

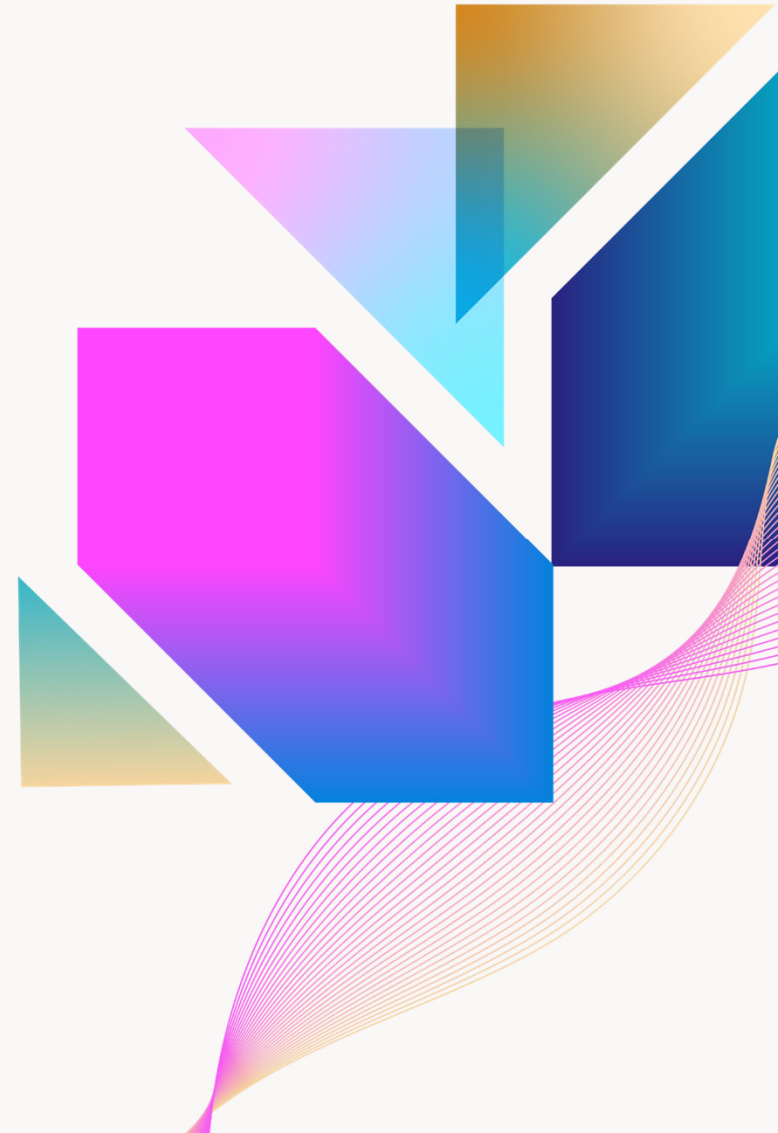


**UNBOUND** 

## Stitching It All Together

Real World Insights into Bluebeam's New Workflow for Heavy Civil

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Dirt Logic



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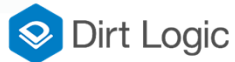
Dirt Logic

# The Big Picture

## *Complete Solutions Provider:*

- ✓ Autodesk & Bluebeam Platinum Partner and service provider for 30+ Years!
- ✓ Industry-leading Training & Support
- ✓ Not just a reseller – We provide end-to-end technology solutions for the AECO industry
- ✓ Hardware & Software – Solutions & Support

### Sister Companies:



# Agenda

## **1. Creating & Managing Stitched PDFs**

- Introduction to the Stitching feature
- Best practices for generating clean, accurate stitched files

## **2. Estimation & Takeoff Workflows**

- Using stitched PDFs for earthwork estimation
- Integrating with Quantity Link and external takeoff software

