

Opppm Report Studio

Clean, Consistent, Controllable Survey Reporting

Transforming raw 12d output into client-ready excellence

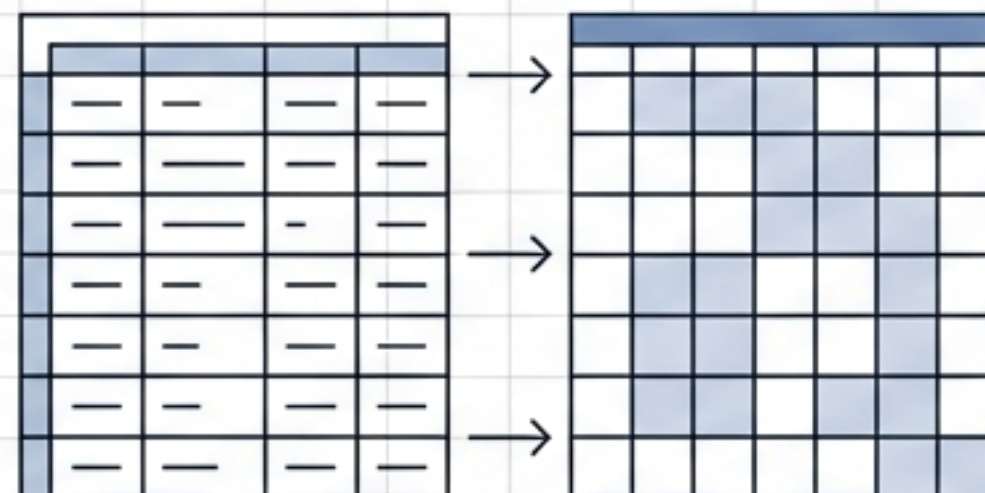
Your data is world-class. Your reports should be too.

The Current Reality



- **Difficult to export:** Native formats fight against professional styling.
- **Time-consuming:** Manual CSV manipulation is slow and risky.
- **Inconsistent:** Re-doing reports when data changes wastes hours.

The Report Studio Way



Report Studio bridges the gap. It imports raw 12d reports and transforms them into professional, fully customisable spreadsheets—automating the tedious work so you focus on the data.

Intelligent Data Handling

The screenshot displays the Report Studio interface. On the left, there are four buttons: 'IMPORT REPORT(S)', 'PRINT', 'EDIT FRONT MATTER', and 'SETTINGS'. Below these is a logo for 'Software Solutions from GeoVector Pty Ltd'. The main area shows a 'Licensed To' field with 'Geovector Pty Ltd' and a 'Subscription End Date' of '02/02/2026'. Below this is a table titled 'REPORT PARAMETERS' with columns for 'Description', 'Place Marker', and 'Value'. The table contains 18 rows of data, including project title, job name, report title, field file names, processed by, surveyed by, design file, lot numbers, surveyed quantity, material, and description.

Description	Place Marker	Value
001 Project Title	<projecttitle>	Smith Street Bridges Rchabilitation Werks
002 Job Name	<jobname>	0034 NerfDbound Ramps
001 Report Title	<reporttitle>	Pavement Conformance
002 Report Subtitle	<reportsubtitle>	CH 32000 to 32246
Field File Name 1	<Reldfilename1>	260112AB001
Field File Name 2	<Reldfilename2>	260112/0002
Field File Name 3	<fieldfilename3>	260112AB003
Field File Name 4	<fieldfilename3>	26011248004
Field File Name 5	<Reldfilename5>	2601125Y005
Processed By	<processedby>	Alan Bilsborough
Processed By Position	<procssedbyposition>	Data Manager
Surveyed By	<surveyedby>	AB, JG, SV
Design File	<designfile>	300 des Kerb
Design Layer	<designlayer>	300 des Rerb
Lot Numbers	<lotnumbers>	12345
Surveyed Quantity	<surveyedquantity>	Kerb Semi-Mountable
Material	<material>	Concrete
Description	<description>	300 Hastings Street Ch 12345

● Import: Paste directly from 12d or read file exports. Structure is automatic.

