



genesisplus+

2018



WINDOW WALLS/SCHOOL FRAMES

Module 2: Generic School

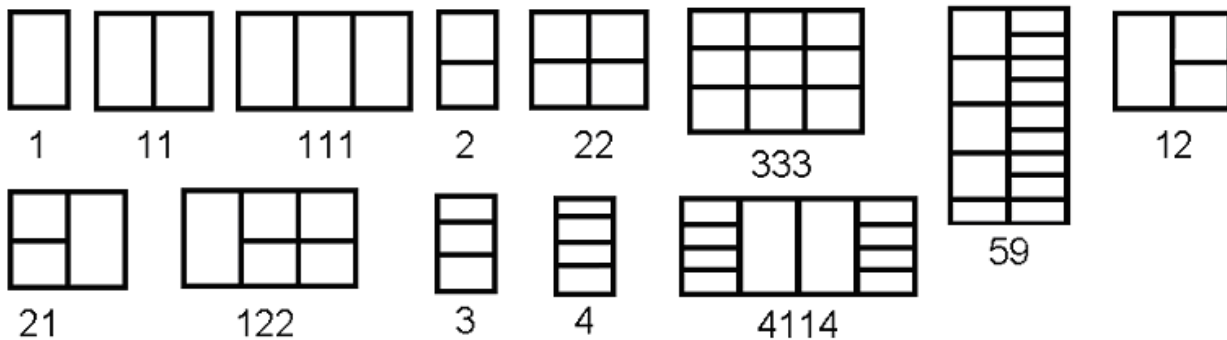
LEVEL: BASIC

Genesis Release 18

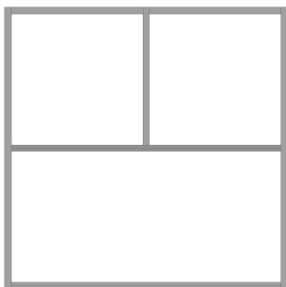
BEFORE WE START – LET’S EXPLAIN SOMETHING!!

WHAT IS A LIGHTCODE?

A LIGHTCODE IS JUST ANOTHER WAY TO SPECIFY COLUMNS AND ROWS, SOMETIMES IF YOU DO NOT HAVE A CONTINUOUS AMOUNT OF COLUMNS AND ROWS THEN YOU WILL HAVE TO DELETE SOME OF THE MULLIONS OR TRANSOMS TO GET TO THE DESIRED DESIGNS, LIGHTCODE CAN SOMETIMES SAVE YOU TIME SO WHEN DETERMINING A **LIGHTCODE**. YOU START FROM THE LEFT HAND COLUMN AND LOOK TO SEE HOW MANY ROWS ARE IN THAT COLUMN. IF THERE ARE TWO COLUMNS THEN YOU ADD ANOTHER NUMBER IN (AND SPECIFY HOW MANY ROWS ARE IN THAT COLUMN). IF THERE IS JUST ONE FIXED LIGHT THEN THE LIGHTCODE WOULD BE ‘1’ IF THERE IS A LIGHT ABOVE ANOTHER LIGHT THEN IT WILL BE ‘2’. SEE BELOW. ANY TIME THAT YOU ADD AN EXTRA NUMBER IN THEN YOU GET AN EXTRA COLUMN.

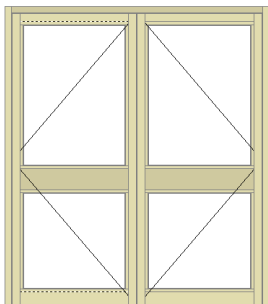


SOMETIMES YOU ARE NOT ABLE TO DESIGN IN ONE GO USING A LIGHTCODE OR A COLUMN OR ROW SO THERE ARE SOME THINGS TO BE AWARE OF. THE BELOW SCREEN WOULD HAVE TO BE DESIGNED AS A LIGHT CODE OF ‘2’. YOU WOULD THEN HIGHLIGHT THE TOP LIGHT AND SPLIT THIS LIGHT INTO A LIGHTCODE OF ‘11’. (WE WILL USE THIS COMMAND LATER ON IN THIS MANUAL). ALTERNATIVELY YOU COULD USE A 2 COLUMN AND 2 ROW FIGURE AND THEN MERGE THE BOTTOM TWO LIGHTS.