## **3. Quality Assurance & Design Validation**

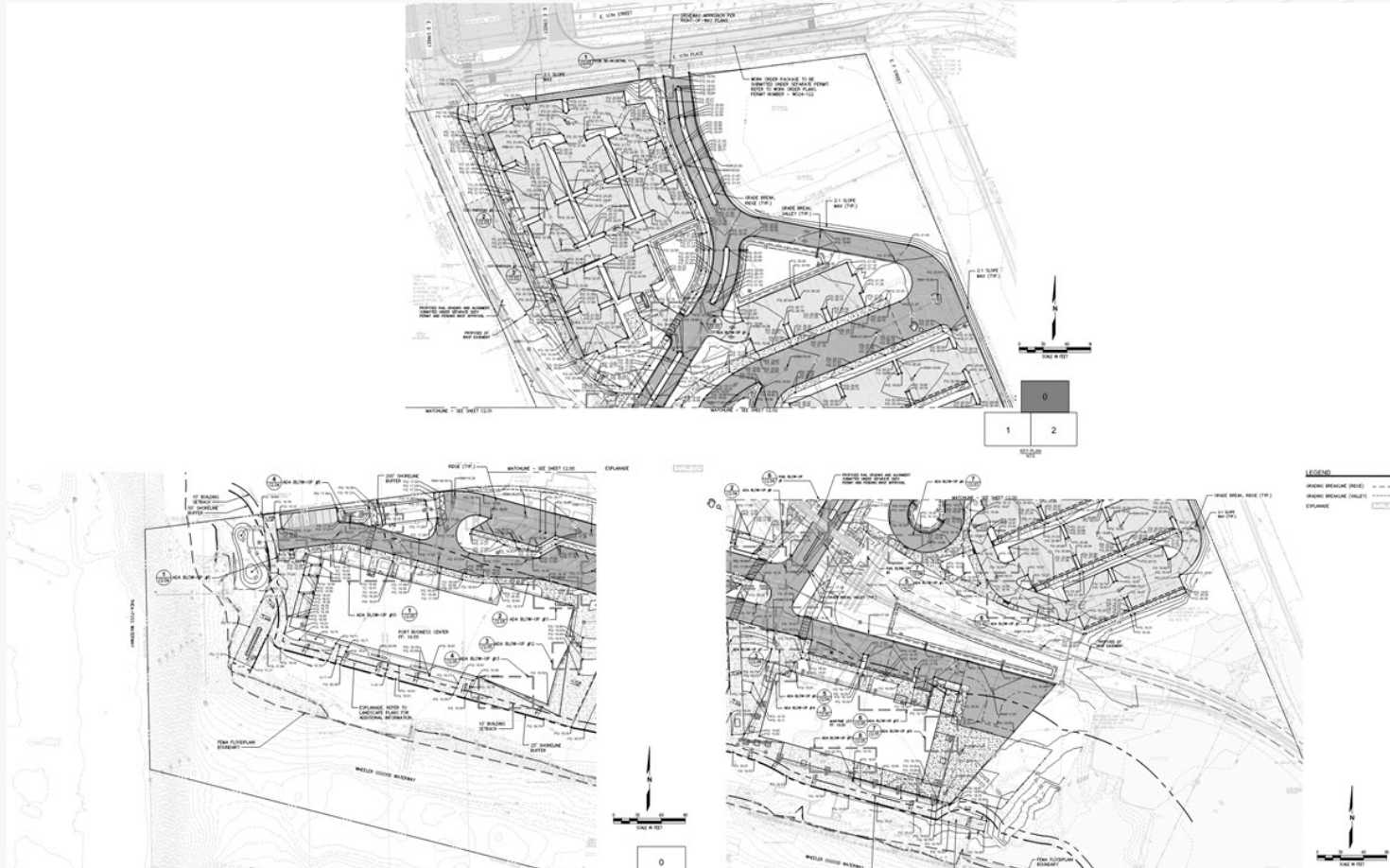
- Supporting QA/QC processes with stitched files
- Cross-checking CAD designs and using Overlay Pages for revision comparisons

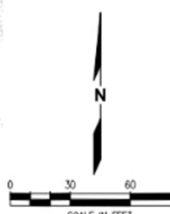
## **4. Construction Planning & Field Communication**

- Markups for phasing, pour planning, and jobsite visualization
- Enhancing collaboration between office and field teams