● Automate: Enter project details once. They populate every sheet instantly.

Report Studio acts as a live environment, supporting Pavement Conformance, Asbuilt vs Design, Point-to-Point, and Volume Reports.

Live Data, Not Static Text

Tolerance Method	Easting-Northing
Easting Tolerance	0.025
Northing Tolerance	0.025
Elevation Tolerance	0.02

Point ID	Code	Model	Easting	Northing	Elevation	Distance
250423A8001	CSR	test/survey/CSR Cabinet 250422	543134.666	6895471.072	6.759	
		test/design/CSR Cabinet 250422	543134.664	6895471.069	6.753	
			-0.001	-0.002	-0.006	2.743
250422A8002	CSR	test/survey/CSR Cabinet 250422	543135.546	6895469.946	6.749	
		test/design/CSR Cabinet 250422	543135.546	6895469.848	6.759	
			-0.005	0.002	-0.010	3.089
250422A8003	CSR	test/survey/CSR Cabinet 250422	543134.970	6895469.430	6.754	
		test/design/CSR Cabinet 250422	543134.971	6895469.436	6.759	
			0.001	0.006	-0.005	6.414
250422A8004	CSR	test/survey/CSR Cabinet 250422	543134.064	6895470.851	6.730	
		test/design/CSR Cabinet 250422	543134.092	6895470.052	6.729	
			0.028	0.007	0.023	25.988

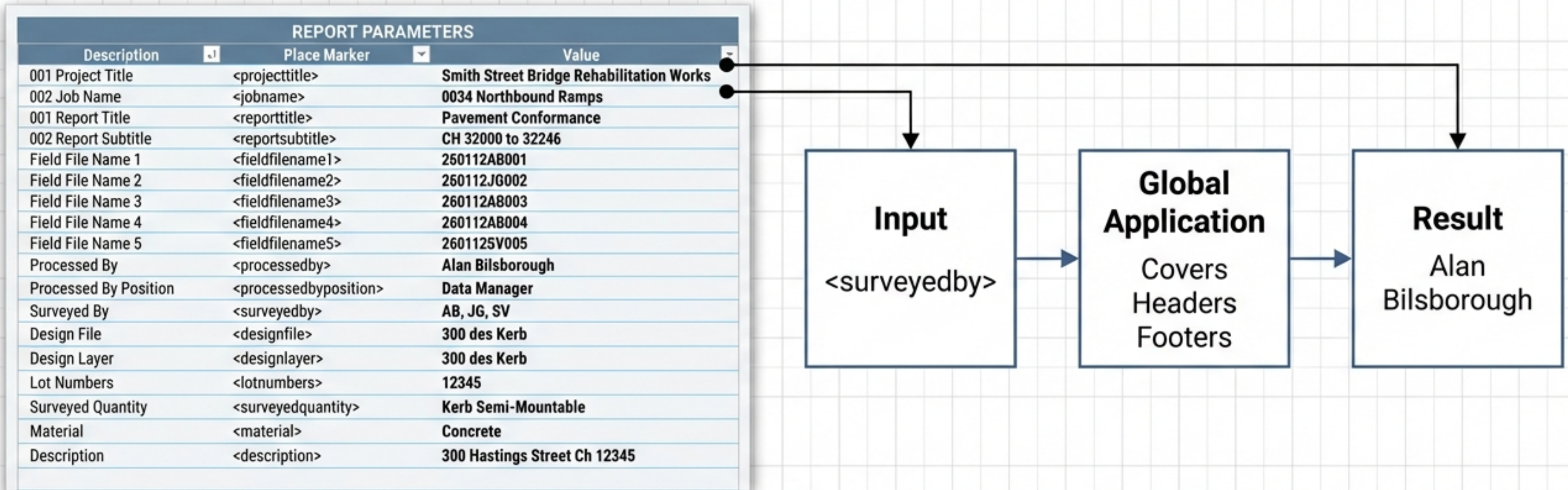
	Easting	Northing	Elevation
High	0.028	0.007	0.023
Low	-6.003	-0.002	-0.006
Count	4	4	4
Mean	0.006	0.003	0.006
Std Dev	0.013	0.004	0.012

Dynamic Calculations:
Values are driven by formulas. Change one input, and all dependent results update instantly.

