



genesisplus+

2018



AUTOSHOP DRAWINGS

Module 2: Exporting Cad Drawings

LEVEL: INTERMEDIATE

Genesis Release 18

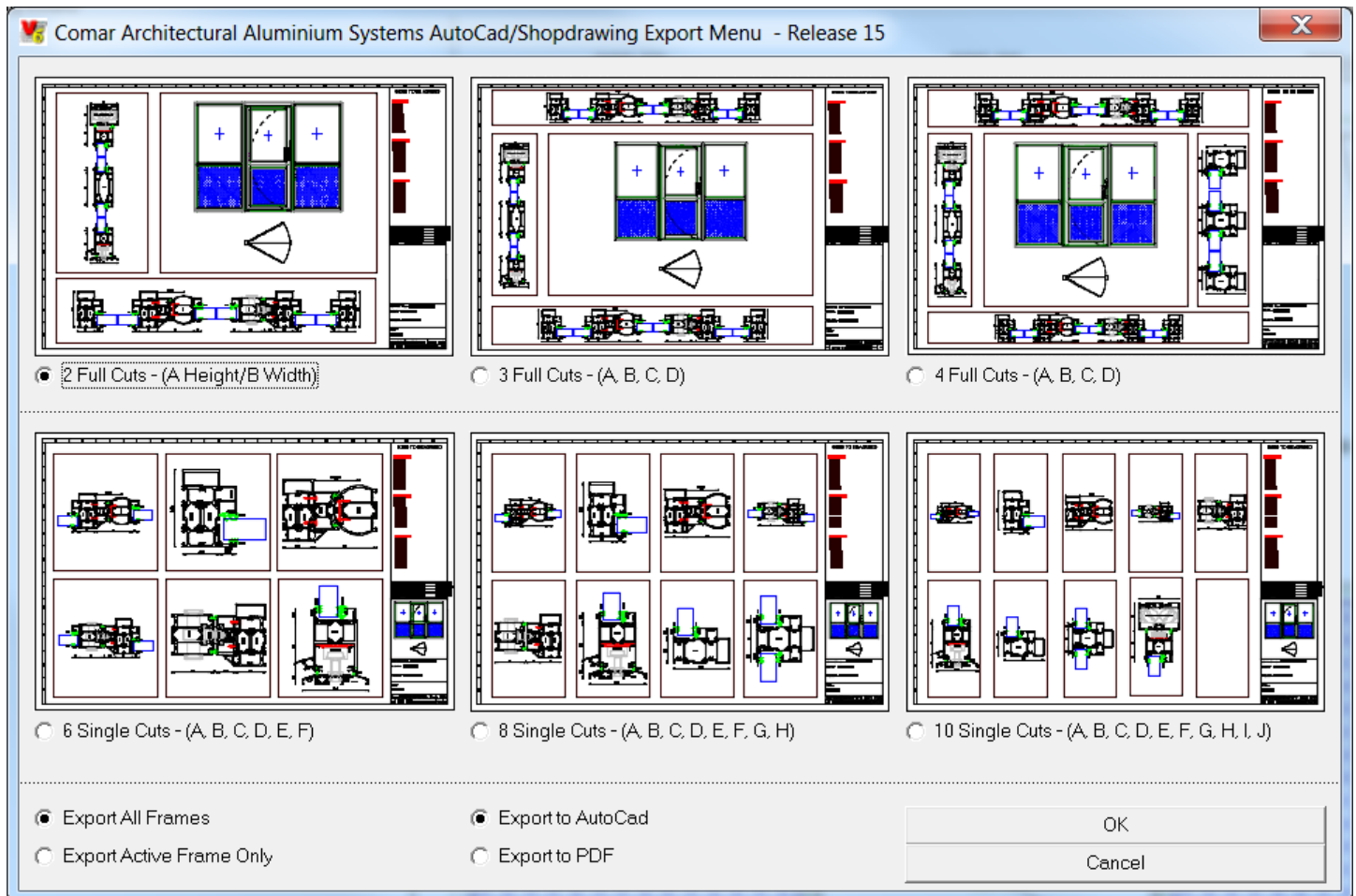
TEMPLATES AND AUTO SHOP MENU

AFTER BUILDING SOME FRAMES WE CAN USE THE FOLLOWING FUNCTION TO PRODUCE CAD DRAWINGS THE NEXT THING THAT WE NEED TO DO IS CREATE THE SECTION THROUGHS THAT WE WILL BE USING IN THE AUTOSHOPDRAWINGS. WE HAVE PRESET SOME TEMPLATES WITH A DIFFERENT QUANTITY OF CUTS ON THEM.

THEY ARE ACCESSED WHILST WITHIN THE QUOTE USING THE BUTTON AS SHOWN



WE CURRENTLY HAVE 6 TEMPLATES PRE SET AND THESE HAVE DIFFERENT QUANTITY OF CUTS ON THEM.



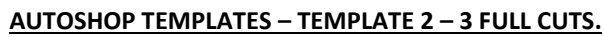
IT IS IMPORTANT TO FOLLOW THE ORDER OF THE CUTS AS THE SOFTWARE WILL USE THESE TO PLACE THEM ON THE DRAWING.

COMAR CAN CUSTOMISE THESE BASED ON YOUR OWN CAD TEMPLATE AND WE MAY BE ABLE TO PLACE OUR CUTS ON YOUR TEMPLATES AND IMPORT THEM INTO THE SOFTWARE. PLEASE CONTACT SIMON HARVEY ON SIMONH@PARKSIDEGROUP.CO.UK TO DISCUSS THIS OPTION.

A CAD PROGRAM OR FREE CAD VIEWER IS REQUIRED IN ORDER TO SEE THE AUTOCAD OPTION, THERE IS ONE OF THE GENESIS RELEASE 16 USB IF YOU REQUIRE ONE.

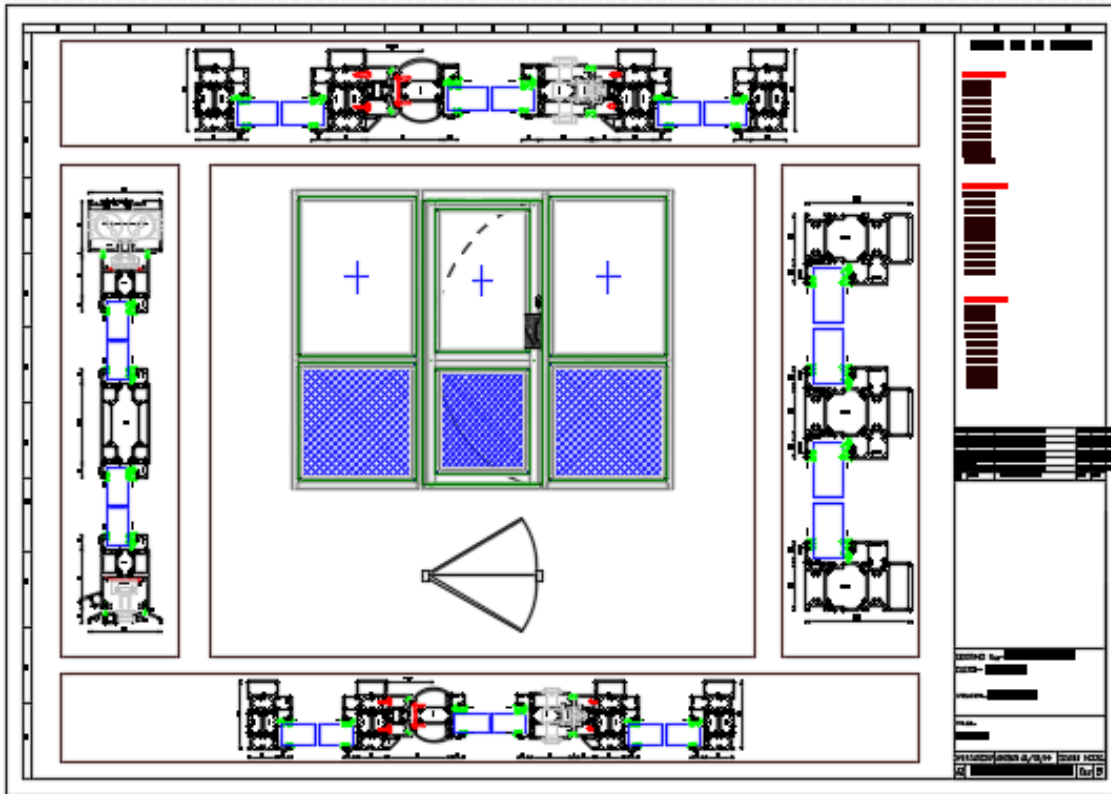
THERE IS ALSO A STRAIGHT TO PDF VERSION ON THE MACRO, HOWEVER THIS DOES NOT ALWAYS WORK ON ALL VERSIONS OF PDF SO ITS ADVISABLE TO SAVE YOUR QUOTE BEFORE TRYING THAT OPTION.

TO USE THIS TEMPLATE EVERY FRAME MUST HAVE A FULL HEIGHT VERTICAL (CUT A) AND A FULL WIDTH HORIZONTAL (CUT B).

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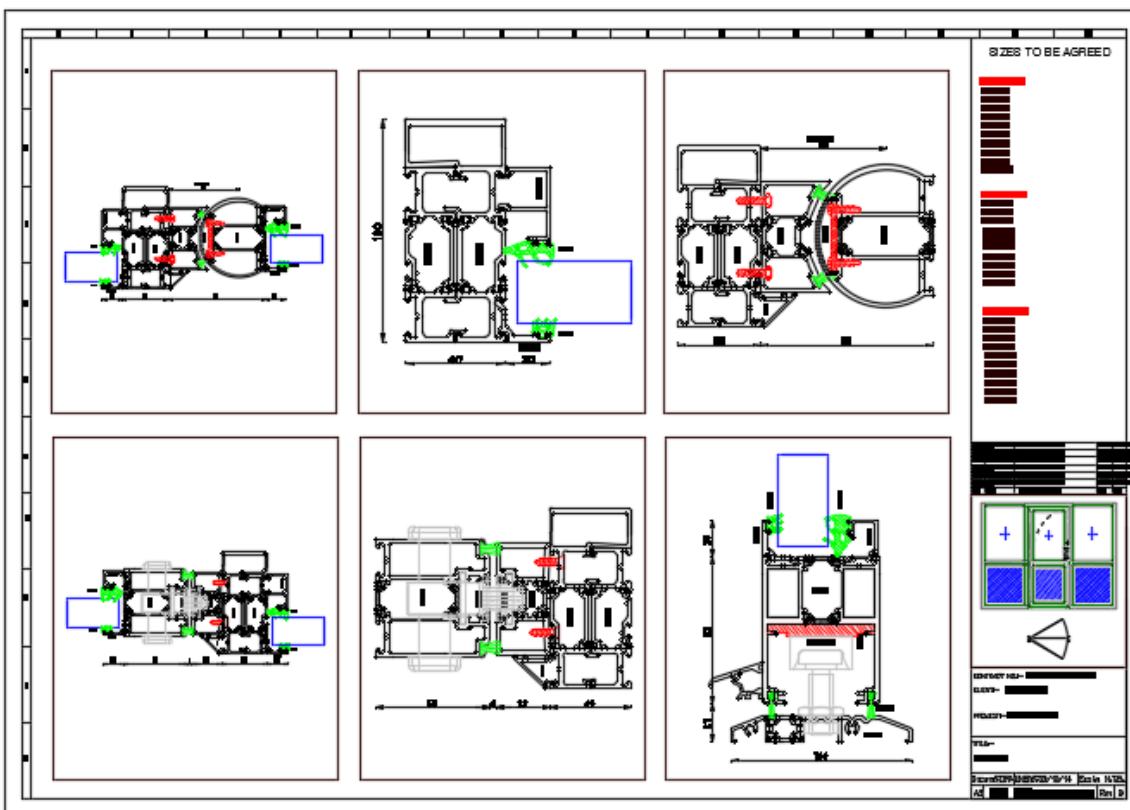
AUTOSHOP TEMPLATES – TEMPLATE 3 – 4 FULL CUTS.