# Creating & Managing Stitched PDFs

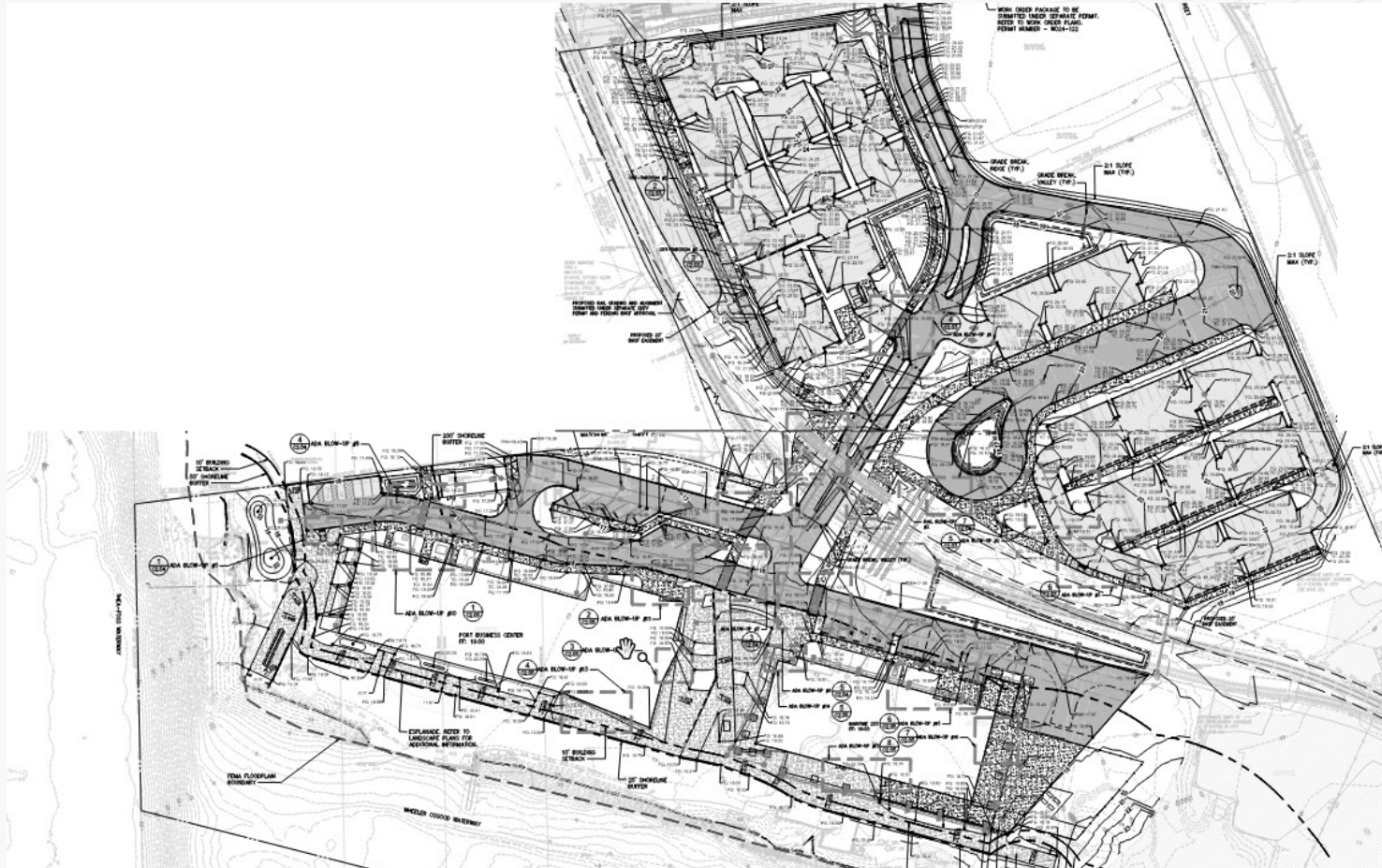




Markups List										
Search										
Filter List										
Subject	Page Label	Page Index	Length	Area	Count	Measurement	Layer	Unit	Item	
Line (4)						4 Count				
Line	[26] C2.00 ...	26				1 Count		Count		
Line	[27] C2.01 ...	27				1 Count		Count		
Line	[1] C2.02 - ...	28				1 Count		Count		