IF YOU HAVE A DOOR OR A VENT THEN YOU IGNORE THE LIGHTCODE CONTAINED WITHIN THEM SO THE DOOR BELOW WILL ACTUALLY BE A LIGHTCODE OF ‘1’ THIS IS BECAUSE THE DOOR IS ADDED INCLUDING ALL MIDRAILS AS A COMPLETE ITEM.

BASICALLY IGNORE THE DOOR WHEN WORKING OUT THE LIGHTCODE.

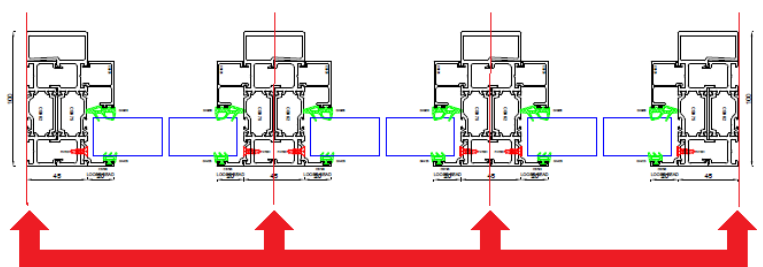
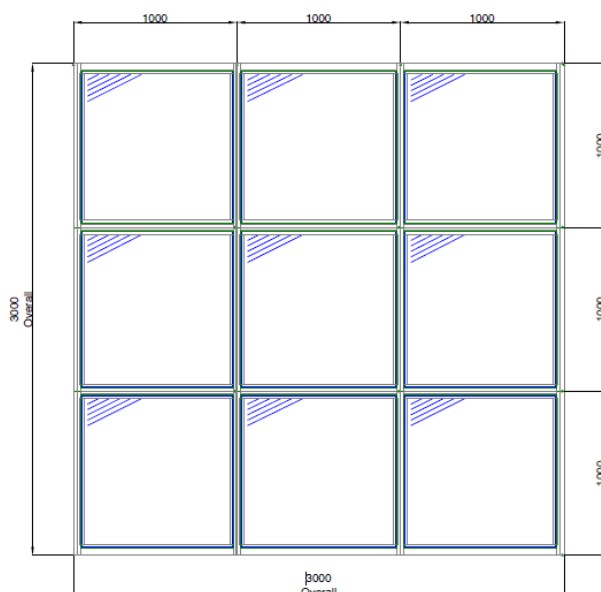
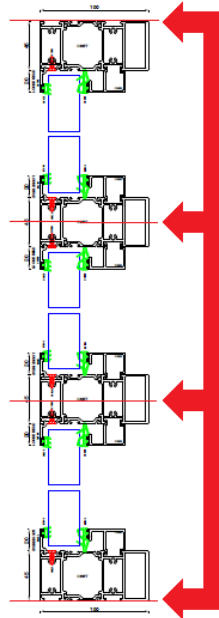
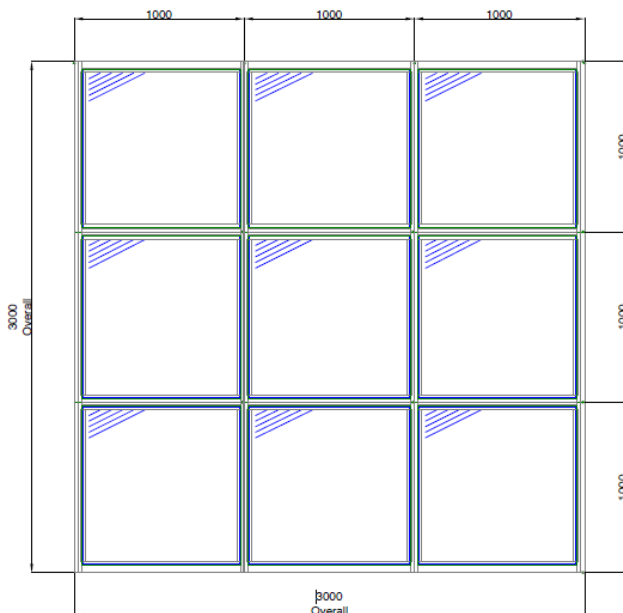