TO USE THIS TEMPLATE EVERY FRAME MUST HAVE A FULL HEIGHT VERTICAL (CUT A) AND A FULL WIDTH HORIZONTAL (CUT B) AND THEN ANOTHER FULL HEIGHT VERTICAL (CUT C) ANOTHER FULL WIDTH HORIZONTAL (CUT D).



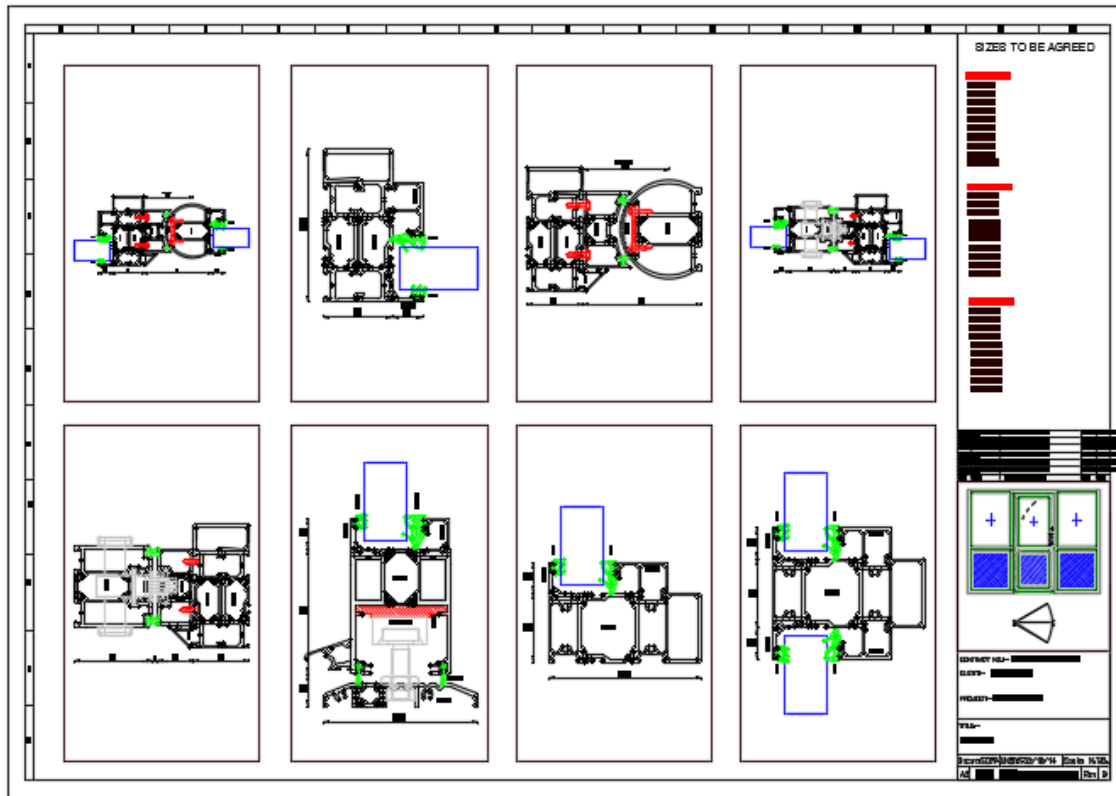
AUTOSHOP TEMPLATES – TEMPLATE 4 – 6 SMALL DETAIL CUTS.

TO USE THIS TEMPLATE EVERY FRAME SHOULD HAVE 6 EITHER SINGLE HEIGHT VERTICALS OR 6 HORIZONTALS OR A MIXTURE OF THEM BOTH. THEY CAN BE IN ANY ORDER THAN YOU WANT BUT WILL BE CUTS A,B,C,D,E AND F



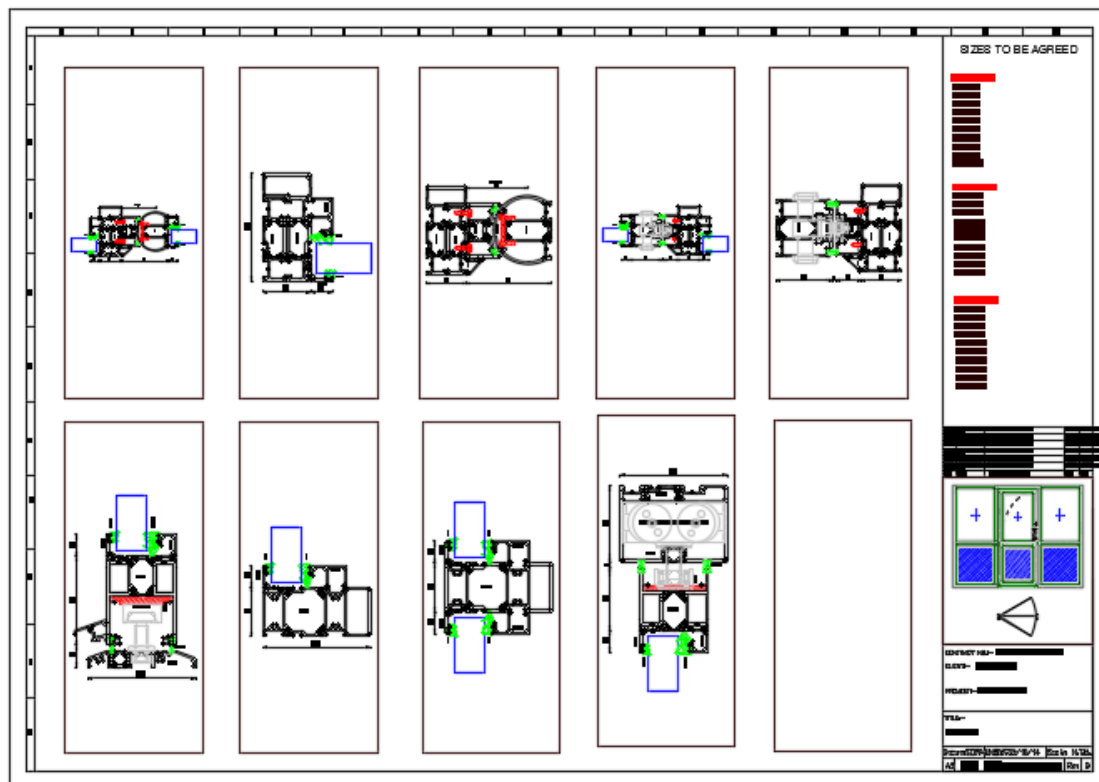
AUTOSHOP TEMPLATES – TEMPLATE 5 – 8 SMALL DETAIL CUTS.

TO USE THIS TEMPLATE EVERY FRAME SHOULD HAVE 8 EITHER SINGLE HEIGHT VERTICALS OR 8 HORIZONTALS OR A MIXTURE OF THEM BOTH. THEY CAN BE IN ANY ORDER THAN YOU WANT BUT WILL BE CUTS A,B,C,D,E,F,G AND H



AUTOSHOP TEMPLATES – TEMPLATE 6 – 10 SMALL DETAIL CUTS.

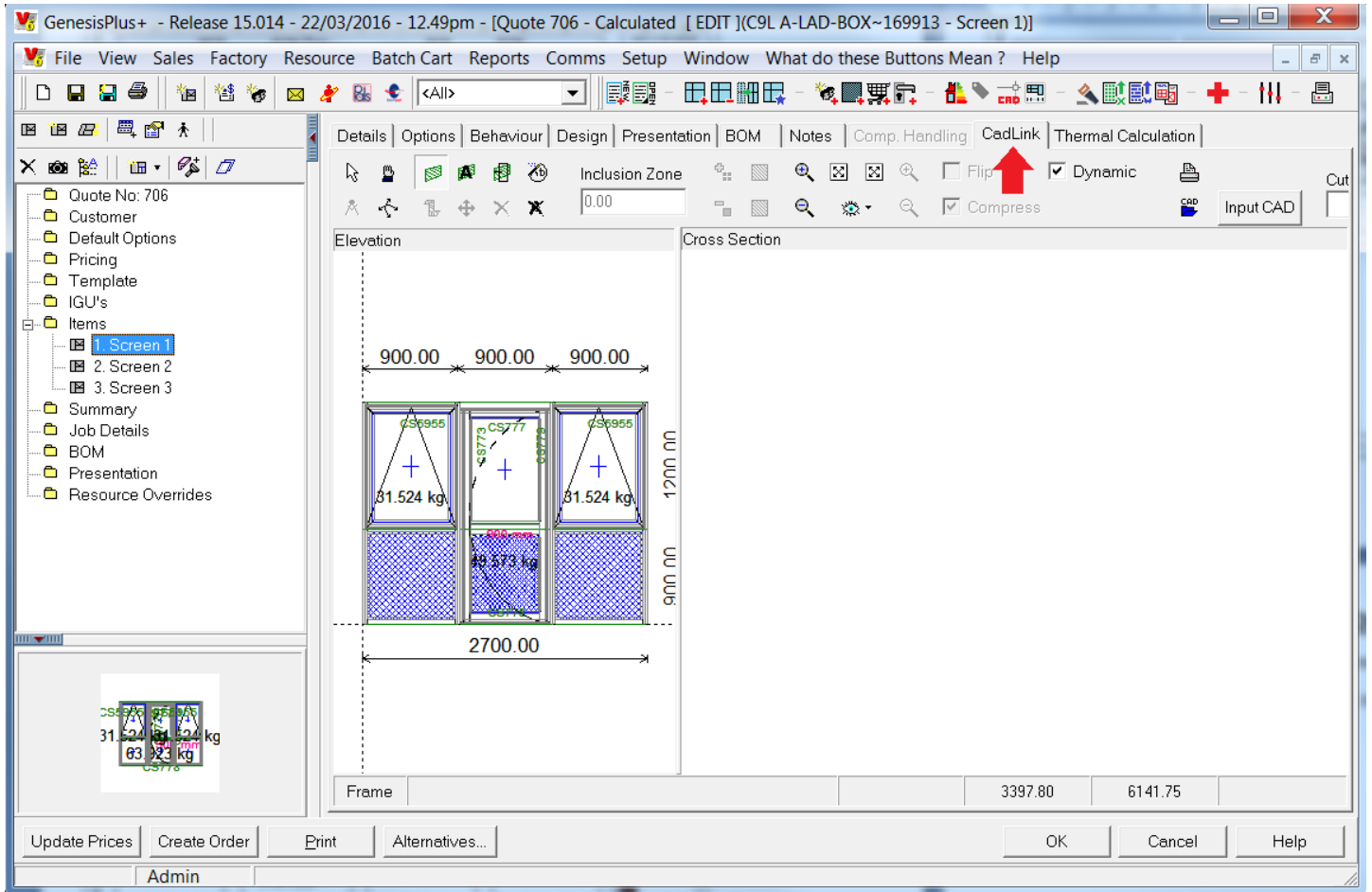
TO USE THIS TEMPLATE EVERY FRAME SHOULD HAVE 10 EITHER SINGLE HEIGHT VERTICALS OR 10 HORIZONTALS OR A MIXTURE OF THEM BOTH. THEY CAN BE IN ANY ORDER THAN YOU WANT BUT WILL BE CUTS A,B,C,D,E,F,G,H,I AND J