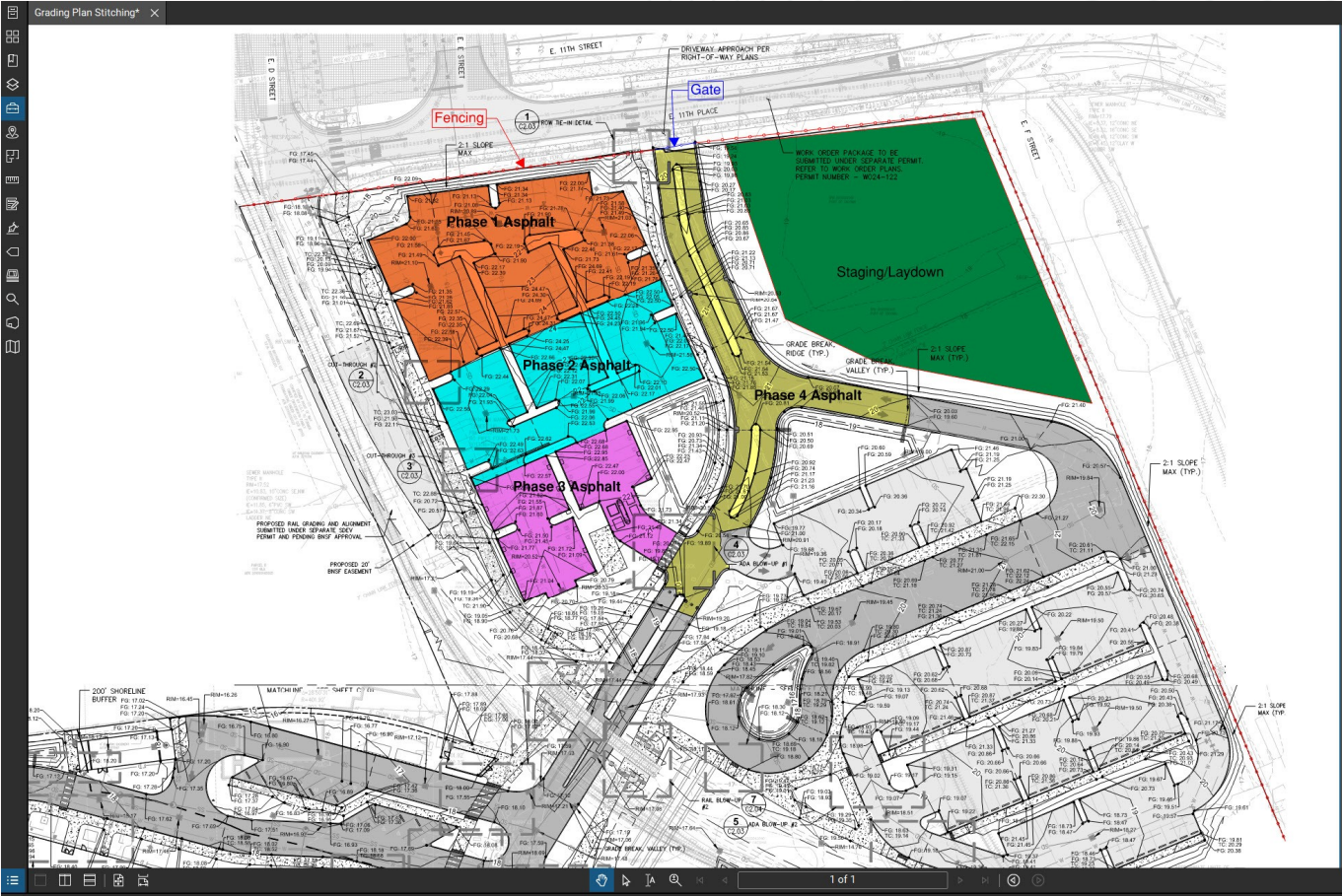
# Creating & Managing Stitched PDFs







# Planning/Phasing



# Takeoff & Estimating Workflows

The screenshot displays the Bluebeam software interface, which is used for takeoff and estimating workflows. The interface is divided into several sections:

