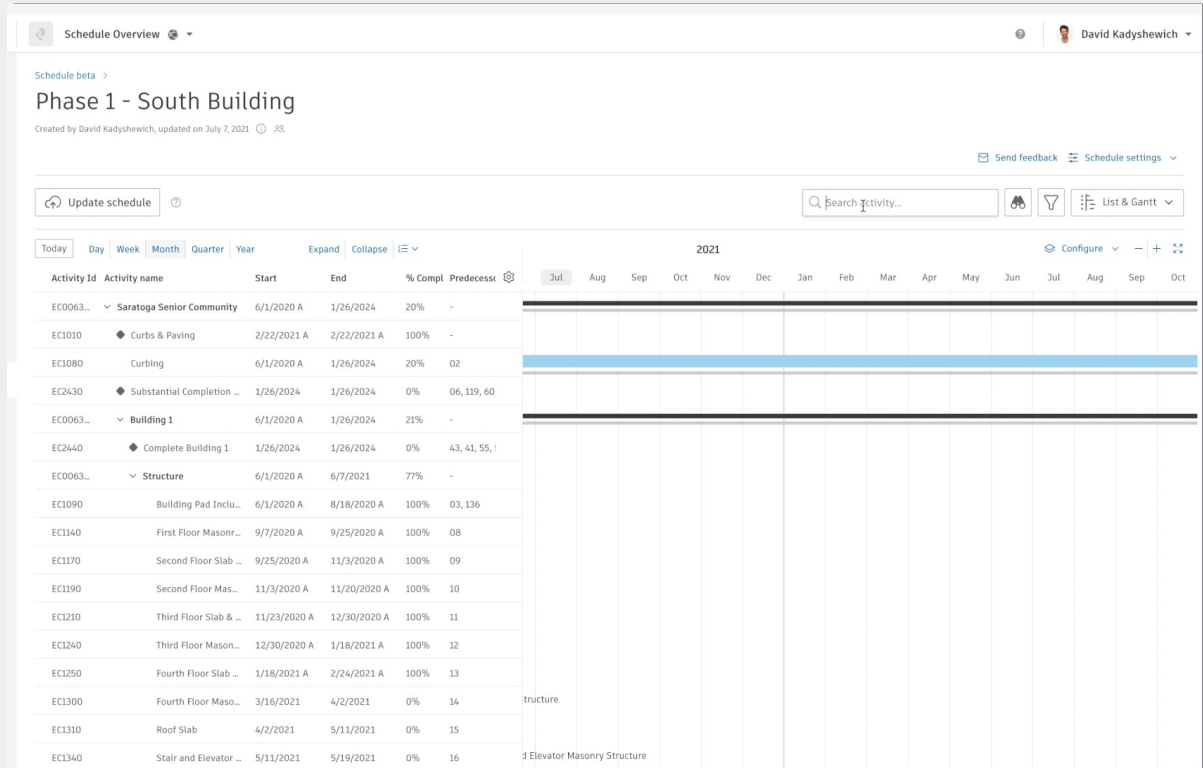
# Schedule in Autodesk Build

- Share the schedule, instantly



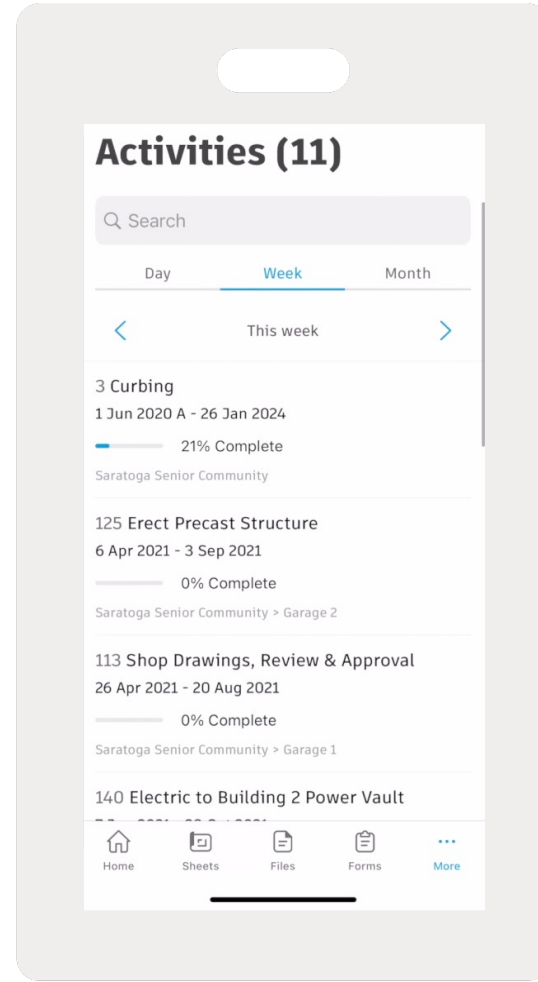
# Schedule in Autodesk Build

- Share the schedule, instantly
- Find what you're looking for, quickly