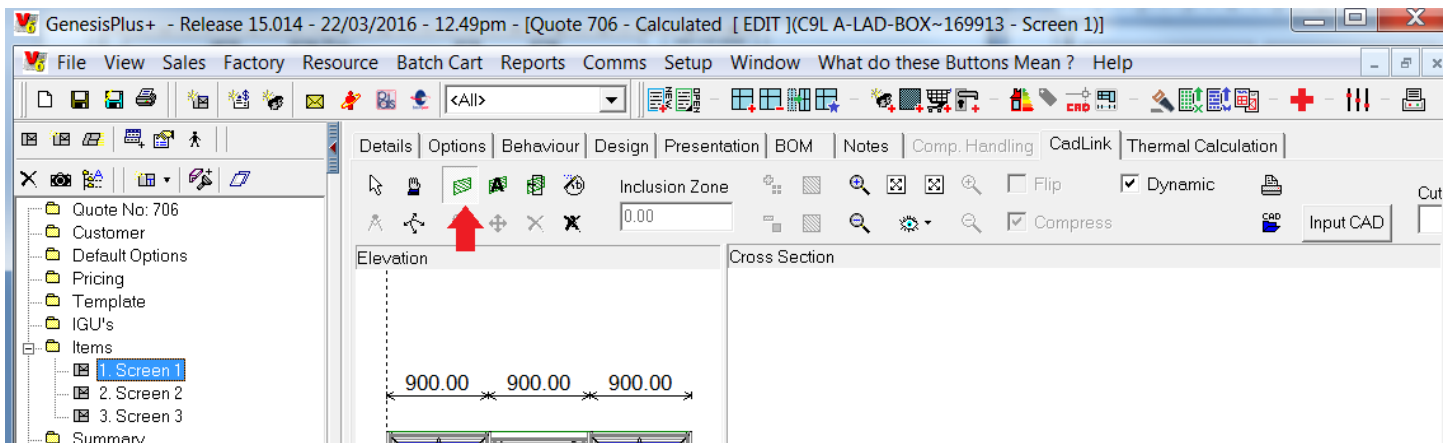
CREATING SECTION THROUGH DRAWINGS VIA CADLINK

ONCE YOU HAVE CREATED A FEW FRAMES WE CAN CREATE CAD LINK DRAWINGS.

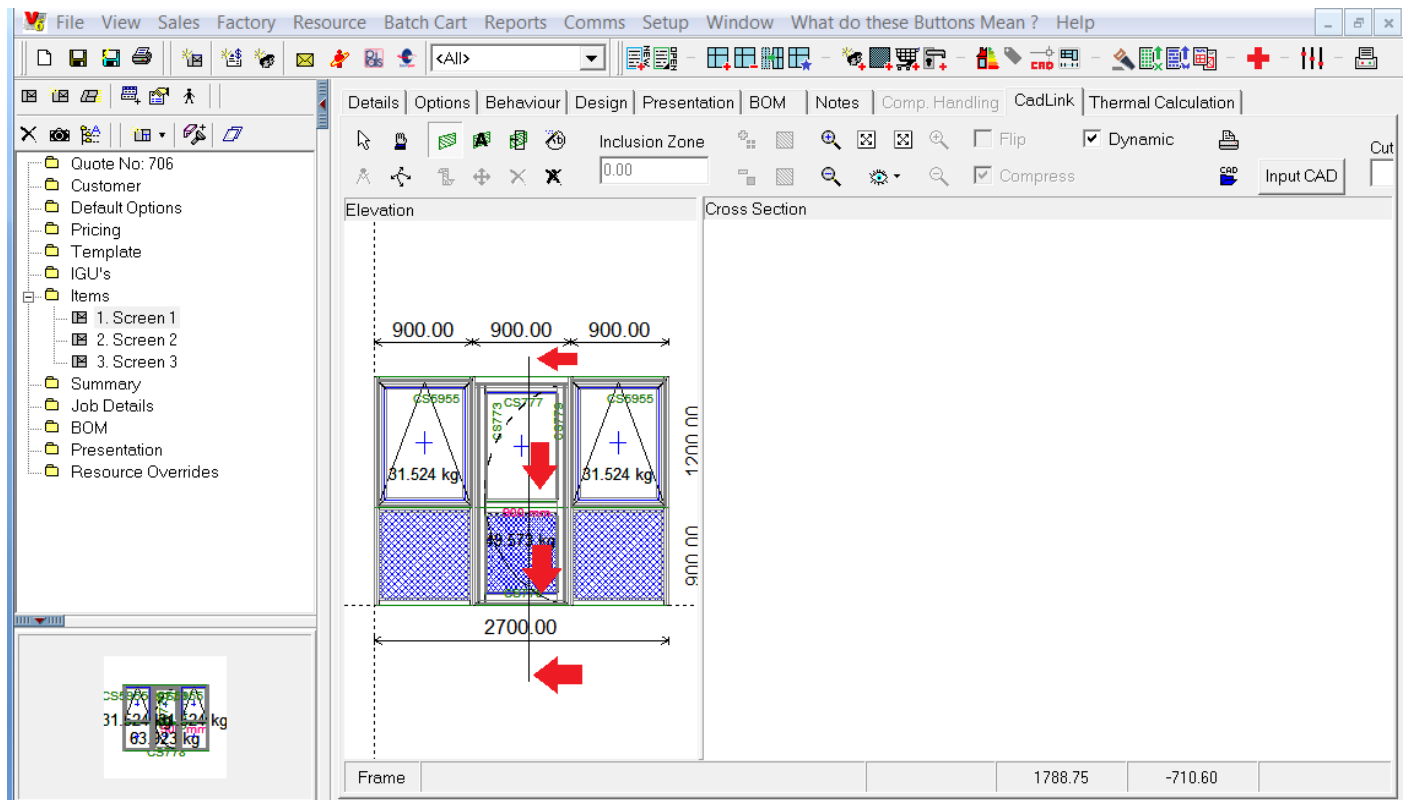
IN MY EXAMPLE I WILL BE USING TEMPLATE 3 WHICH HAS 4 FULL CUTS. I WILL BE USING THREE FRAMES AS AN EXAMPLE. HIGHLIGHT FRAME 1 AND THEN GO TO CADLINK AS SHOWN BELOW.



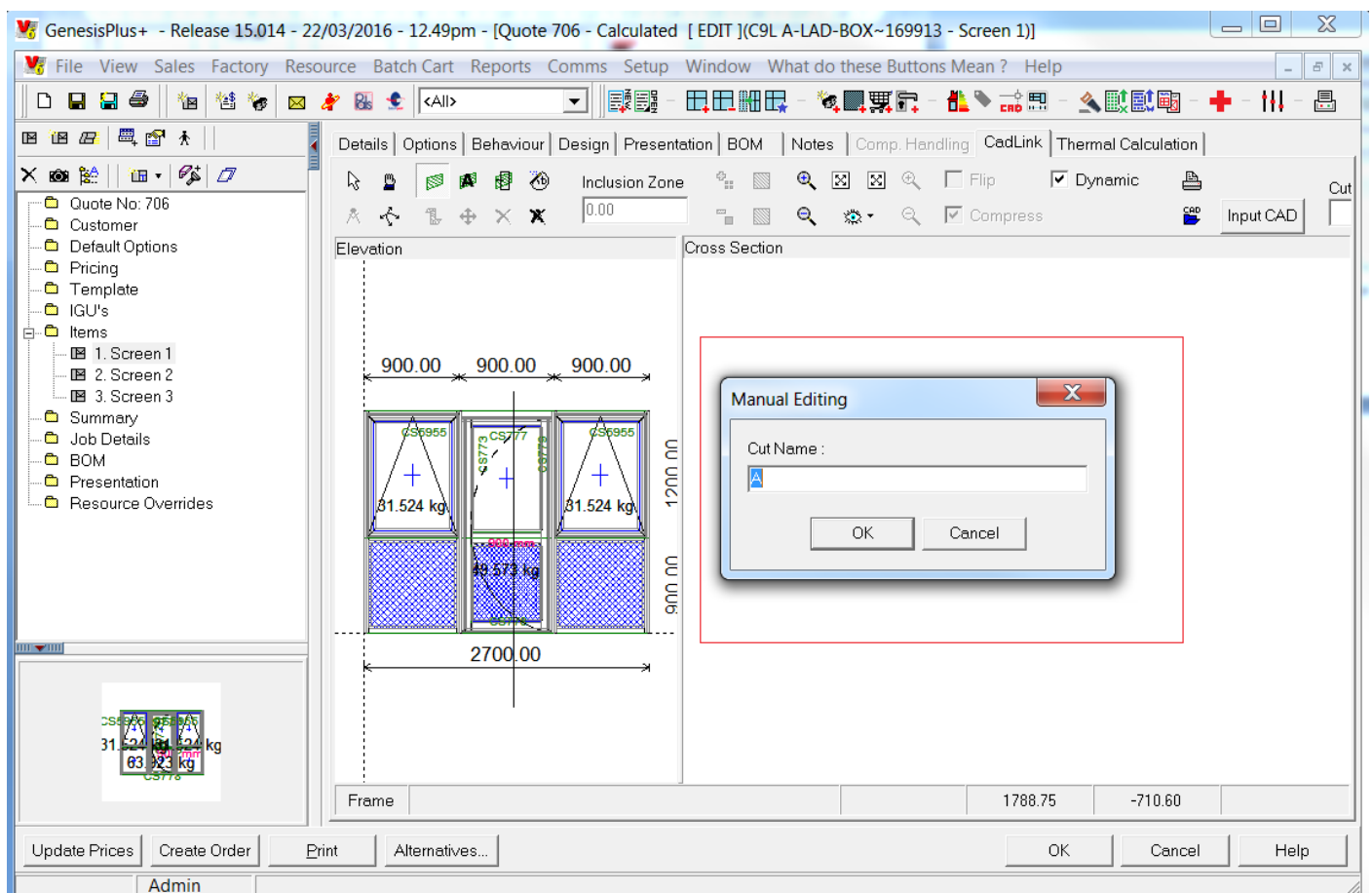
TO CREATE THE CUT DRAWINGS WE FIRST NEED TO MAKE SURE THAT THIS BUTTON IS HIGHLIGHTED. AS A DEFAULT ON ENTRY THIS SHOULD ALREADY BE THE CASE BUT CLICK ONTO IT ANYWAY TO BE SURE.