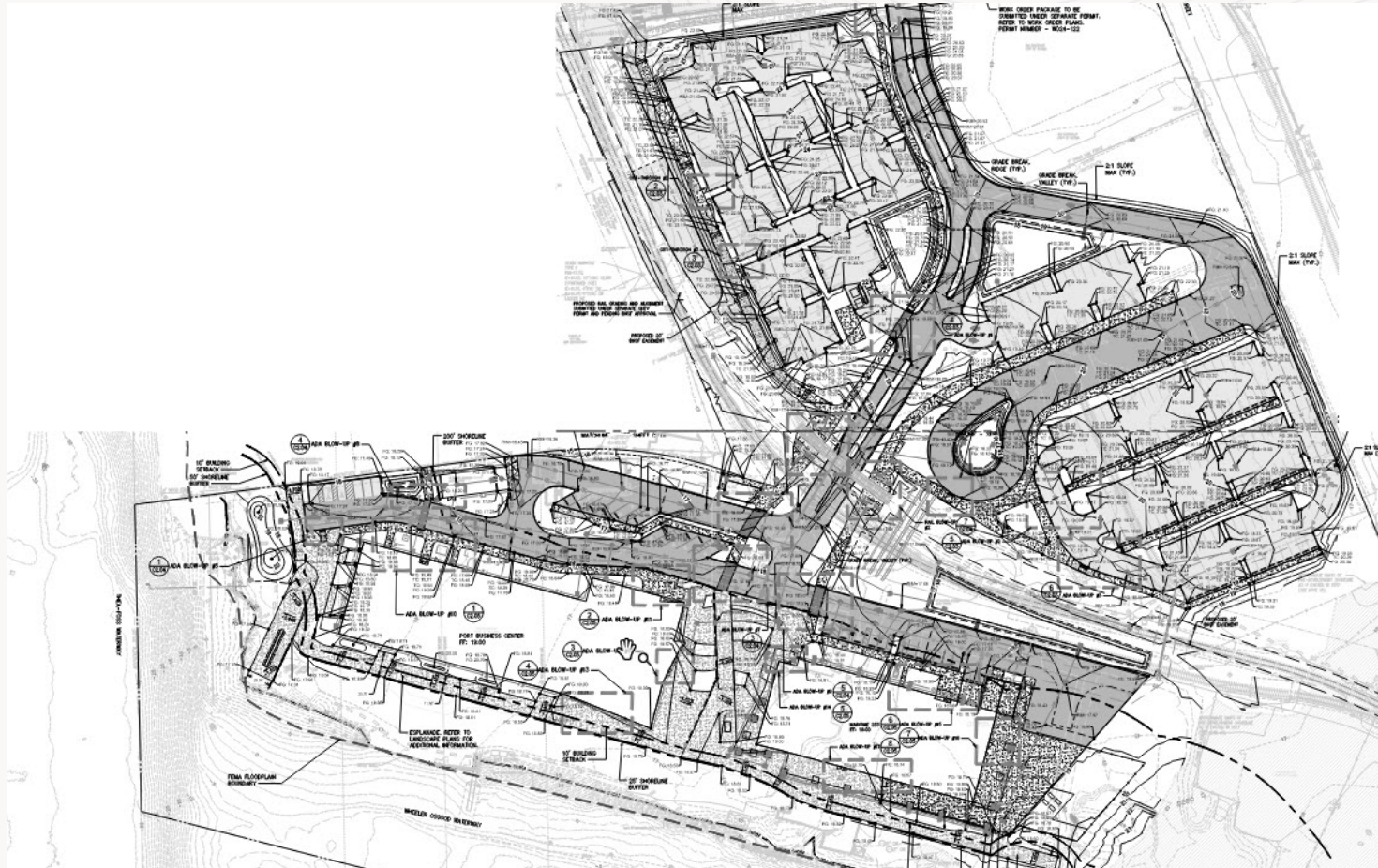
- Left Panel:** Contains a list of markups and a search bar. The markups list includes:
  - [24] C1 08 CIVIL SITE DETAILS Scale Not Set
  - [25] C1 09 CIVIL SITE DETAIL Scale Not Set
  - [26] 1" = 30'
- Center Panel:** Displays a site plan with various areas highlighted in yellow and blue. The plan shows building footprints, parking areas, and surrounding infrastructure.
- Right Panel:** Shows a data table with the following columns: A, B, C, and D. The table contains the following data:
 

	A	B	C	D
1	Site Development			
2	Linework Conversion	1		\$
3	LF of Walls	0		\$
4	Number of Ponds	5	Count	\$
5	Length of Swales	0		\$
6	Area of Building	54929.63	sf	\$
7	Area of Parking/sidewalks	276735.6	sf	\$
8	LF of Public Roadways	114.6	ft	\$
9	Curb Ramps, Curb Returns	16	Count	\$
10	Contours	0		\$
11	Total			\$
12	Number of total Acres	0		
13				
14				
15				
- Bottom Panel:** Displays a 'Markups List' table with the following columns: Subject, Page Label, Page Index, Length, Area, Count, Measurement, Layer, Unit, and Item. The table contains the following data:
 

Subject	Page Label	Page Index	Length	Area	Count	Measurement	Layer	Unit	Item
Building (4)			1,823.3...	54,929...					
Building	26	26	906.42 ft	32,744.9...				sf	Buildings
Building	26	26	629.68 ft	20,010.0...				sf	Buildings
Building	26	26	93.15 ft	473.42 sf				sf	Buildings

