Guide for Executing Opticutter Input File Generator Script

1. Open Wall Assembly or Ceiling Assembly
2. Select similar insulation parts from the model tree, then select invert selection.
3. Suppress all the other components from the model tree.
4. Select all the available components from the model tree and select "Component Properties". Uncheck the "Exclude from Bill of Materials" option.
5. Go to Insert → Tables → Bill of Materials.
6. Choose the "CONTINOUS INSULATION CUMULATIVE BOM" table template from the following location.

   "FBD\COMMON\FBD Templates"

7. Select "Intended" under BOM Type and make sure "No numbering" and "Detailed cut list" are selected.
8. Select "OK" to get the table.
9. Modify the table text size to a reasonable size like 12.
10. Save the table in .xlsx format.
11. Check the exported Excel document with the Customer Drawing set for mismatches.
12. Also make sure all the dimensions are in fractional values.
13. Run the "OPTICUTTER_INPUT_FILE_GENERATOR_FOR_INSULATION" Script available in the following Dropbox location.

    "Dropbox\FBD\IMP E-Mails and Information\STANDARDS\FORMATS\Construction material BOM\WIP"

14. Under the "Project Name" field, write the desired name for the BOM. (Note: This name will be used for saving the Output files.)
15. Choose the suitable Raw Material and click "Upload BOM Spreadsheet" Button.
16. Browse for the extracted Excel file from Step-10 and click open.
17. A new window will open with all the available file names and an entry field adjacent to it. Write a suitable label for each part. (Note: The label should be maximum of 3 characters).
18. After labels are entered for each part, click the "Submit" button.
19. If you receive "Successfully Generated Files. Exiting Script." Pop-up. You can find the opticutter input files saved in the csv format under the following name format.

    *XXXXXX*_Insulation_OpticutterParts_(*YYYYMMDD*)-*X*

20. Now go to https://www.opticutter.com/cut-list-optimizer and change the units to "Fractional inches (15 3/4").
21. Click the "Import" button and select "Import from CSV" option.
22. Select "Choose File" and open the csv file generated by the Script.
23. You can see all the required details are filled out on the form.
24. Click calculate and download the result.
25. Repeat Steps-20 to 24 if you have more than one file.
26. Review the output files from the opticutter.