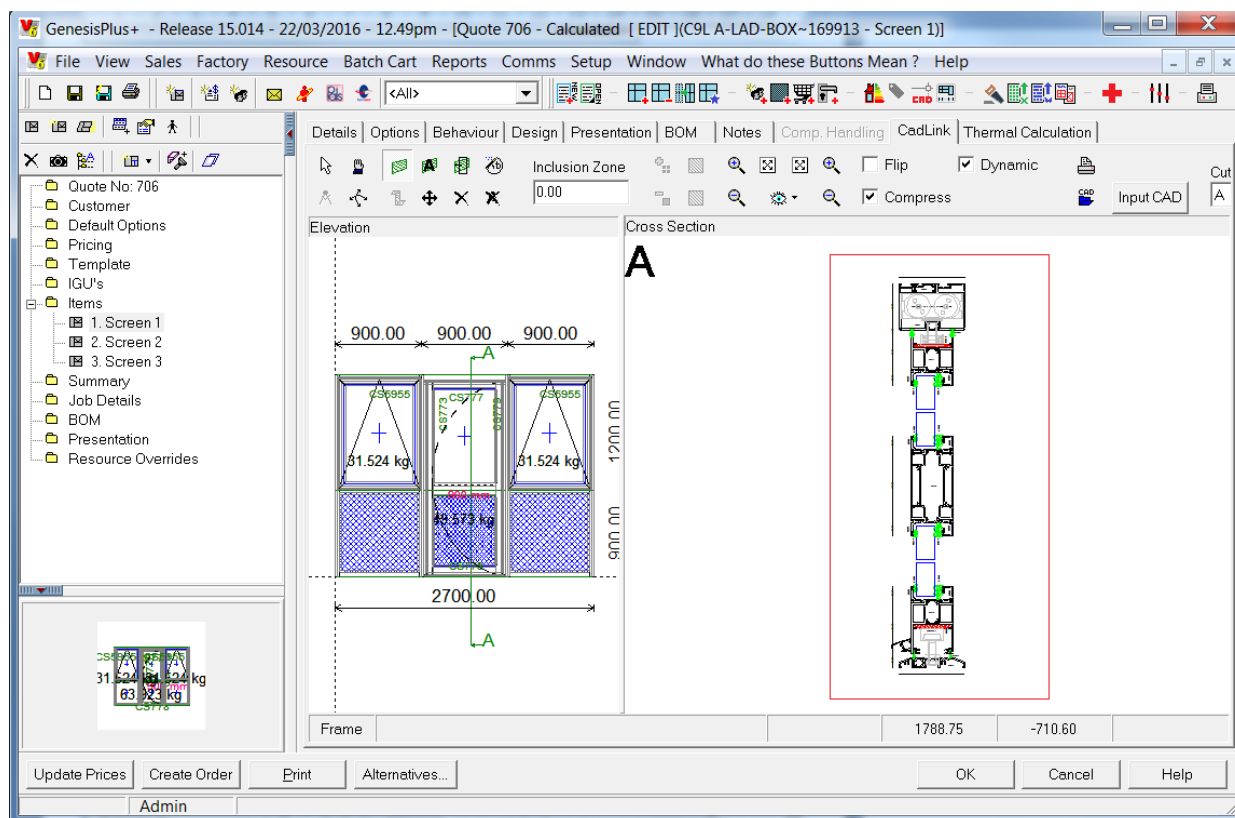
USING YOUR MOUSE, POINT IT TO JUST ABOVE THE TOP OF THE FRAME (AS SHOWN BELOW) AND THEN DRAG THE MOUSE (WITH THE BUTTON STILL CLICKED) IN A FLUID MOTION DOWN UNTIL YOU GET TO BELOW THE FRAME AND THEN LEFT GO OF THE MOUSE BUTTON



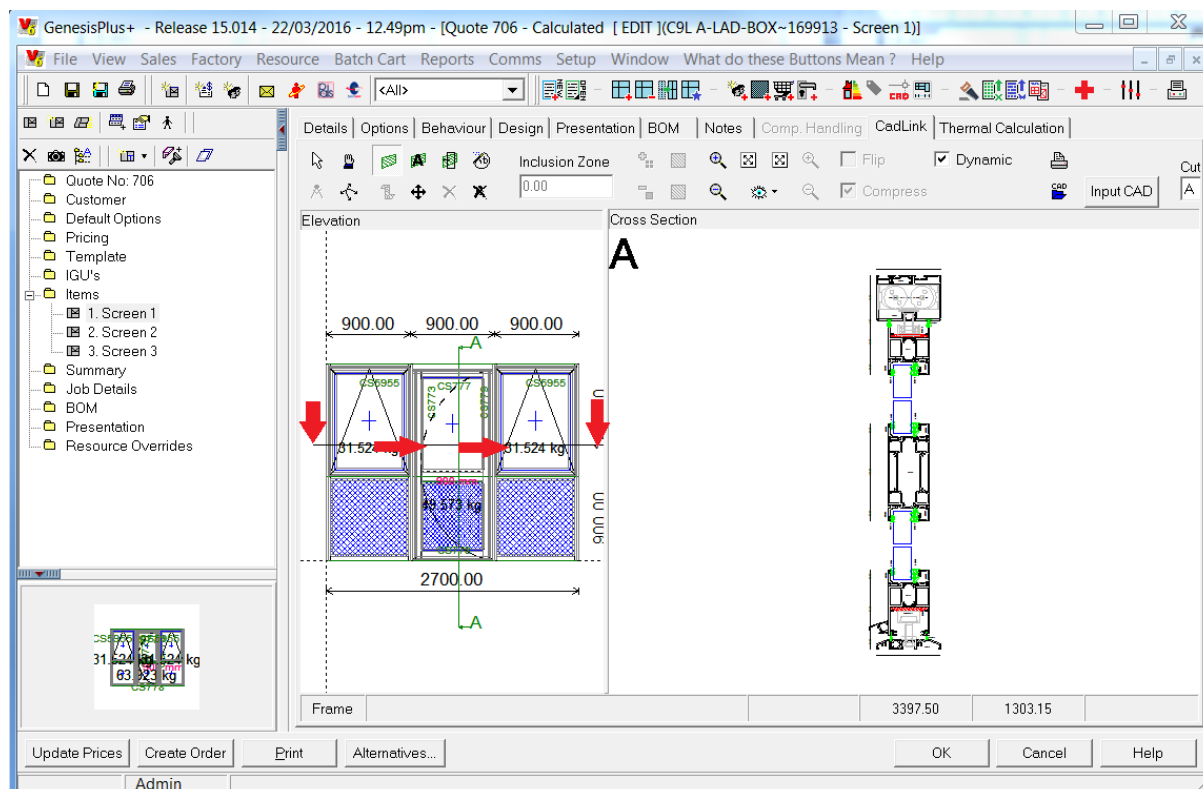
NOW A NEW BOX SHOULD COME UP INDICATING THAT IT HAS CREATED A SECTION THROUGH CALLED CUT "A". DO NOT CHANGE THIS NAME AS IT WILL BE USED FOR THE AUTOSHOP TEMPLATES. CLICK OK ON THIS BOX.



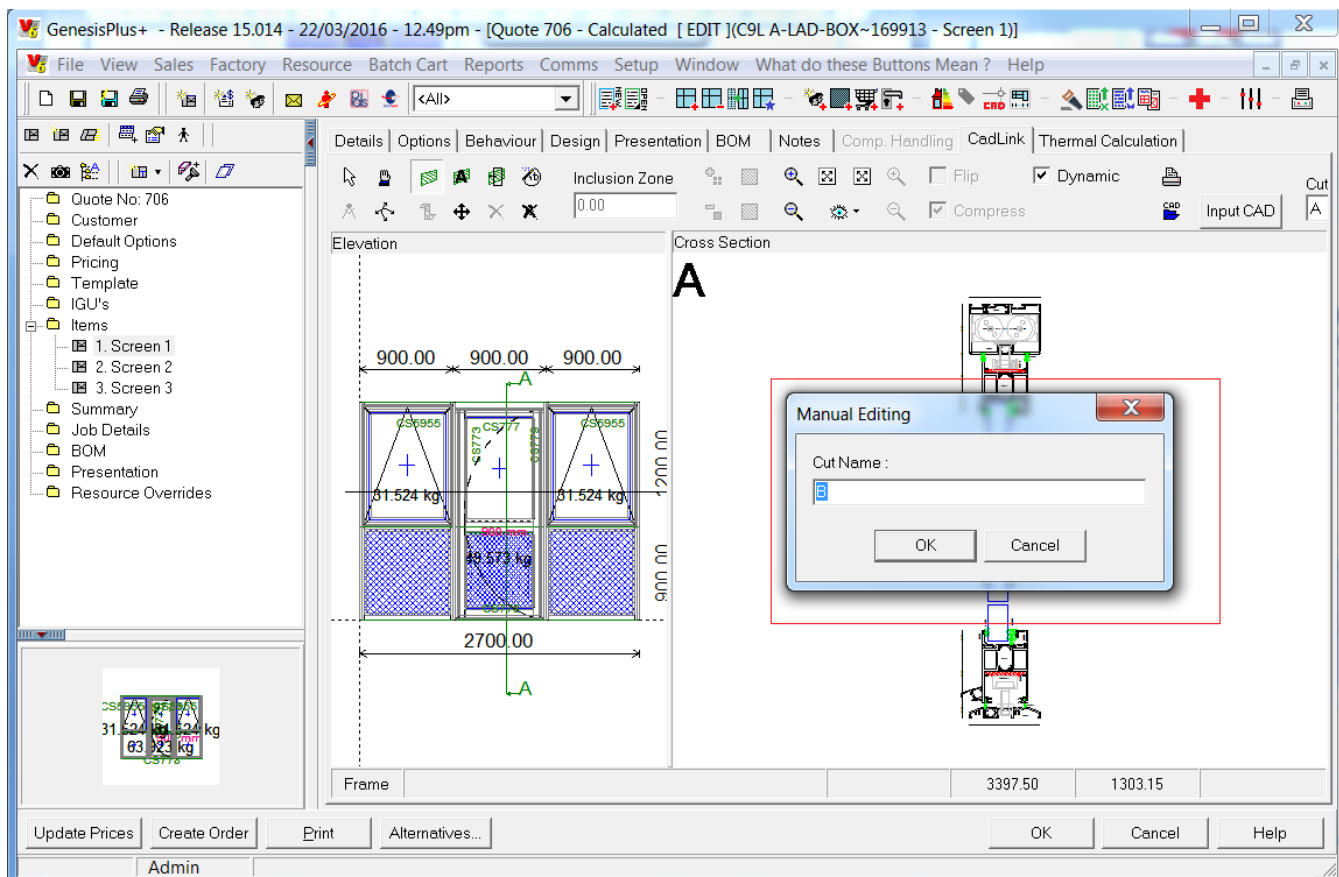
YOU WILL NOW SEE THAT THE DRAWING HAS A CUT A THROUGH THE FRAME (AS SHOWN BELOW) AND ON THE RIGHT HAND SIDE IT HAS SHOWN YOU THE SECTION THROUGH DRAWING.