Visual Intelligence: Built-in conditional formatting.

- Green: Within tolerance.
- Red: Out of tolerance.


Automated Consistency via Place Markers



The Logic: Report Studio uses system-wide variables (**Place Markers**) to manage context.

The Benefit: Enter details once on the Home page. They automatically cascade to every page of the report, eliminating copy-paste errors.

Protecting Corporate Identity

NOTE: SHEET SHOULD BE A MAXIMUM OF 25 COLUMNS WITH A FIXED WIDTH OF 6 (USE MERGE CELLS - I.E. DON'T CHANGE CELL WIDTHS)																								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
GeoVector																						Beachway Parade		
																						Marcoola		
Software Solutions																						Queensland		
																						4564		
												<projecttitle>												
												<jobname>												

From Project Standards to Company Standards.

- **Custom Branding:** Embed company and client logos.
- **Dynamic Details:** Headers update automatically with project info.
- **Legal & Admin:** dedicated space for disclaimers and signature blocks.
- **Standardisation:** Enforce a uniform visual identity across all staff and projects.

NOTE: SHEET SHOULD BE A MAXIMUM OF 25 COLUMNS WITH A FIXED WIDTH OF 6 (USE MERGE CELLS - I.E. DON'T CHANGE CELL WIDTHS)																								
1	2	3	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	24	25		
										Signed _____														
										<processedby>														
										<processedbyposition>														
										Monday, February 02, 2026														
END SHEET																								

Mastering Complex Covers

Start/End Logic:
Define multiple distinct covers on a single sheet using simple tags.

Dynamic Spacing:
Enter a number (e.g., 60) in Column A to automatically insert that many blank rows in the print output.

The spreadsheet displays a complex cover layout. At the top, a yellow header row contains the note: "NOTE: SHEET SHOULD BE A MAXIMUM OF 25 COLUMNS WITH A FIXED WIDTH OF 6 (USE MERGE CELLS - I.E. DON'T CHANGE CELL WIDTHS)". Below this, a green bar indicates the start of a cover: "START COVER Generic Pavement Conformance".

SURVEY DETAILS		ACCEPTANCE CRITERIA	
Construction Lot Numbers	<lotnumbers>	Description	Tolerances
Surveyed Quantity	<surveyedquantity>	Vertical Tolerances	± 10mm
Material	<material>	Thickness	Minimum 172mm
Description	<description>		

Below the survey details table, there is a table for "SURVEY DETAILS" with fields: Surveyed By (<surveyedby>), Pickup Filename(s) (<filename1>, <filename2>, <filename3>, <filename4>, <filename5>), Processed By (<processedby>), Design File (<designfile>), Design Layer (<designlayer>), and Return (<datum>).

