

Review Form 3

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_128257
Title of the Manuscript:	Rebar Modeling of Variable Section Specially Shaped Columns Based on BIM—Taking L-shaped columns as an example
Type of the Article	Review Article

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	The paper targets a specific issue in rebar modelling within the construction industry using BIM technology. The integration of Revit API with secondary development using C# is fairly-detailed	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	This section is not well composed there is problem flow and connecting the notes of the article problem statement. The author should take time to revisit the abstract. The following should be taking into consideration: Problem statement Methodology Findings/Result Practical implication	
Is the manuscript scientifically, correct? Please write here.	The manuscript will gain more from providing citation to each evidence provided, more recent quality peer reviewed articles should be considered. The methodology section is not well defined as the authors failed to clearly state the method adopted as a review paper, this is very important. What kind of review	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Some important articles are missing.	

Review Form 3

<p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The paper with benefit from language editing, there are lots of typo errors and inconsistencies in the flow of the sentences across the paper.</p>	
<p>Optional/General comments</p>	<p>The abstract is descriptive but could benefit from clearer articulation of the research significance and outcomes. A sentence summarizing the implications for industry practitioners would add value</p> <p>Introduction: While it introduces BIM well, it could better connect the specific problem of variable-section rebar modelling to industry challenges, such as cost savings or error reduction.</p> <p>Calculations and Model Generation: While detailed, this section might overwhelm readers unfamiliar with rebar modelling. Consider summarizing complex mathematical formulations and directing readers to an appendix for detailed calculations.</p> <p>Figures and Tables: Ensure all figures and tables are numbered sequentially and referenced in the text, also make you of more detailed figures to enhanced the manuscript quality.</p> <p>The discussion could delve deeper into the implications of the findings. For example, how does this method impact project timelines or labor requirements? Author needs to consider systematic principle for the review methodology.</p>	

PART 2:

	<p>Reviewer's comment</p>	<p>Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i></p>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

<p>Name:</p>	<p>James O. Toyin</p>
<p>Department, University & Country</p>	<p>Auburn University, USA</p>