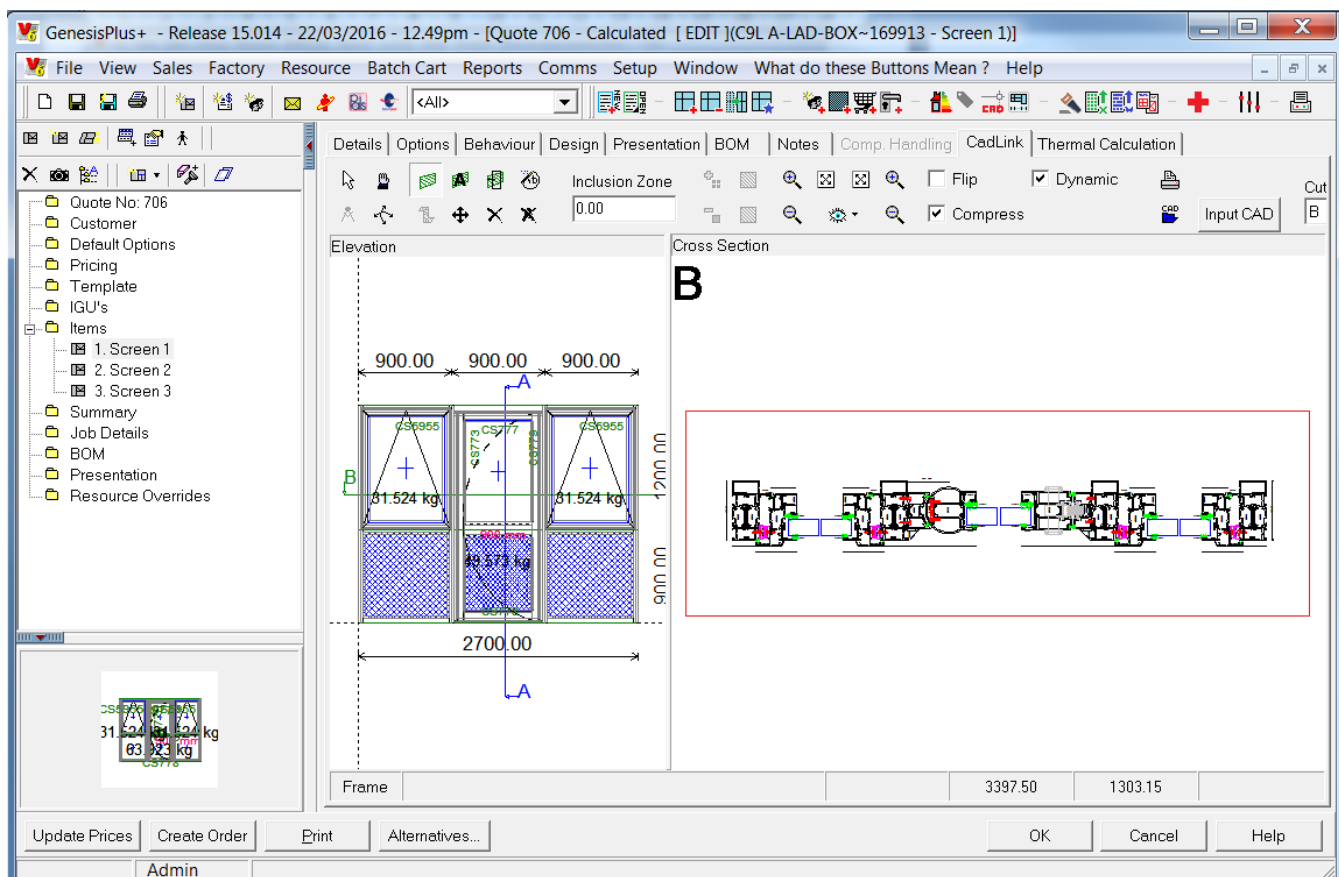
WE NOW NEED TO REPEAT THIS FOR THE WIDTH OF THE FRAME. SO USING YOUR MOUSE, POINT IT TO JUST TO THE LEFT OF THE OUTSIDE OF THE FRAME (AS SHOWN BELOW) AND THEN DRAG THE MOUSE (WITH THE BUTTON STILL CLICKED) IN A FLUID MOTION ACCROSS TO THE RIGHT UNTIL YOU GET TO JUST OUTSIDE THE RIGHT HAND SIDE OF THE FRAME. AND THEN LEFT GO OF THE MOUSE BUTTON



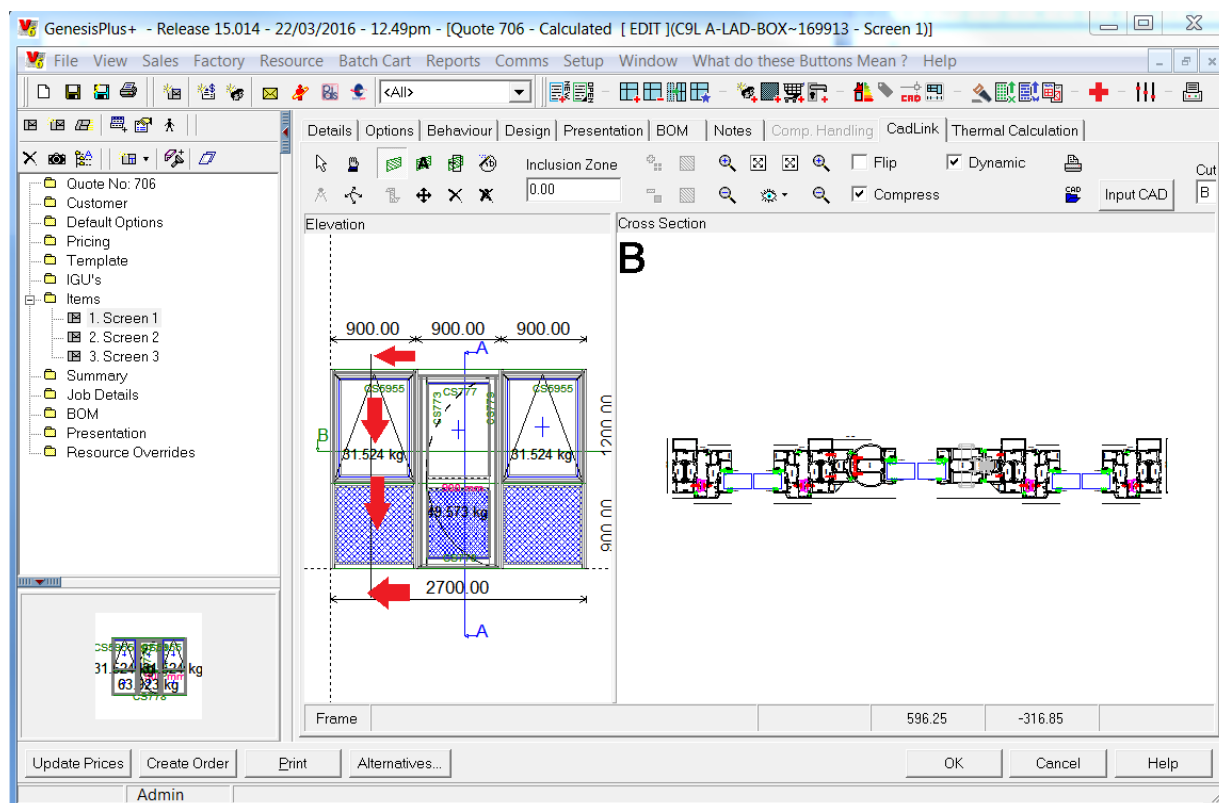
NOW A NEW BOX SHOULD COME UP INDICATING THAT IT HAS CREATED A SECTION THROUGH CALLED CUT "B". DO NOT CHANGE THIS NAME AS IT WILL BE USED FOR THE AUTOSHOP TEMPLATES. CLICK OK ON THIS BOX.



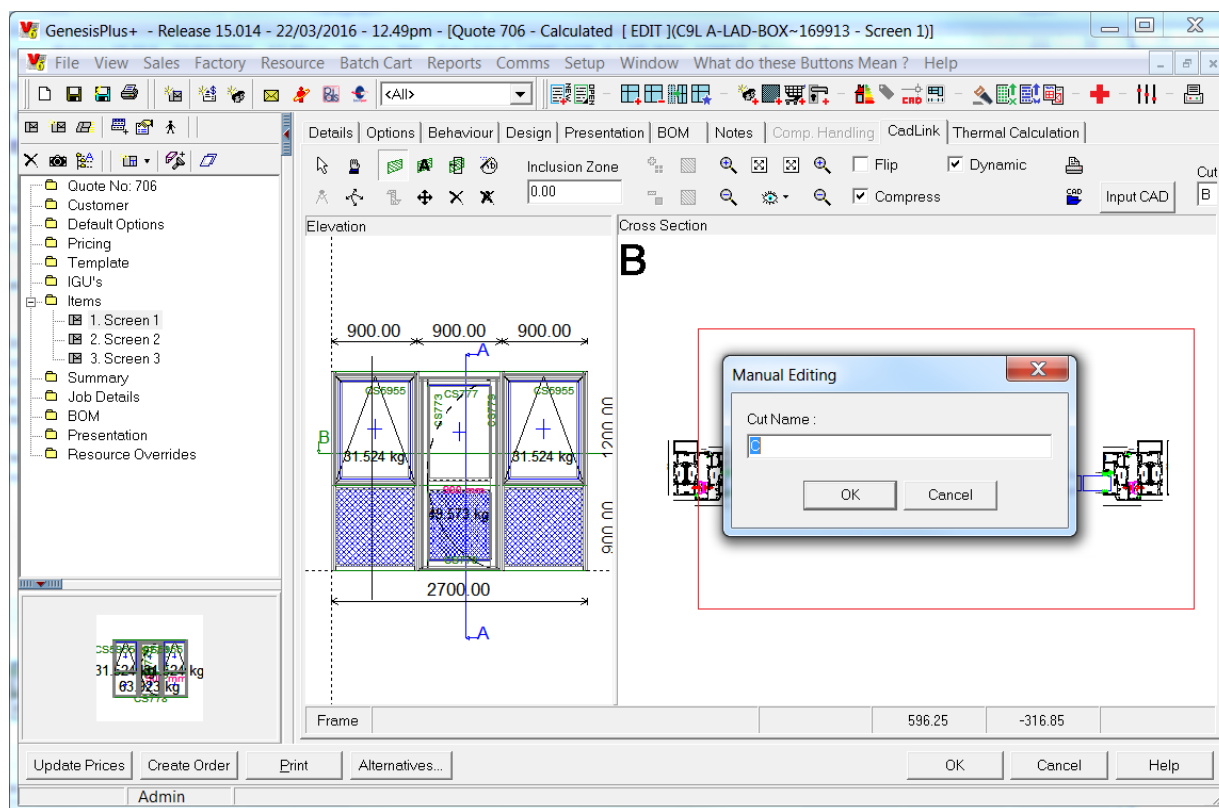
YOU WILL NOW SEE THAT THE DRAWING HAS A CUT B THROUGH THE FRAME (AS SHOWN BELOW) AND ON THE RIGHT HAND SIDE IT HAS SHOWN YOU THE SECTION THROUGH DRAWING.