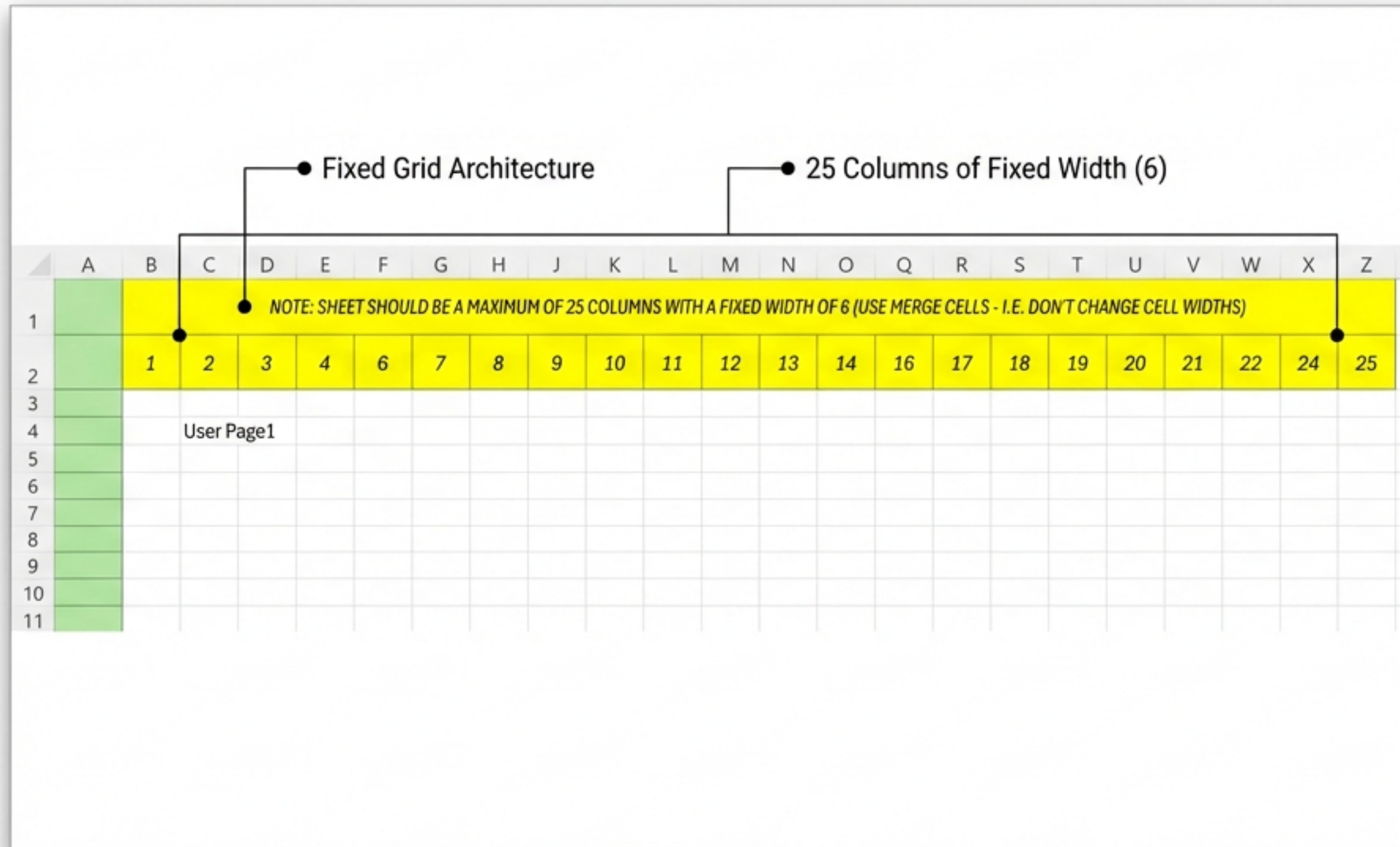
Further down, a green bar indicates the end of the first cover: "END COVER". This is followed by another green bar for a second cover: "START COVER Generic Asphalt vs Design String".

SURVEY DETAILS		ACCEPTANCE CRITERIA	
Construction Lot Numbers	<lotnumbers>	Description	Tolerances
Surveyed Quantity	<surveyedquantity>	Vertical Tolerances	± 10mm
Material	<material>	Thickness	Minimum 172mm
Description	<description>		

Handle complex projects with ease. Whether you need Pavement Subgrade, Gravel Layer, or Watermain covers, manage them all in one programmatic environment.

Rich Data: Embed survey details and acceptance criteria tables directly.

Technical Architecture for Consistency



The 25-Column Rule

- To ensure flawless merging of pages into a single PDF, the software uses a fixed grid architecture.

- 25 columns of fixed width (width 6).

- Columns cannot be resized, but can be merged freely.

- Rows have no height restrictions.

Outcome: Perfect alignment from page to page, regardless of content type.

User Pages: The Blank Canvas

NOTE: SHEET SHOULD BE A MAXIMUM OF 25 COLUMNS WITH A FIXED WIDTH OF 6 (USE MERGE CELLS - I.E. DON'T CHANGE CELL WIDTHS)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 21 22 23 24 25

User Page1

END SHEET

Standard reports don't capture everything. User Pages provide a flexible canvas for:

- Site notes and observations.
- Diagrams and screenshots.
- Additional narrative context.