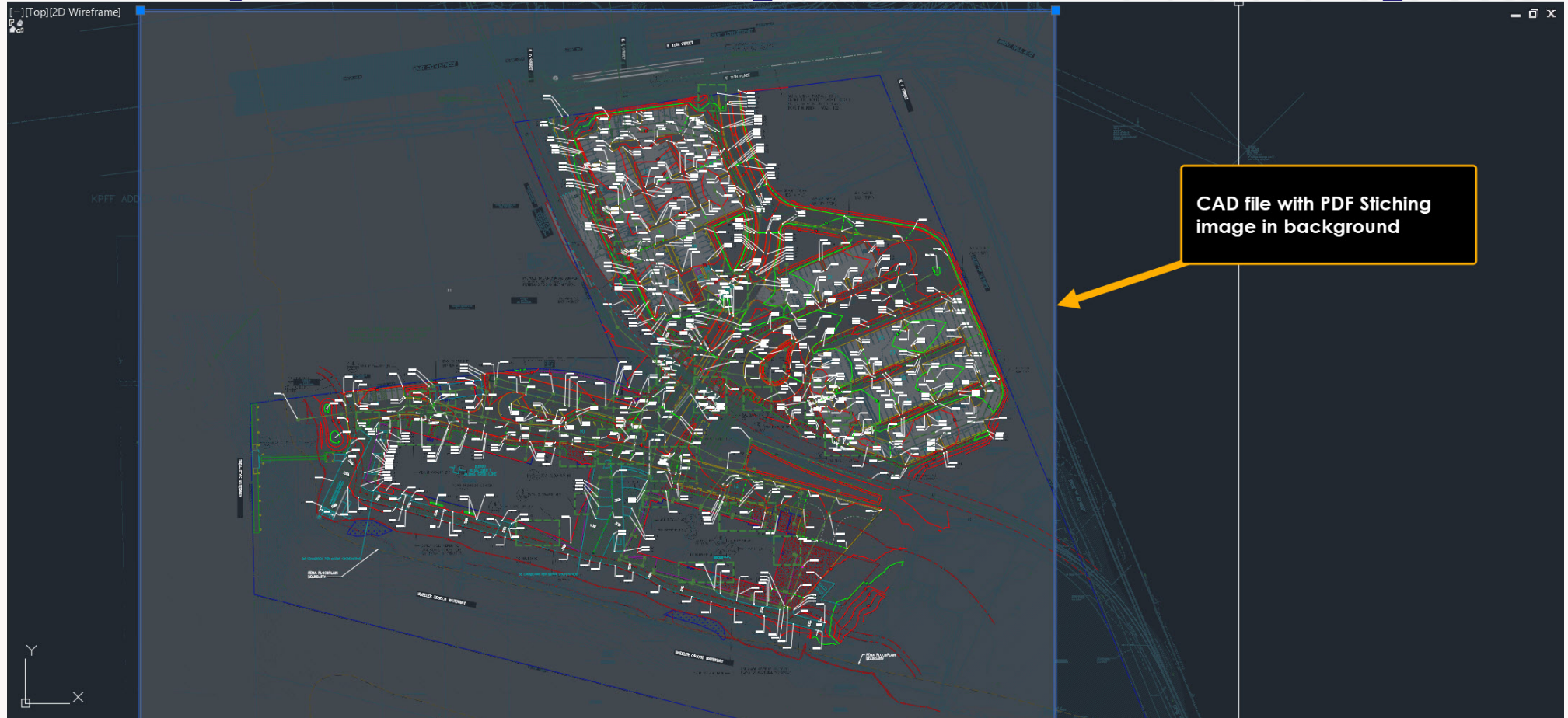


# Quality Assurance for Takeoff & Design

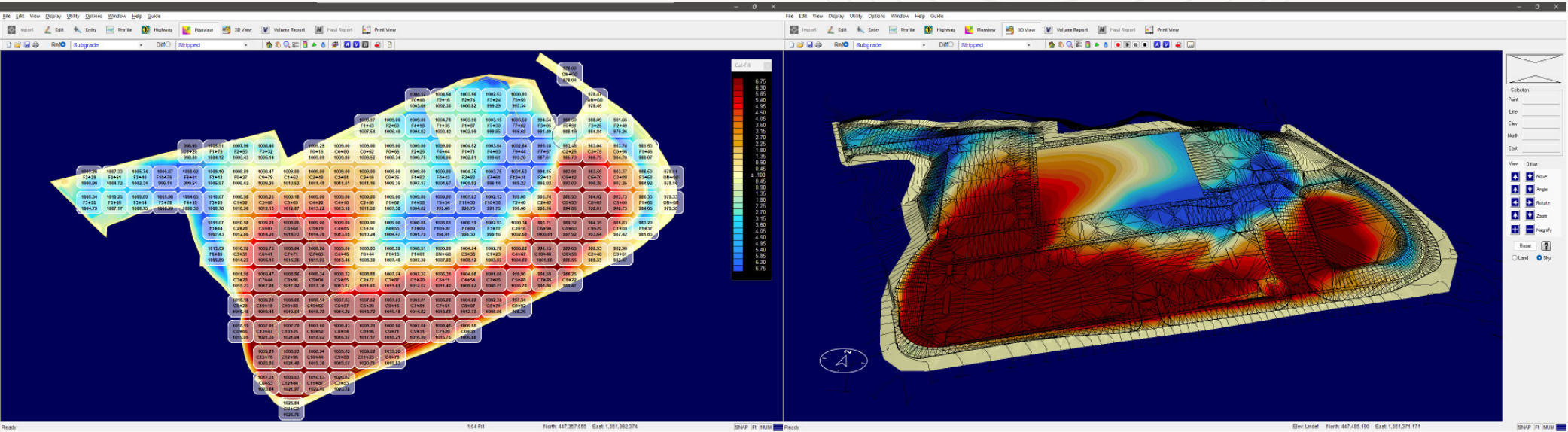