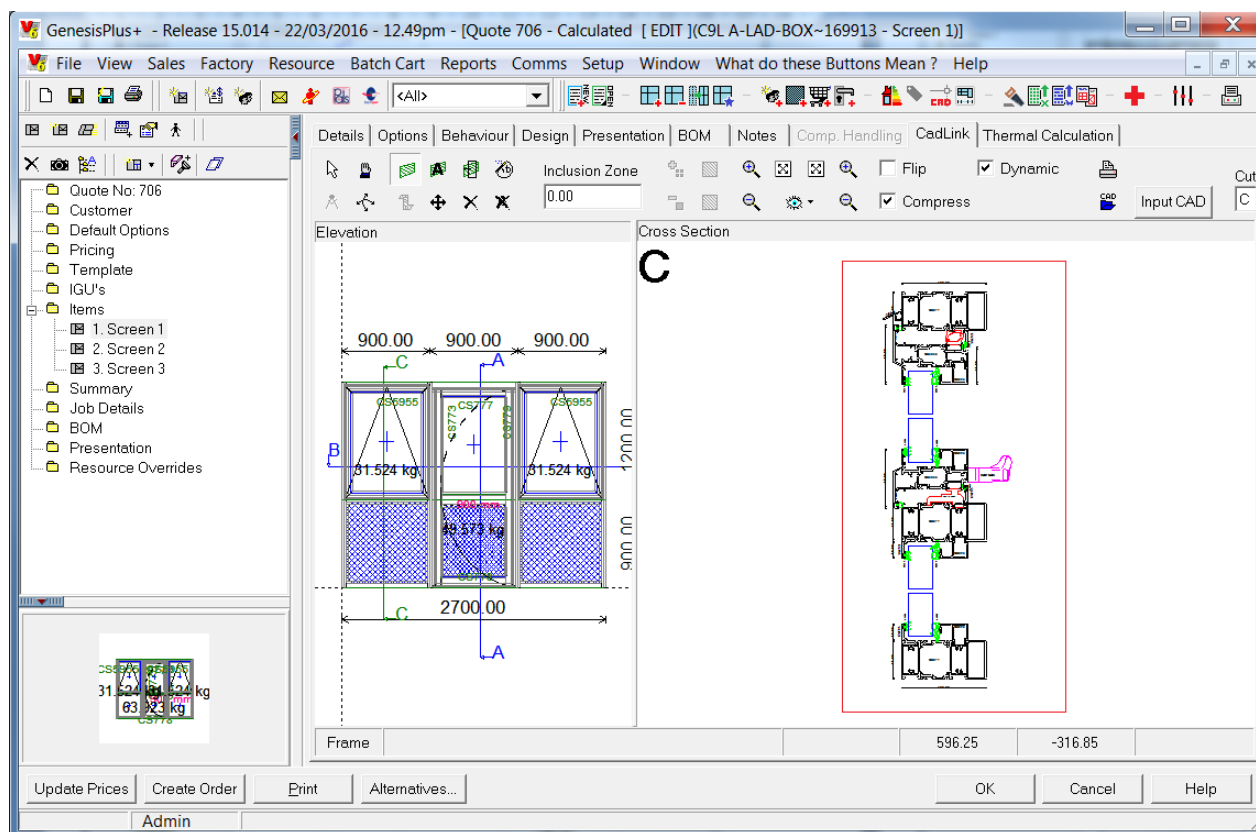
WE WILL NOW BE CREATING A SECOND VERTICAL CUT AND SO USING YOUR MOUSE, CHOOSE A DIFFERENT AREA OF THE FRAME AND POINT IT TO JUST ABOVE THE TOP OF THE FRAME (AS SHOWN BELOW) AND THEN DRAG THE MOUSE (WITH THE BUTTON STILL CLICKED) IN A FLUID MOTION DOWN UNTIL YOU GET TO BELOW THE FRAME AND THEN LEFT GO OF THE MOUSE BUTTON



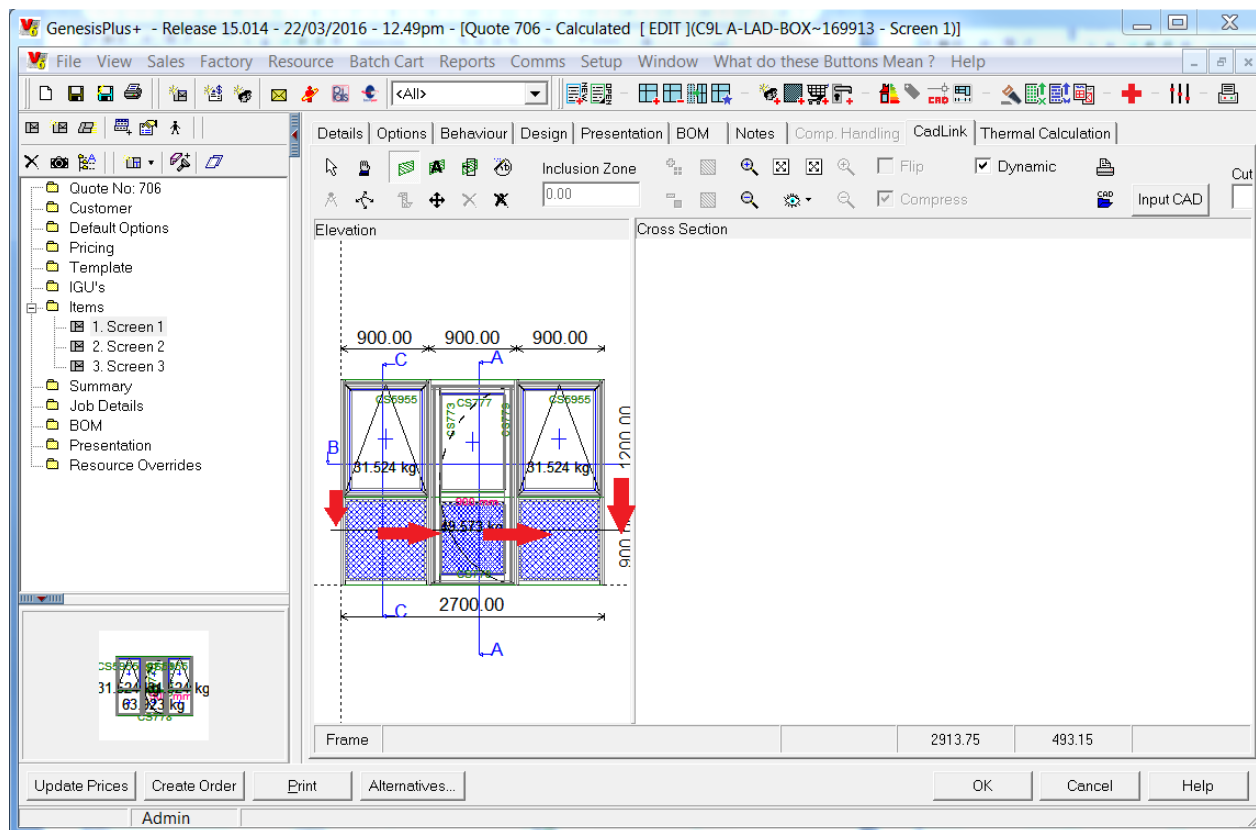
NOW A NEW BOX SHOULD COME UP INDICATING THAT IT HAS CREATED A SECTION THROUGH CALLED CUT "C". DO NOT CHANGE THIS NAME AS IT WILL BE USED FOR THE AUTOSHOP TEMPLATES. CLICK OK ON THIS BOX.



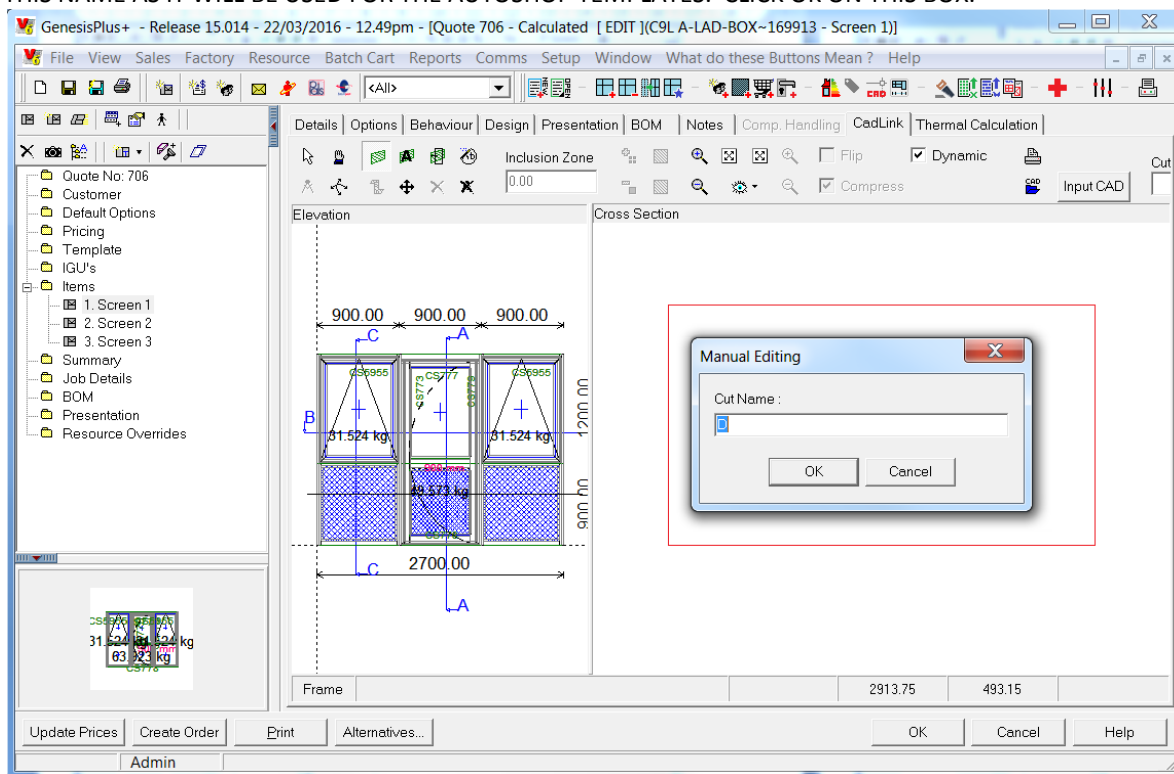
YOU WILL NOW SEE THAT THE DRAWING HAS A CUT C THROUGH THE FRAME (AS SHOWN BELOW) AND ON THE RIGHT HAND SIDE IT HAS SHOWN YOU THE SECTION THROUGH DRAWING.



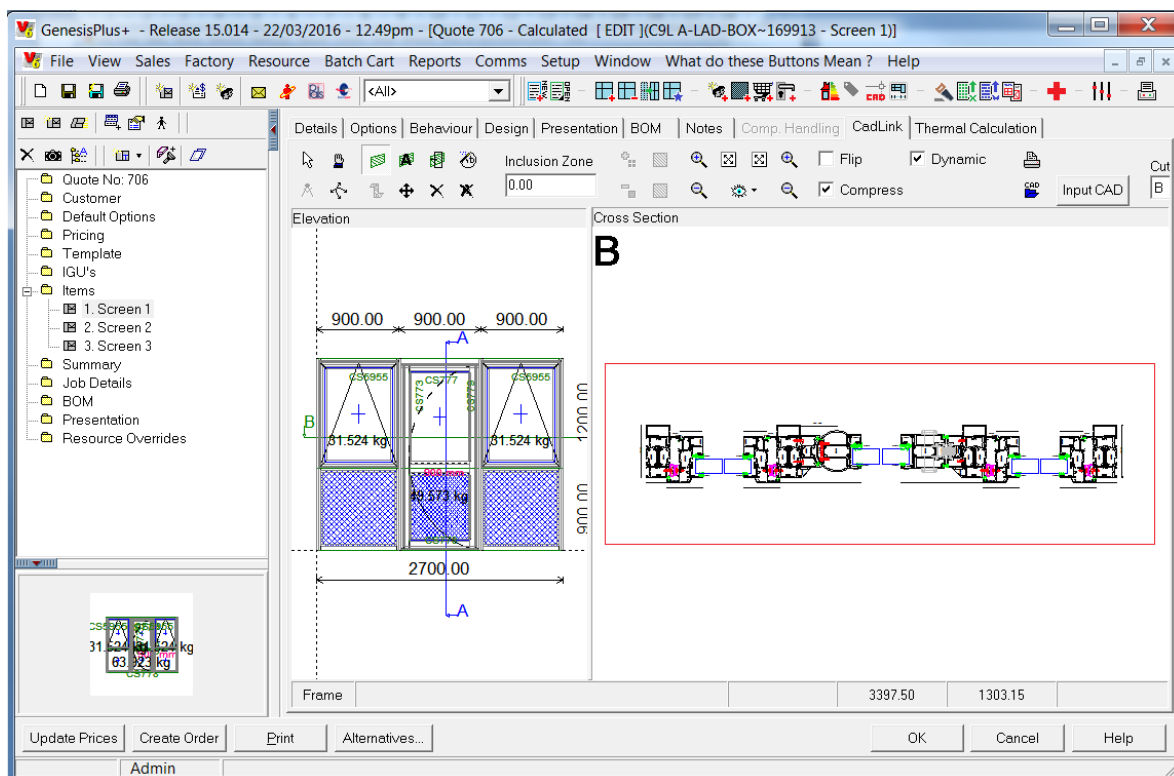
WE NOW NEED TO REPEAT THIS FOR THE SECOND WIDTH SECTION THROUGH OF THE FRAME. SO USING YOUR MOUSE, CHOOSE ANOTHER AREA AND POINT IT TO JUST TO THE LEFT OF THE OUTSIDE OF THE FRAME (AS SHOWN BELOW) AND THEN DRAG THE MOUSE (WITH THE BUTTON STILL CLICKED) IN A FLUID MOTION ACCROSS TO THE RIGHT UNTIL YOU GET TO JUST OUTSIDE THE RIGHT HAND SIDE OF THE FRAME. AND THEN LEFT GO OF THE MOUSE BUTTON



NOW A NEW BOX SHOULD COME UP INDICATING THAT IT HAS CREATED A SECTION THROUGH CALLED CUT “D”. DO NOT CHANGE THIS NAME AS IT WILL BE USED FOR THE AUTOSHOP TEMPLATES. CLICK OK ON THIS BOX.