Simply copy the User Page sheet to add as many custom pages as required, all wrapped in your standard corporate headers and footers.

Tailored Output Control

ASB v DES (a) Options

Asbuilt vs Design String Options

Table Header

Columns to Include

<input checked="" type="checkbox"/> Chainage	<input checked="" type="checkbox"/> Asbuilt Level
<input checked="" type="checkbox"/> Offset	<input checked="" type="checkbox"/> Design Level
<input checked="" type="checkbox"/> Asbuilt Easting	<input checked="" type="checkbox"/> Horiz Diff
<input checked="" type="checkbox"/> Asbuilt Northing	<input checked="" type="checkbox"/> Vert Diff
	<input checked="" type="checkbox"/> Comment

Tolerances

<input checked="" type="checkbox"/> Horizontal	<input checked="" type="checkbox"/> Highlight
Upper: 0.01	<input checked="" type="checkbox"/> Show In Headings
Lower: -0.01	<input checked="" type="checkbox"/> Show In Headings
<input checked="" type="checkbox"/> Vertical	<input checked="" type="checkbox"/> Highlight
Upper: 0.01	<input checked="" type="checkbox"/> Show In Headings
Lower: -0.01	<input checked="" type="checkbox"/> Show In Headings

Additional Details

Apply Close

Customisation without Corruption.

You don't need to print everything 12d exports. Modify the presentation without touching the raw data.

- **Column Control:** Toggle visibility for Chainage, Offset, Vertical Difference, and more.
- **Tolerances:** Define Upper/Lower limits and toggle "Highlight" to automate quality checks.