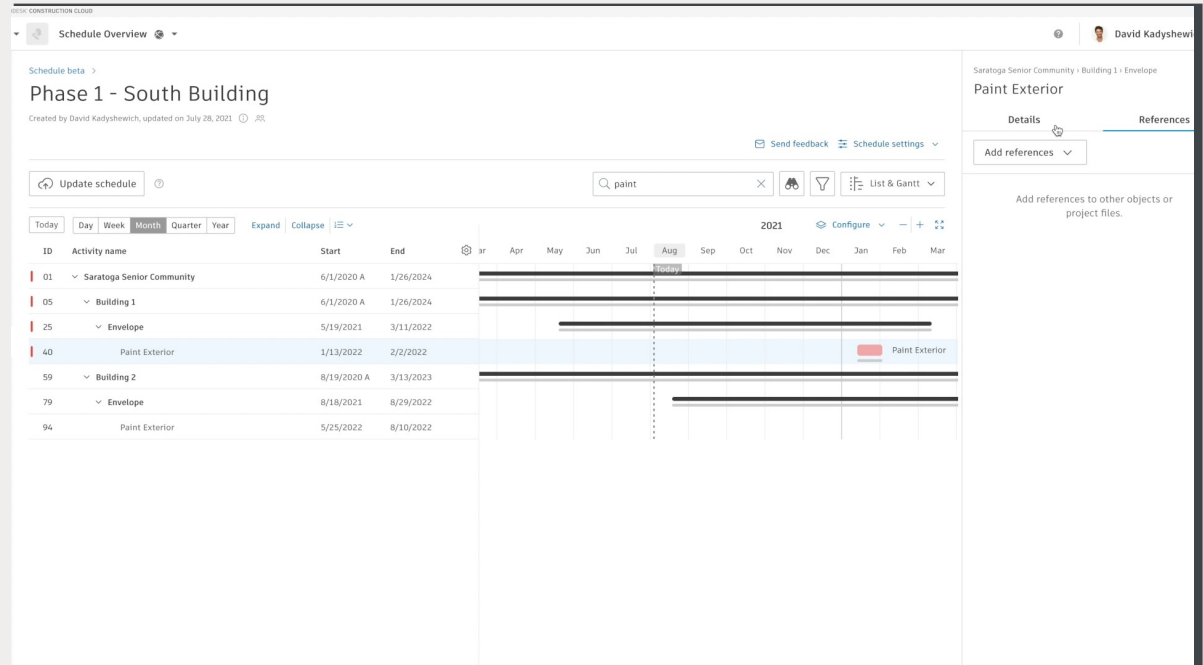
# Schedule in Autodesk Build

- Share the schedule, instantly
- Find what you're looking for, quickly



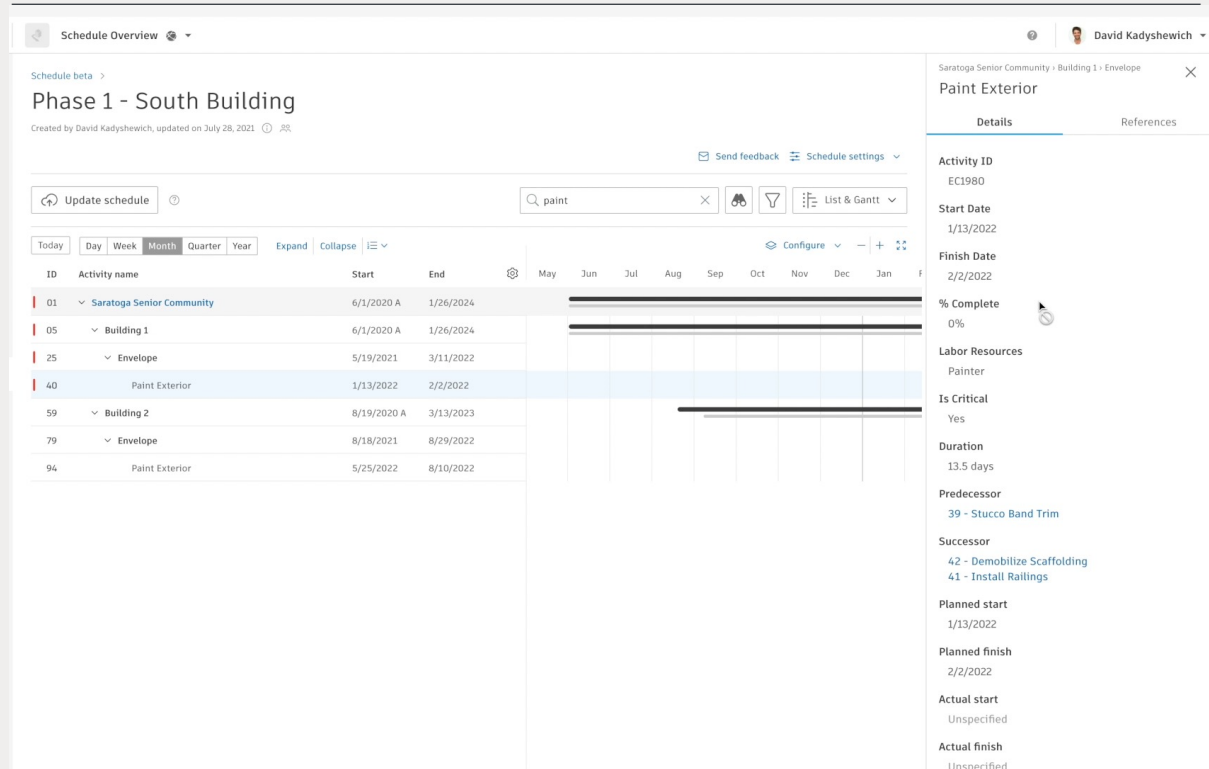
# Schedule in Autodesk Build

- Share the schedule, instantly
- Find what you're looking for, quickly
- Connect the schedule to the entire project



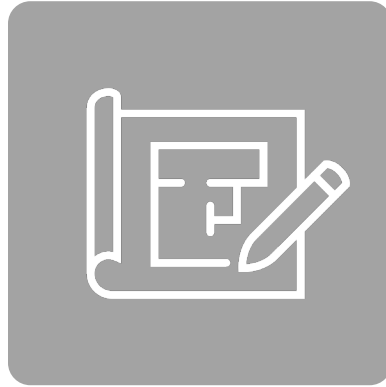
# Schedule in Autodesk Build

- Share the schedule, instantly
- Find what you're looking for, quickly
- Connect the schedule to the entire project
- Communicate on activities