YOU WILL NOW SEE THAT THE DRAWING HAS A CUT D THROUGH THE FRAME (AS SHOWN BELOW) AND ON THE RIGHT HAND SIDE IT HAS SHOWN YOU THE SECTION THROUGH DRAWING.



IF USING THE 4 CUT THROUGH TEMPLATE, PLEASE REPEAT THIS FOR ALL OF THE FRAMES THAT YOU HAVE. IF YOU HAVE SOME FRAMES THAT DO NOT REQUIRE 4 CUTS THEN PLEASE CREATE ONLY THE ONES THAT YOU REQUIRE BUT REMEMBER THAT CUT "A" & CUT "C" ARE VERTICAL AND CUT "B" AND CUT "D" IS HORIZONTAL

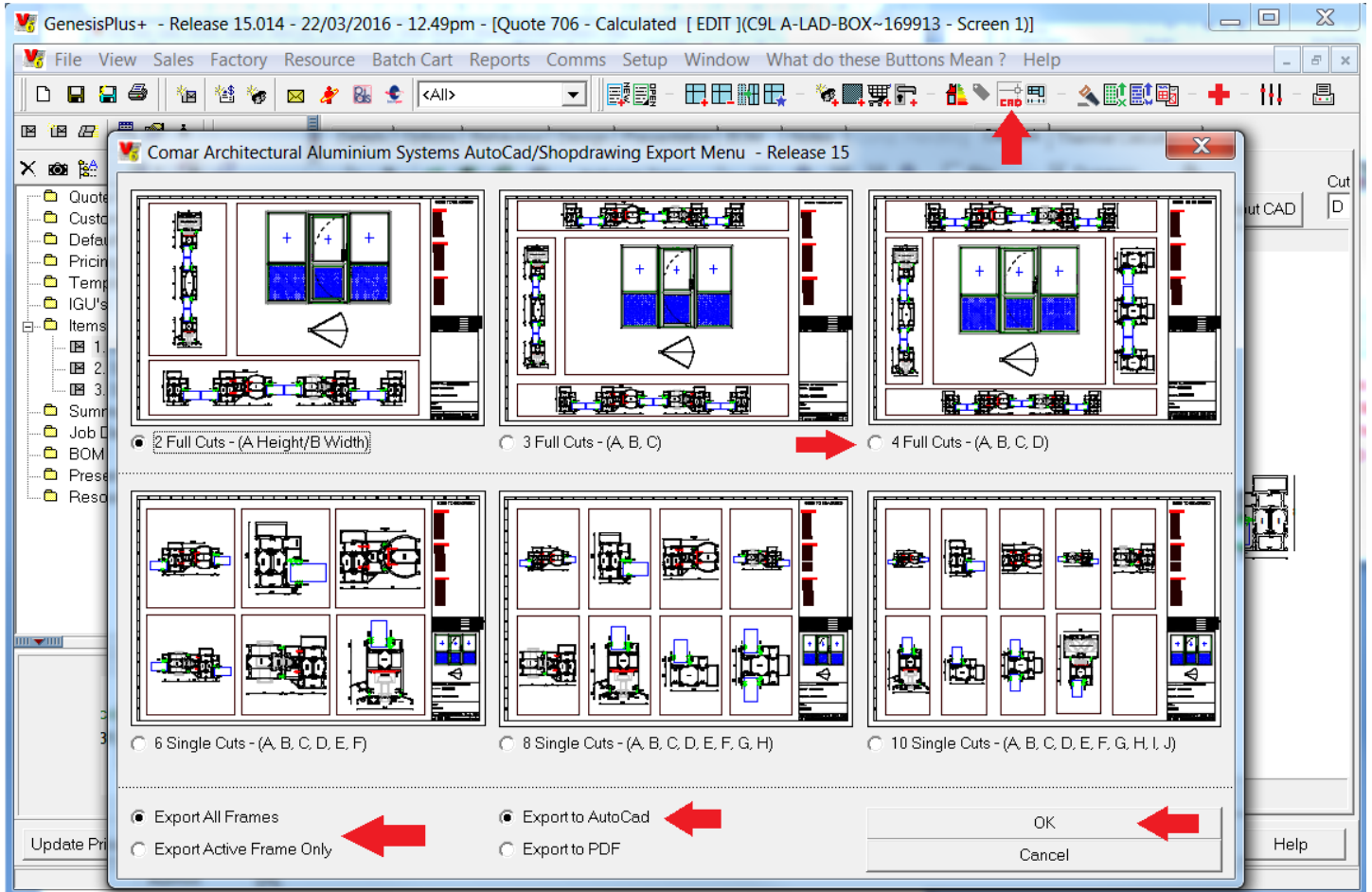
LOADING UP TEMPLATES AFTER WE HAVE CREATED THE CUTS

ONCE YOU HAVE CREATED ALL OF THE CUT DRAWINGS FOR ALL FRAMES WE CAN LOOK AT EXPORTING THEM INTO OUR AUTO SHOPDRAWING TEMPLATES.

HIGHLIGHT THE FIRST FRAME AND THEN CLICK ON THE BLUE CAD BUTTON AT THE TOP OF THE PROGRAM AND THEN WHEN THE MACRO LOADS CHOOSE 4 CUTS (AS SHOWN)

WE THEN HAVE THE OPTION LOWER DOWN IN THE MACRO TO EXPORT ONLY THE FRAME THAT WE HAVE HIGHLIGHTED OR ALL OF THE FRAMES IN THE QUOTE AND THEN ANOTHER OPTION OF WHETHER TO EXPORT INTO AUTOCAD OR TO PDF (REMEMBER THAT THE PDF OPTION DOESNT WORK ON ALL PC'S SO PLEASE SAVE THE QUOTE BEFORE CHOOSING THIS OPTION)

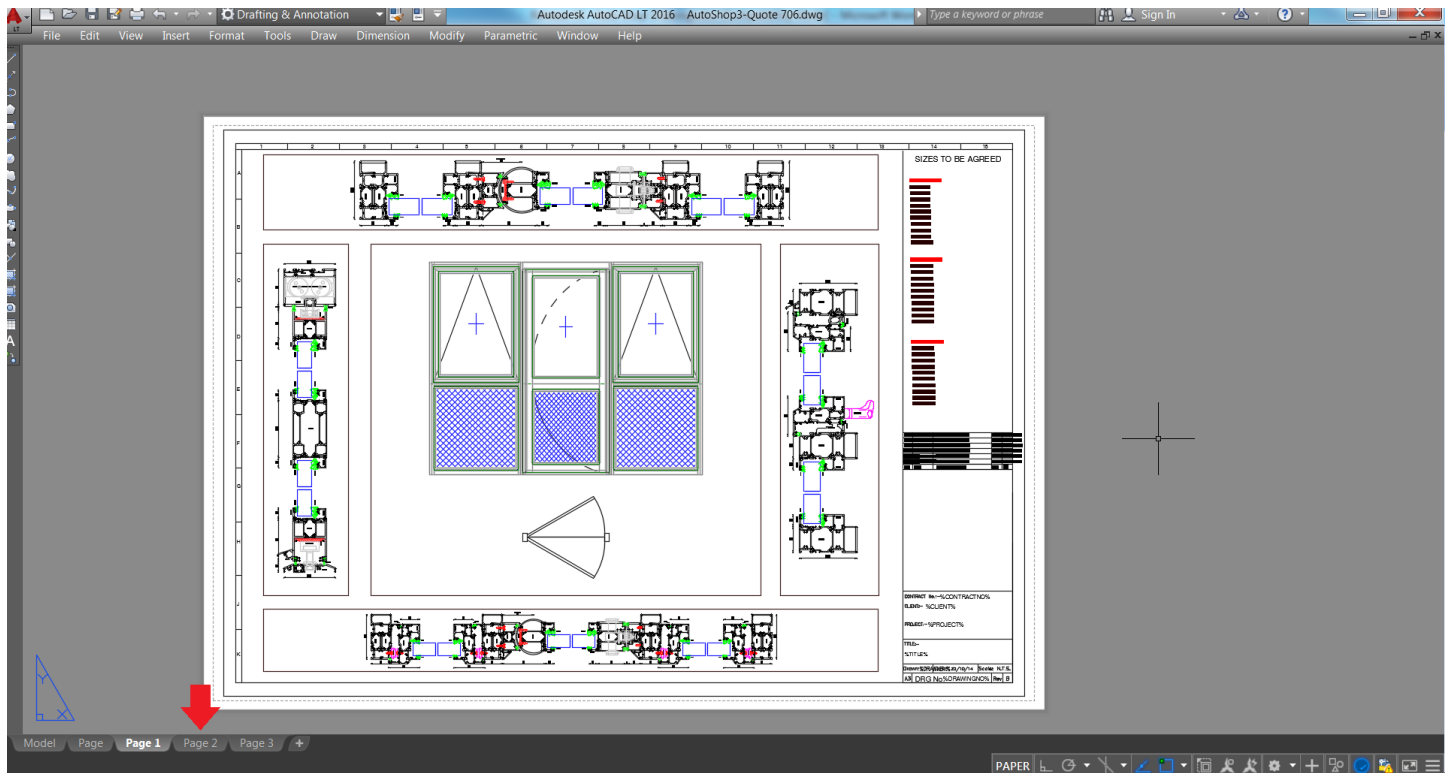
ONCE YOU HAVE CHOSEN YOUR OPTIONS CLICK OK TO RUN THE MACRO.