Specialised Intelligence: Subsoil Reports

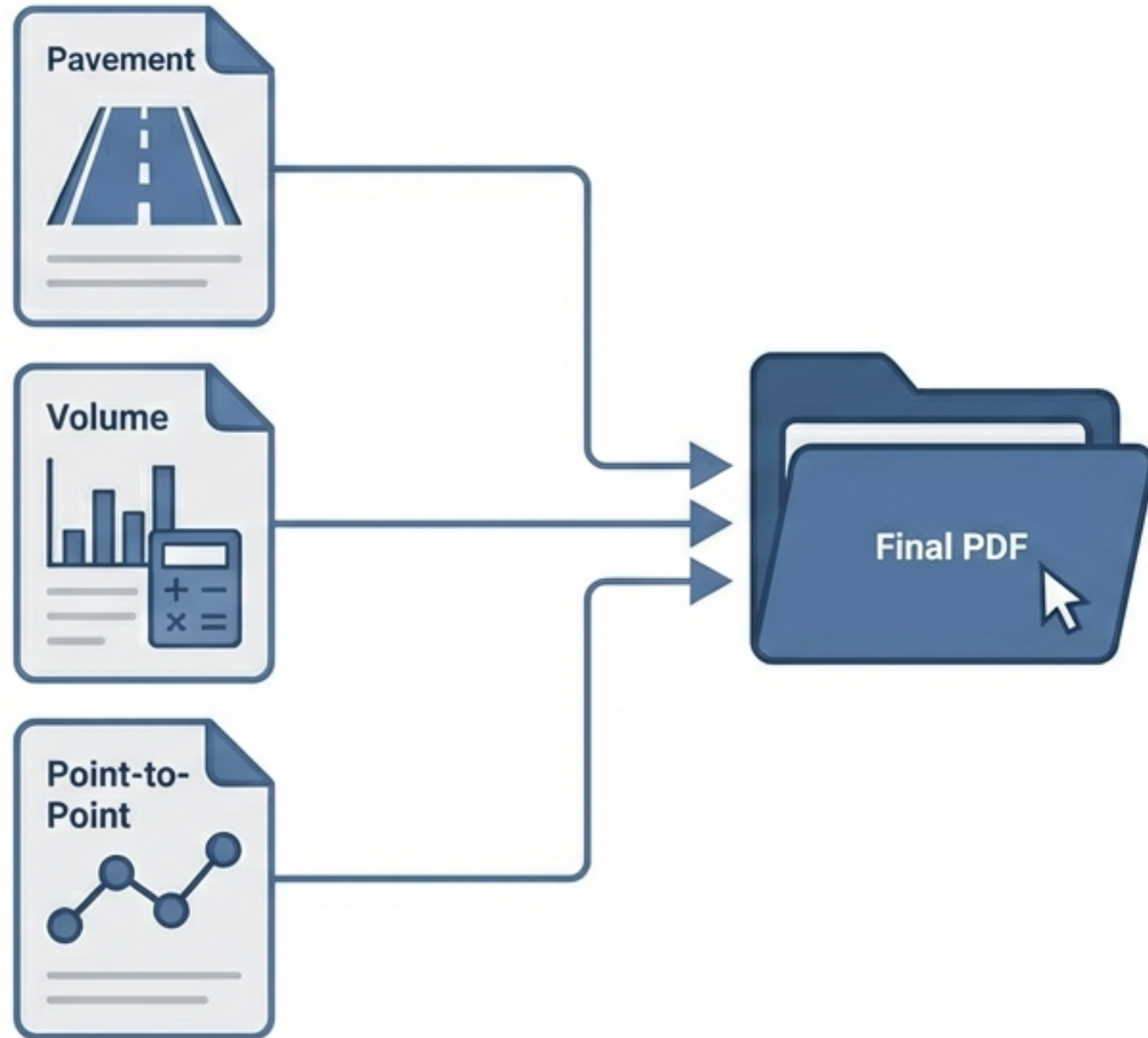
Chainage	Offsst	Easting	Northing	Asbuilt Level	Grade(%)	Flow Direction
2157.325	-0.039	542991.056	6896671.949	4.772	-0.7%	↓
2140.227	-0.049	542991.667	6895663.124	4.752	-0.6%	↓
2144.119	-0.068	542993.046	6896665.241	4.725	-0.8%	↓
2147.131	0.029	542093.048	6896662.341	4.703	-0.8%	↓
2121.083	-0.058	542332.931	6896665.513	4.749	1.1%	↑
2152.277	-0.090	542993.221	6896657.411	4.715	-2.6%	↓
2157.271	-0.001	542995.257	6896654.453	4.662	-0.7%	↓
2161.446	-0.075	542996.120	6896644.387	4.755	0.1%	↑
2163.237	0.020	542056.025	6895686.640	4.725	2.8%	↑
2165.568	0.011	542997.377	6896641.164	4.655	-2.9%	↓
2165.568	-0.082	542957.678	6896641.404	4.659	0.2%	↑
2171.144	-0.005	542998.124	6896638.961	4.678	0.7%	↑
2175.544	-0.012	542999.057	6896634.592	4.633	-0.9%	↓
2176.363	-0.036	543999.396	6896623.753	4.623	-0.7%	↓
2189.422	0.135	545008.936	6896622.553	4.671	0.3%	↑
2188.832	0.133	543001.923	6896662.672	4.706	1.0%	↑
2188.501	0.000	545002.407	6896622.087	4.653	-3.2%	↓

Transform standard 'Asbuilt vs Design' data into complex Subsoil Reports with two lines of code.

```
Subsoil Report  
Grade Min: 0.5
```

The software automatically calculates grades, determines flow direction, and inserts directional arrows—turning raw string data into a functional drainage report instantly.

Multi-Report Integration



Consolidate your deliverables.

Report Studio allows multiple report types to be imported, managed, and printed from a single file.

Benefit: Keep project data consolidated and deliver one professional document to the client, rather than a fragmented zip file of PDFs.