**Remote Planning**



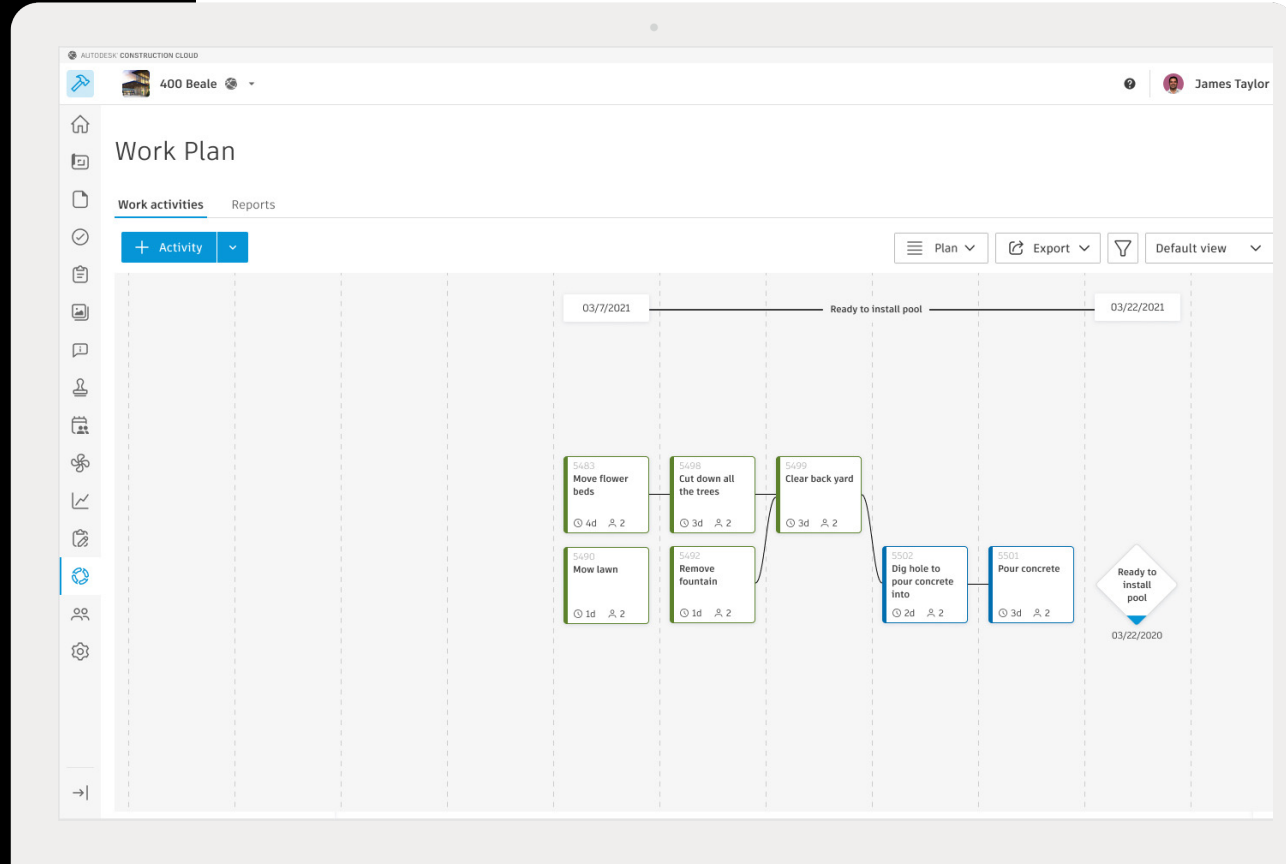
**Automate Processes**



**Monitor Progress**

# Work Plan in Autodesk Build

- Collaborative Planning
- Shared Access
- Constraint Management
- Commitment Tracking
- Key Performance Metric Dashboards