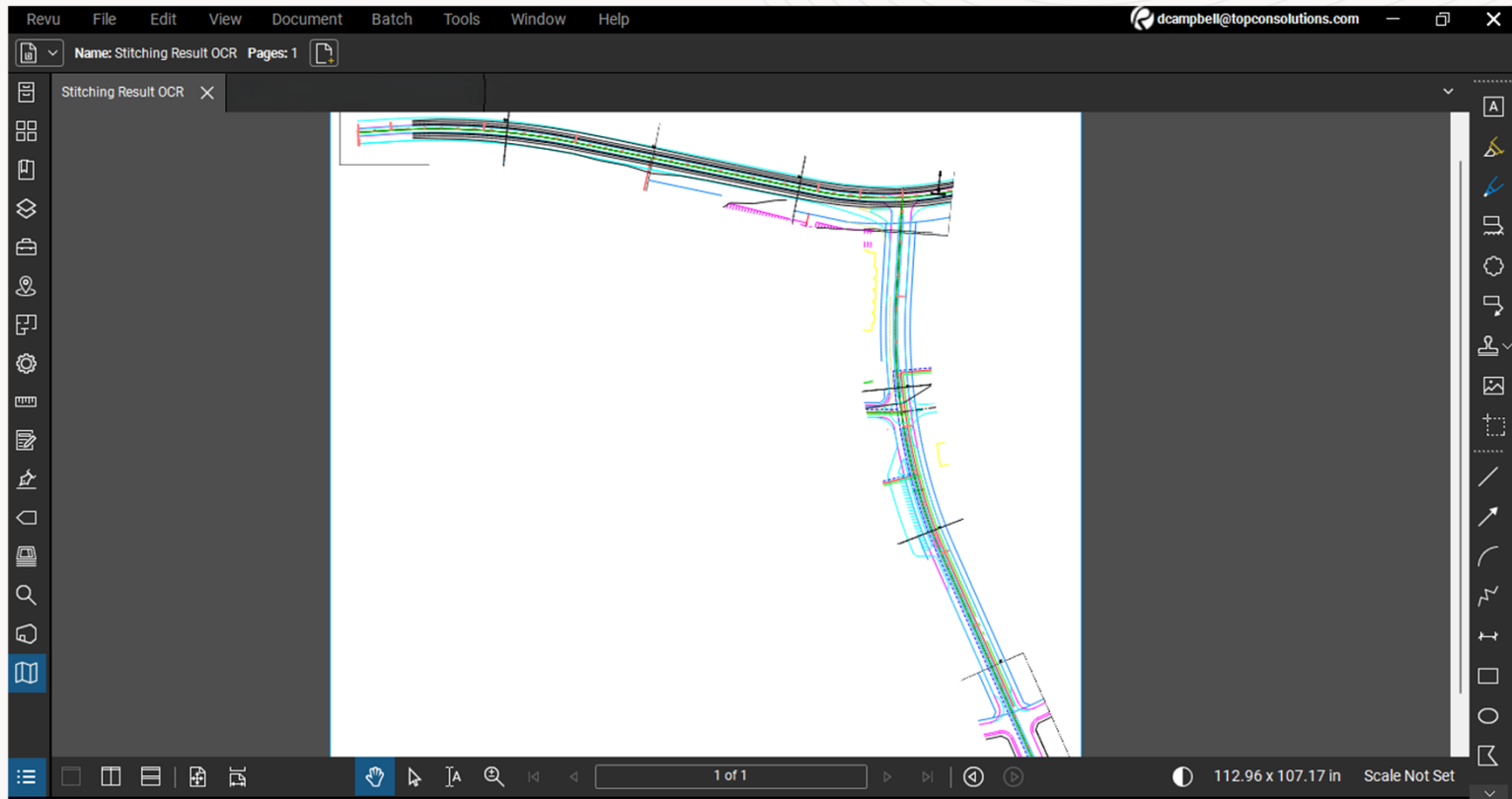
# Quality Assurance and Design Verification for Modeling



