

VBA Macro Refinement Tips

CHAT-0396 / REV EXPORT-03 / 2026.04.07

A conversation-specific public summary of vba macro refinement tips, distilled from the supplied export. The detailed excerpts remain available in the released note file.

STATUS	RECOVERED / SPECIFIC NOTE
CLASSIFICATION	SYS
MATERIAL	CHAT EXPORT / BUILD & TOOLS
DISPOSITION	PUBLIC CONVERSATION EXCERPTS / REDACTED
CATEGORY	Build & Tools
RECORD TYPE	build-thread

TECHNICAL NOTES

Conversation-specific knowledge extracted from the vba macro refinement tips discussion.

CONVERSATION / QUESTION AND CONTEXT

I have a SolidWorks VBA macro that: - Builds multi-sheet drawings from configurations - Creates process-based sheets (WATER JET, PRESS BRAKE, FINAL PRINT, etc.) - Generates drawing notes per configuration - Uses a drawing template with title block links
Current issues: - Sheet title not updating correctly - Notes placement/formatting still slightly off - Extra sheets not deleting reliably - Want notes independent from views (not attached) I already have working code but need refinement, not a rewrite.

CONVERSATION / EXTRACTED GUIDANCE

1. Sheet title is being driven by the template/title block, but the sheet isn't being told which view/config it should pull from.
2. Notes are being inserted while a view is active/selected, so they end up behaving like they belong to the view.
3. Unused sheets are being deleted while the sheet list is changing, which makes deletion unreliable.
4. Note width/wrapping is not being forced after insertion, so long notes keep creeping downward instead of staying in your intended note zone.
5. Use this pattern after the sheet is created and after the model view for that sheet exists:
6. Set `swSheet = swDraw.GetCurrentSheet`
7. Set `swView = swDraw.GetFirstView 'sheet object view`

8. Linked title block note -> set `CustomPropertyView`

SPECIFICATION

SOURCE	Supplied ChatGPT export
CATEGORY	Build & Tools
CONVERSATION	23 user turns / 25 assistant turns
ATTACHMENTS	99 references detected
PUBLIC DETAIL	Extracted knowledge + excerpts

DEVELOPMENT HISTORY

2026.04.07 / EXPORT-04

Matched to the supplied export; key guidance is surfaced separately and the raw transcript remains unpublished.

RELEASED MATERIAL / SOURCE LINKS

CHAT-0396-public-note.txt

PUBLIC-SAFE CONVERSATION NOTE / UNIQUE FILE

<https://u225x.com/downloads/chat-records/CHAT-0396-public-note.txt>

RETURN TO THE LIVING RECORD

VBA Macro Refinement Tips

This PDF preserves the public notes at this revision. Visit the record for updates and attached images.

<https://u225x.com/record/CHAT-0396>