HAVE YOU UNDERSTOOD THIS ? IF NOT PLEASE ASK

HOW DOES GENESIS SHOW DIMENSIONS

MOST DIMENSIONS IN GENESIS INCLUDING CURTAIN WALL FOLLOW THE BELOW RULE.

BUT SUBCILLS ON ALL SYSTEMS AND HEAD EXTENTIONS ON WINDOWS WILL NOT BE INCLUDED IN ANY HEIGHT DIMENSION SHOWN ON THE SCREEN. IF YOU ADD A SUBCILL ON A WINDOW AND THE HEIGHT IS 1000MM, IF THE SUBCILL IS 10MM THEN THE SOFTWARE WILL CHANGE THE HEIGHT TO BE 990MM, HOWEVER ANY CHANGES TO THE OVERALL HEIGHT WILL NOT BE COMPENSATED AFTER THE FIRST BUILD AND YOU WILL NEED TO ALLOW FOR THE DEDUCTION IN HEIGHT YOURSELF.



PROCESSING A QUOTE

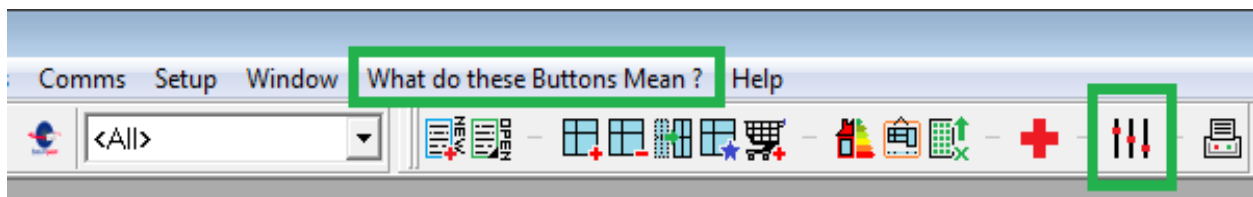
THIS BASIC INSTRUCTION MANUAL WILL GUIDE YOU THROUGH A SMALL QUOTE. YOU WILL FIND THAT BY FOLLOWING THE MANUAL EXACTLY AS WRITTEN YOU WILL LEARN MOST OF THE BASICS FROM THIS MANUAL AND THIS WILL GIVE YOU THE CONFIDENCE TO CHANGE THE DESIGN OF THE FRAME. AFTER RUNNING THROUGH THIS A FEW TIMES, IT'LL ALSO HELP TO DESIGN MOST OTHER FRAMES IN SHOPFRONT & WINDOW SYSTEMS. PLEASE BE AWARE THAT FULL TECHNICAL KNOWLEDGE OF THE COMAR SYSTEMS IS IMPORTANT WHEN USING THIS SOFTWARE AND IT IS PROVIDED AS AN ESTIMATING TOOL AND NOT AS A REPLACEMENT FOR TECHNICAL OR PRODUCT KNOWLEDGE. PLEASE ALWAYS REFER TO THE TECHNICAL MANUALS PROVIDED BY THE PARKSIDE GROUP LIMITED.

Main Genesis screen

At the top of the main Genesis screen you will see the buttons below. These buttons perform different operations and have been designed to allow all commonly used options to be in one place.