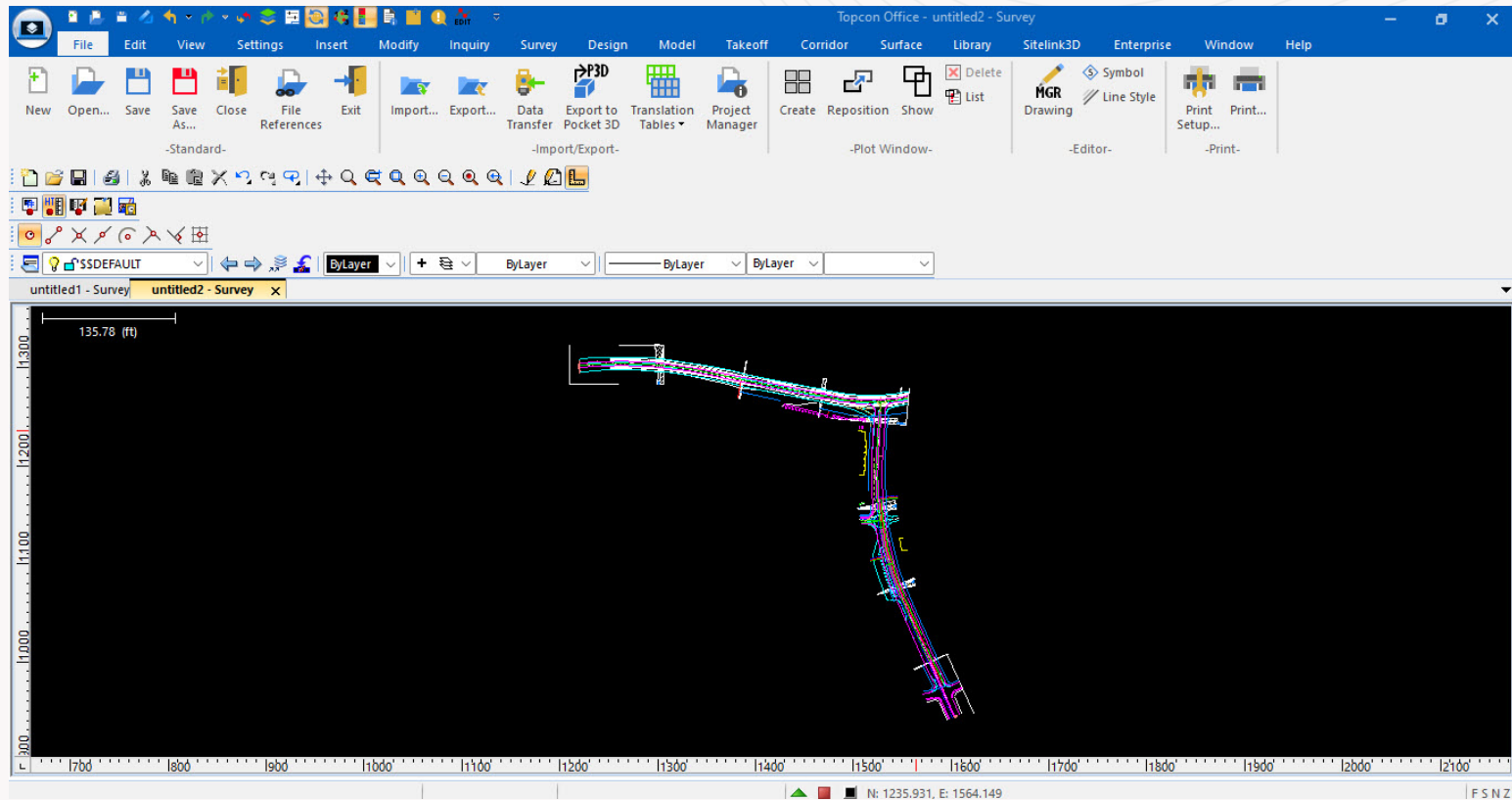
# Quality Assurance for 3D Takeoff



# PDF to 3D Takeoff



# PDF to 3D Takeoff







***Thank You!***