**Chromic5 Intent**

**Info received**

1. System Builder 🡪 Conga 🡪 Populates Excel Template (Contains roof data and system specifications)
2. .Genesis file 🡪 (Contains wireframe, array configurations, and roof data)
   1. Illustrate wire frame and layout in Acad, make blocks of arrays, place roof ID’s.
   2. Intake roof data; roof ID, pitch, orientation, quantity.

**Automated Processes:**

**Full Set / Revision**

* Compare roof information from system builder and genesis identifying any discrepancies
* Create roof schedule with roof data to be placed in acad model space
* Illustrate Wireframe, Module arrays / blocks, roof id’s
* Keep roof id’s from rotating when wireframe is rotated.
* Update dynamic block visual states for equipment
* Allow quick customization of roof blocks
* Update command to bring in latest information from excel to acad DWG props and update tables
* Plot command triggers saving a snapshot of equipment specifications from blocks within acad and roof information. Stores the plans specifications snapshot so that it can be compared against future drawing revisions.

**Final Plan Revision**

* Same as above +
* “Last Plan set sent to Township” received from applications via salesforce, design object, conga, update excel sheet.
* Compare “Last Plan set sent to Township” drawing revision snapshot information with current info and then list differences in acad. Currently programs update the visual state of dynamic blocks within acad which make up the revision card.

\*\*\*Note: During plan set updates and final plan set revisions a designer will commonly manually update the existing roof and array illustration in acad to maintain additional details. Likewise, excel sheet updates may be made manually, as opposed to using conga to update excel.

Output:

* Full Plan Set
* Revision Card identifying changes between the final plan and the “Last Plan Sent to Township”