There are also several buttons that may help you if you get stuck when starting a quote or adding frames (as shown below)



These can all be found at the top of the screen



THERE ARE MANY BUTTONS AT THE TOP OF THE SCREEN, BUT THEY PERFORM SIMPLE TASKS

START A NEW QUOTE. (CAN ALSO BE USED TO EDIT THE EXISTING QUOTE DETAILS LIKE TITLE)



EDIT A QUOTE. THIS WILL OPEN A QUOTE THAT YOU HAVE ALREADY STARTED AND SHUT DOWN



COPY A QUOTE. THIS WILL ALLOW YOU TO CHOOSE A QUOTE AND WILL MAKE A NEW COPY



EDIT A QUOTE. THIS OPTIONS WILL CHANGE MASTER DETAILS LIKE FINISHES, DUAL COLOUR OR FOAM ON ALL FRAMES WITHIN A QUOTE



ADD A WINDOW. ONCE YOU HAVE ALREADY STARTED OR EDITED A QUOTE YOU ADD A NEW WINDOW FRAME BY CLICKING ONTO THIS BUTTON



ADD A DOOR. ONCE YOU HAVE ALREADY STARTED OR EDITED A QUOTE YOU ADD A NEW DOOR FRAME BY CLICKING ONTO THIS BUTTON



ADD A SLIDING WINDOW OR DOOR. ONCE YOU HAVE ALREADY STARTED OR EDITED A QUOTE YOU ADD A NEW SLIDING OR SLIDING/FOLDING FRAME BY CLICKING ONTO THIS BUTTON



ADD A FACADE. ONCE YOU HAVE ALREADY STARTED OR EDITED A QUOTE YOU ADD A NEW GROUND FLOOR SHOPFRONT OR CURTAIN WALL FRAME BY CLICKING ONTO THIS BUTTON



ADD A DUCO ITEM. ONCE YOU HAVE ALREADY STARTED OR EDITED A QUOTE YOU ADD A NEW DUCO LOUVRE, TRICKLE VENT OR BRISE SOLEIL FRAME BY CLICKING ONTO THIS BUTTON



ADD FAVOURITE STYLE. THIS BUTTON WILL BRING UP A LIST OF PREVIOUSLY SAVED STANDARD STYLES. THERE IS A SEPERATE MANUAL AVAILABLE FOR THIS



DELETE A FRAME. YOU CAN HIGHLIGHT AN EXISTING FRAME IN THE QUOTE AND CLICK ON THIS TO DELETE IT, THERE ARE OTHER BUTTONS WHICH ALSO PERFORM THIS FUNCTION



COPY A FRAME. YOU CAN HIGHLIGHT AN EXISTING FRAME AND CLICK ONTO THIS BUTTON, IT WILL CREATE AN EXACT COPY AND OFFER YOU THE CHANCE TO CHANGE THE FRAME DECIPTION ETC. THIS IS USEFUL WHEN YOU HAVE DESIGNED A FRAME AND HAVE SIMILAR FRAMES BUT DIFFERENT SIZES LATER ON IN A QUOTE.



DRAWINGS MENU. WE HAVE A NEW MENU WITH AUTOMATIC AUTOCAD DRAWING CREATION OR PRESENTATION DRAWINGS



SETUP MENU. WHEN YOU FIRST RECIEVE THE PROGRAM YOU WILL NEED TO SETUP YOUR DISCOUNTS THAT YOU RECIEVE FROM COMAR AND LABOUR RATES FOR YOUR FABRICATION AND INSTALLATION.



CONTROL PANEL. OTHER DEFAULTS AND HELP ASWELL AS AN ONLINE HELP BUTTON WHICH CUSTOMERS USE TO CONNECT TO US IF THEY NEED HELP, HELP IS ALWAYS AVAILABLE AND WE ARE ABLE TO SEE YOUR SCREEN ONCE CONNECTED.



REPORTS MENU. WE HAVE QUITE A FEW REPORTS THAT WE HAVE WRITTEN, SOME AVAILABLE REPORTS ARE PER ITEM PRICING, PURCHASE ORDER, FABRICATION, GLASS LISTS, SURVEY SHEETS. WE ARE ALWAYS EXPANDING THESE AND SOMETIMES WE WILL LOOK AT CUSTOMISING THEM FOR YOUR NEEDS. THERE ARE ALSO CAD DRAWINGS (WHICH ARE NOT IN MENU). **SEE OTHER MANUALS**



ADD A NEW QUOTE INTO GENESIS

CLICK ONTO THE START A NEW QUOTE BUTTON (SHOWN AT THE TOP OF THE SCREEN)



THE BELOW SCREEN WILL APPEAR (WE WILL BE CHANGING THE DETAILS LATER ON IN THIS MANUAL).