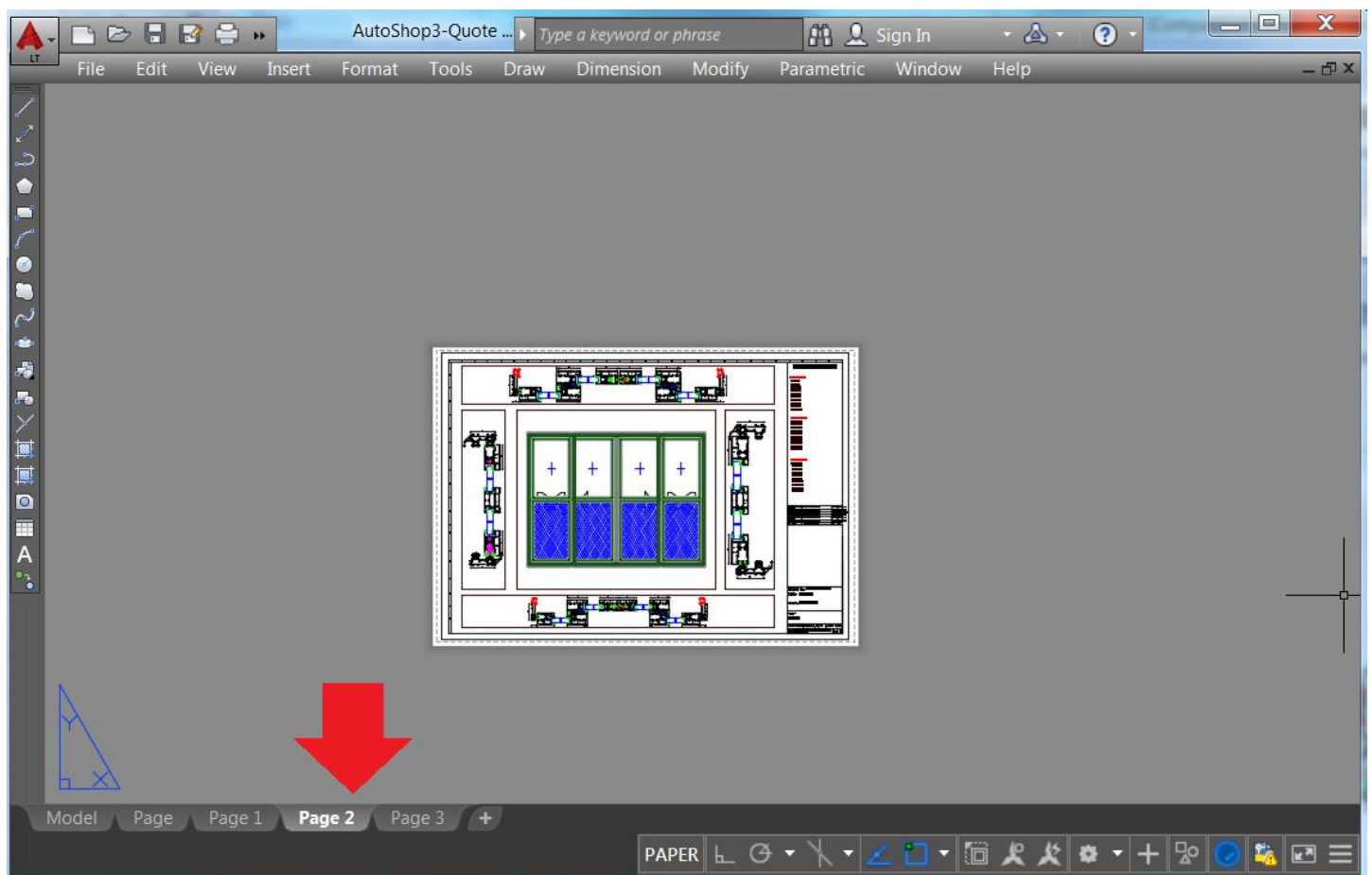
THE FOLLOWING BOX WILL APPEAR, IT MAY TAKE A FEW SECONDS TO LOAD BUT ON LARGER QUOTES AND SLOWER COMPUTERS THIS COULD BE A FEW MINUTES SO PLEASE GIVE THE SOFTWARE CHANCE TO EXPORT ALL OF THE DRAWINGS AND TO LOAD AUTOCAD.

Please Wait.....Currently Creating Drawings

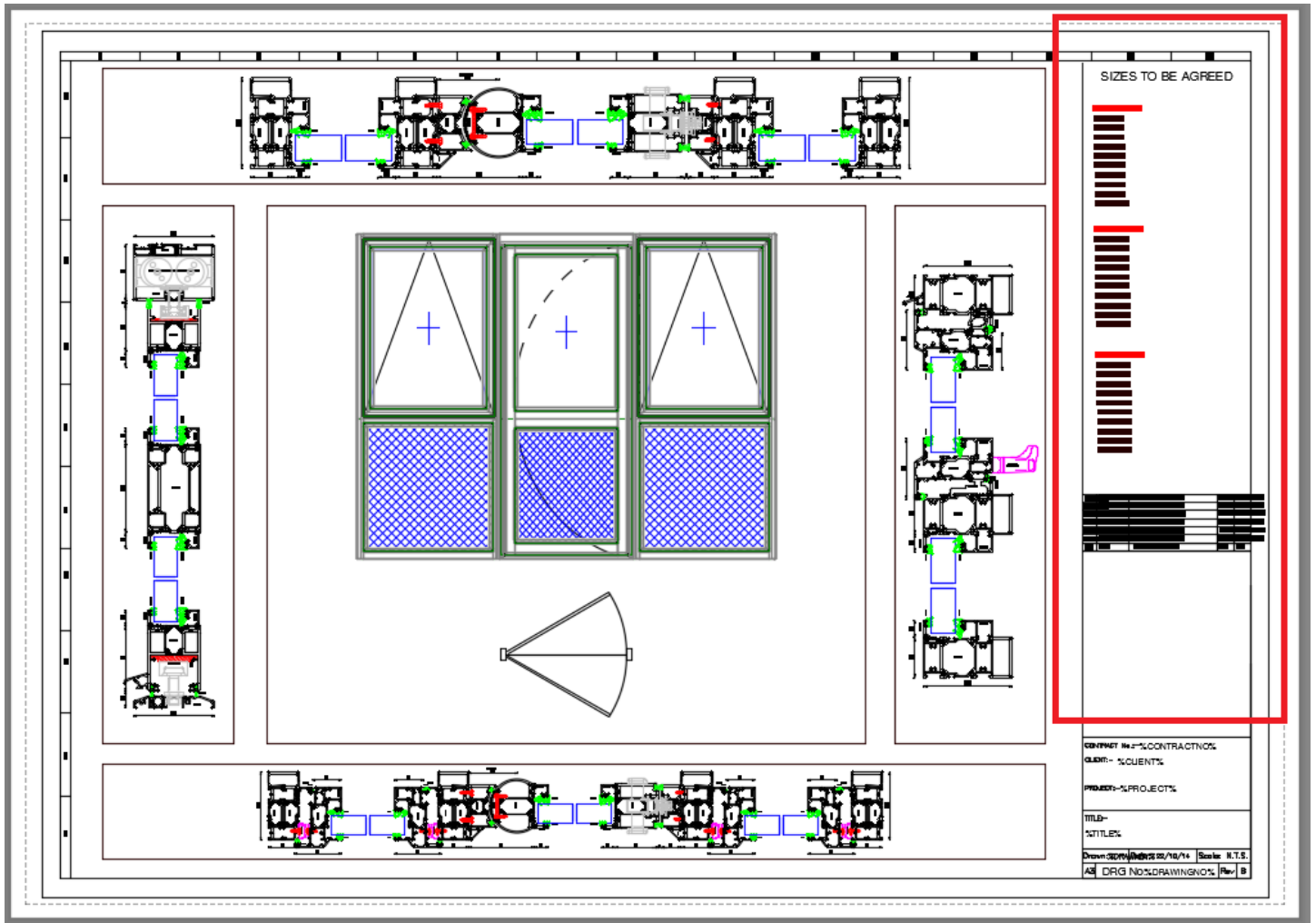
DEPENDING ON YOUR VERSION OF AUTOCAD OR CAD VIEWER THE FOLLOWING SCREEN WILL COME UP. YOU SHOULD SEE THAT ALONG THE BOTTOM AND IF YOU HAVE MORE THAN ONE FRAME, YOU WILL HAVE DIFFERENT PAGES FOR EACH OF YOUR FRAMES.



YOU CAN SWITCH BETWEEN EACH FRAME BY CLICKING ONTO THE PAGES AS SHOWN BELOW.



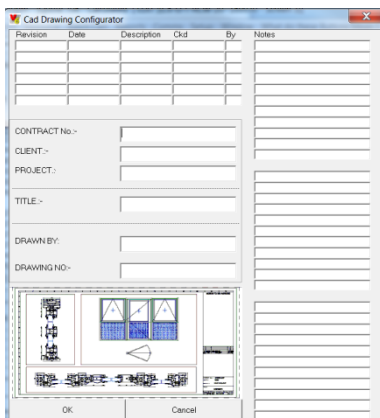
ON EACH TEMPLATE THERE IS A RIGHT HAND COLOUMN WHERE YOU CAN CONFIGURE THE DETAILS OF THE DRAWINGS, THIS CAN BE DONE IN CAD, BUT IF YOU DO NOT HAVE FULL CAD THEN YOU CAN CONFIGURE THESE WITHIN THE DESIGN SCREEN OF EACH FRAME. THIS NEEDS TO BE DONE BEFORE YOU EXPORT THE DRAWINGS.



WHILST IN THE DESIGN SCREEN YOU CAN CLICK ON THIS TAG BUTTON TO LOAD A CONFIGURABLE MACRO



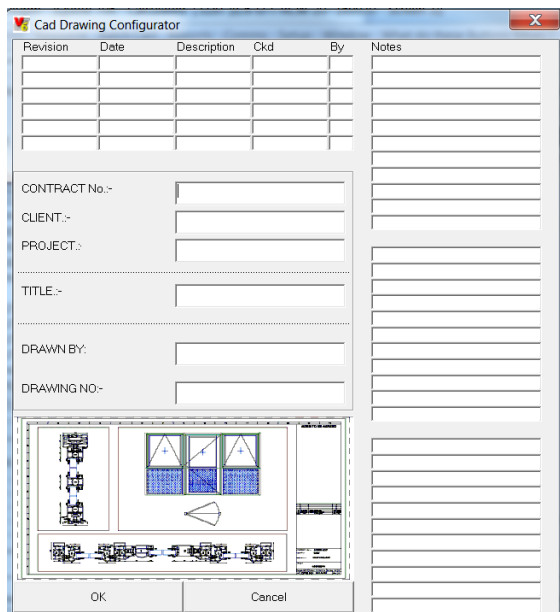
THIS WILL LOAD THE FOLLOWING MACRO



YOU CAN FILL OUT ALL OR SOME OF THE DETAILS AND THIS WILL SAME INTO EACH FRAME. THIS WILL MEAN THAT EVERYTIME YOU EXPORT OUT OF THE QUOTE THE THE DETAILS WILL SHOW UP ON THE EXPORTED DRAWING.

PLEASE NOTE THAT THESE DETAILS DO NOT SHOW UP IF EXPORTING TO PDF AND ONLY AUTOCAD OR AN AUTOCAD VIEWER.

ONCE YOU HAVE FILLED OUT ALL OF THE DETAILS YOU CAN CLICK OK AND THIS WILL PASTE IT INTO THE FRAME. PLEASE REMEMBER TO FILL THIS OUT ON EACH FRAME IF USING THIS FUNCTION.



ALTHOUGH NOT COVERED IN THIS MANUAL YOU MAY ALSO WANT TO CONSIDER USING PRESENTATION DRAWINGS WHICH ALTHOUGH ARE NOT EXPORTABLE INTO CAD ARE SOMETIMES USEFUL FOR SENDING PRESENTABLE DRAWINGS TO A CUSTOMER. THIS ARE ALL PRINTABLE TO PDF IF YOU HAVE A PDF PRINTER DRIVER INSTALLED AND CAN BE ACCESSED VIA THE BELOW BUTTON.