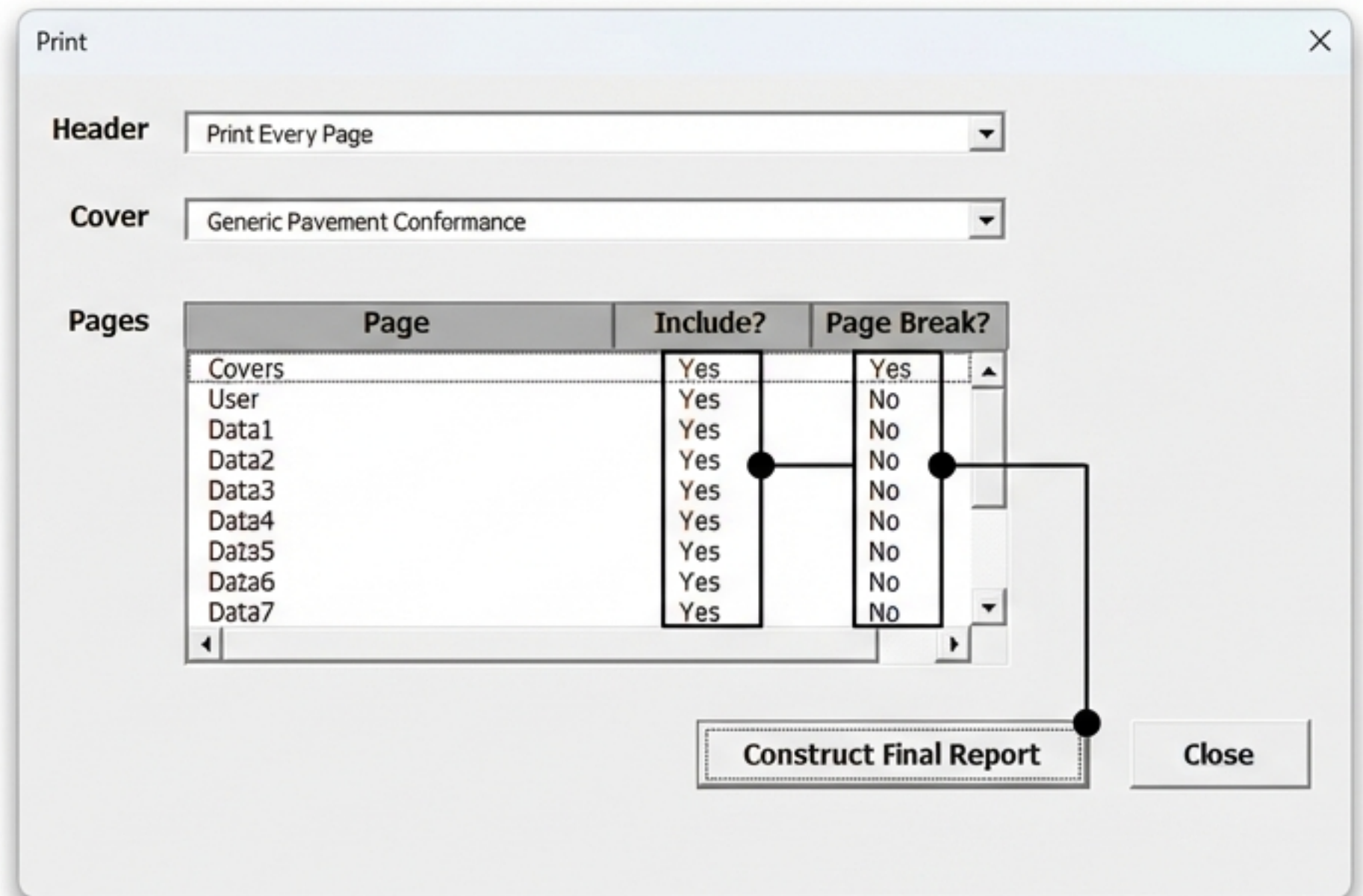
Precision Printing & Assembly

The Final Assembly.