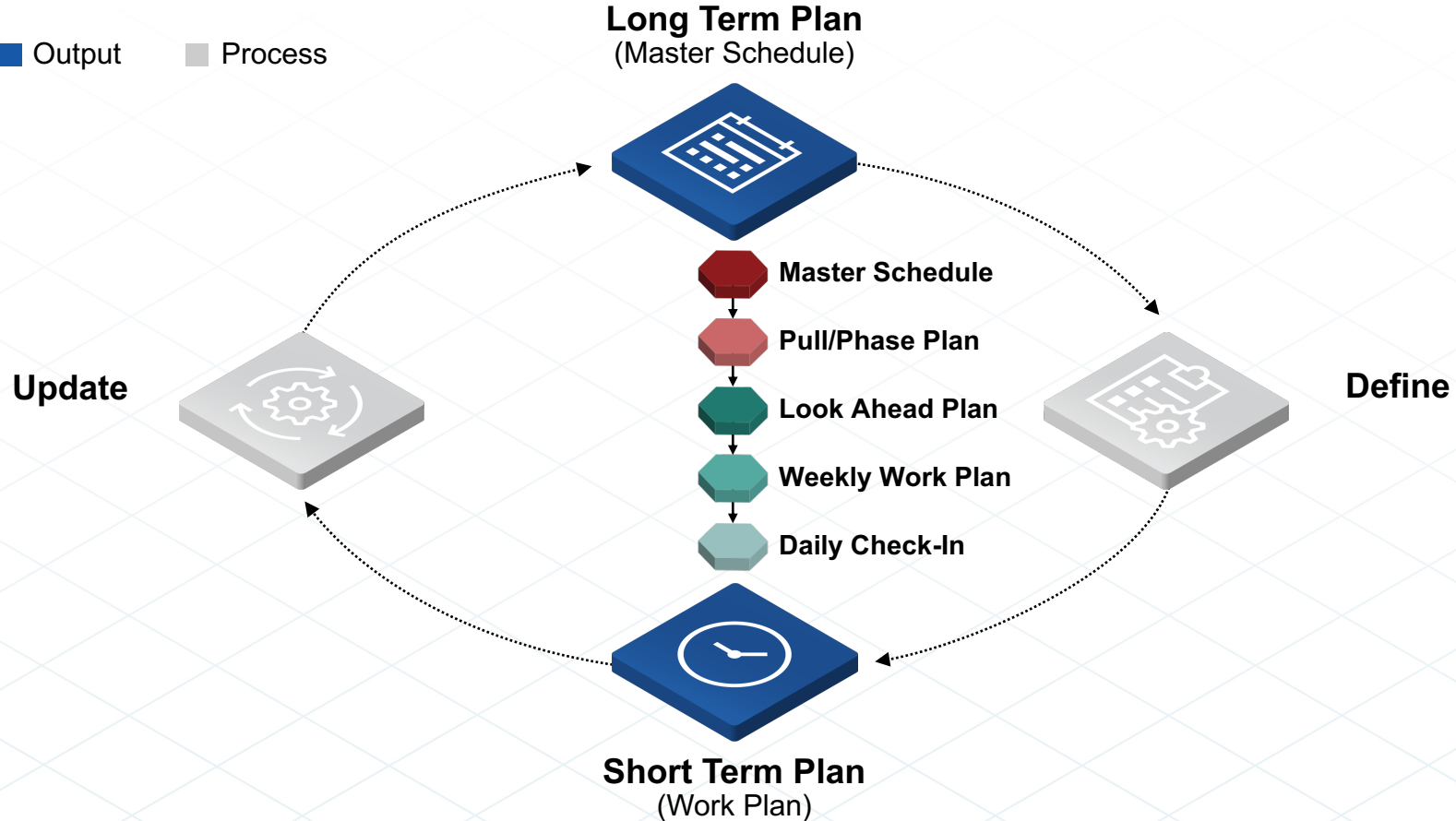




# Connecting Master Schedule and Short Term Plans

■ Output

■ Process



Home

Sheets

Files

Issues

Forms

Photos

RFIs

Submittals

Meetings

Schedule

Work Plan

Progress Tracking

Reports

Members

Settings

# Welcome, Alex

Here's what's happening on your project today.



1 Music Square West  
Nashville, TN  
37203 United States

## Project progress

Project schedule not configured

Add a [project schedule](#) to show milestones.

## Quick links

806

+ Sheets

1680

+ Members

## Site weather



Rain

High: 77° F

Low: 71° F

Wind: 6MPH, SSW

Humidity: 94%

Precipitation: 0.8 in

[Show more](#) ▾

## Work status

Project assigned work



119 overdue issues



## Mobile sync status



57%

## Recent activity

View all ▾

- An issue was created  
(#1454) [Punch List](#)  
Adam Herried - yesterday at 11:51 PM
- 3 issues were created  
[Show more](#)  
John Bradford - yesterday at 10:50 PM
- A new sheet was published to version set  
[IFC 4](#)  
Timothy Mandody - yesterday at 9:59 PM
- A submittal was closed and distributed  
(#69-261430) [Wiring Devices](#)  
Timothy Mandody - yesterday at 9:59 PM
- A new photo was uploaded







**Q&A**





**Section break**



**Section break**