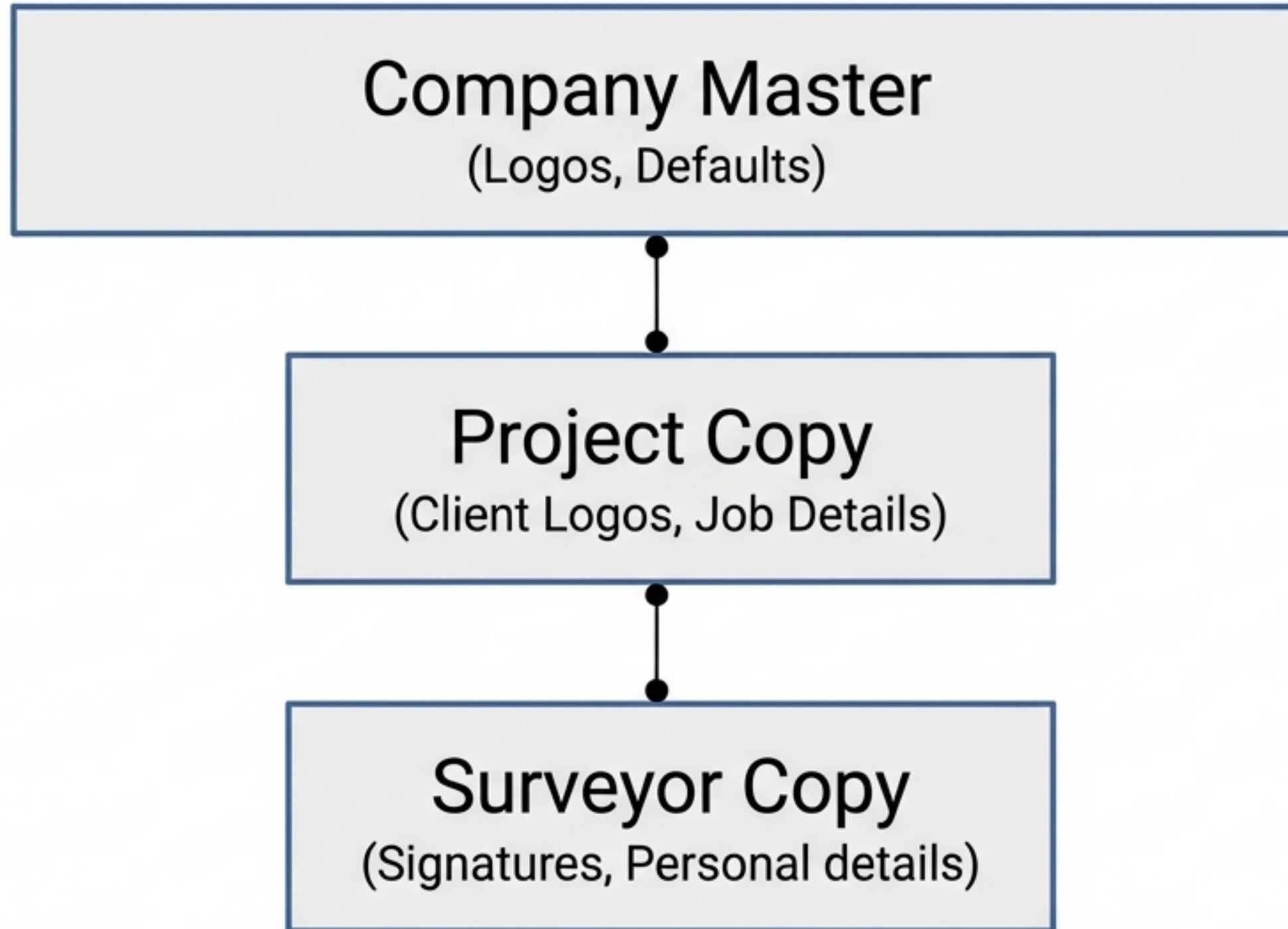
Retain full control over the compiled document structure before export.

- Header Frequency: Every page, first page only, or never.
- Section Management: Toggle 'Include' for specific data sheets or covers.
- Page Breaks: Manually insert breaks to control document flow.

One click to Construct Final Report.



Implementation & Best Practices



Workflow: One Spreadsheet per Report. **Always use a fresh copy** to prevent accidental overwrites.

Licensing: Subscription-based. Simply place the company licence file in the folder to **enable imports**.

Elevate Your Standard

Inter Tight Clean

Professional formatting that respects your brand.

Inter Tight Consistent

Standardised output across all staff.

Inter Tight Controllable

Live data editing and flexible presentation presentation.

Stop fighting formatting. Start reporting.

Contact GeoVector for your two-week free trial.
Custom development services available for non-standard logic.