A screenshot of a software dialog box titled 'Create a New Project - Genesis R18 - 2018'. The dialog is divided into two main sections. The left section contains input fields for 'Project Title' (with 'SH' entered), 'Job Reference', 'Customer Name' (with '[CUS::DEFAULT]' entered), 'Finish/Colour' (with '[COL:COMAR:POWDER-ZZZ (P)' entered), 'Glazing' (with '[FIL:COMAR:28.0MM UNIT - 1.0B' entered), 'Price Group' (with '[PGR:COMAR:USERDEFINED' entered), 'Labour' (set to 'No labour'), and 'Labour Template'. Each of these fields has a 'Search' button and a '+' icon. There are also two checked checkboxes: 'Add Optimised Extrusion Full Bar Roundup waste' and 'Add Optimised waste cost onto each item price'. A 'Quote Comments' text area is at the bottom left. The right section is titled 'Preliminary Windload/Structural Calcs (Only for Aluminium Curtain Wall)'. It contains dropdown menus for 'Town/City' (set to 'Worst Case'), 'Building Height' (set to '2'), 'Distance To Sea' (set to '0.1'), 'Distance Inside Town' (set to '0.1'), and 'Net Pressure Co' (set to '1.4'). There are also 'Map1' and 'Map2' buttons and a map of the Philippines. At the bottom right, there is a large 'OK' button. A banner for 'genesisplus+ 2018' is displayed in the center of the right section.

THERE ARE THREE MAIN THINGS THAT WE NEED TO GET CORRECT BEFORE WE START ADDING FRAMES TO THE QUOTE,

- 1) THE FIRST IS THE QUOTE TITLE (ALTHOUGH THIS CAN BE CHANGED LATER ON)
- 2) THE SECOND IS THE EXTRUSION FINISH OF THE QUOTE
- 3) THE LAST ONE IS THE MAIN GLAZING THAT WILL BE USED IN THE QUOTE. (SOME FRAMES MAY HAVE MORE THAN ONE GLAZING TYPE IN IT BUT THESE CAN BE CHANGED LATER ON USING A LIGHT BY LIGHT BASIS)

FOR REFERENCE THE QUOTE NUMBER IS AUTO GENERATED FROM QUOTE NUMBER 1 ONWARDS, BUT YOU CAN USE THE JOB REFERENCE FIELD SHOWN BELOW TO KEEP A NOTE OF YOUR OWN QUOTE NUMBERS.

CHANGE THE QUOTE TITLE AS SHOWN BELOW, THIS IS TYPED INTO THE TEXT BOX. THIS FINISH AND THE GLAZING WILL BE CHANGED IN ONE MOMENT SO PLEASE DO NOT CLICK OK AT THIS POINT.

IF YOU ACCIDENTLY CLICK OK AND THE BOX DISSAPEARS PLEASE CLICK BACK ONTO THE START A NEW QUOTE BUTTON AND THIS WILL BRING THE BOX BACK UP.

Project Title: [Generic School] SH

Job Reference: []

Customer Name: [CUS::DEFAULT] Search +

Finish/Colour: [COL:COMAR:POWDER-ZZZ (POWDER)] Search

Glazing: [FIL:COMAR:28.0MM UNIT - 1.0B] Search +

Price Group: [PGR:COMAR:USERDEFINED] Search

Labour: [No labour]

Labour Template: [] Search

☒ Add Optimised Extrusion Full Bar Roundup waste

☒ Add Optimised waste cost onto each item price

Quote Comments: []

Preliminary Windload/Structural Calcs (Only for Aluminium Curtain Wall)

Town/City: [Worst Case]

Building Height: [2]

Distance To Sea: [0.1]

Distance Inside Town: [0.1]

Net Pressure Co: [1.4]

Map1

Map2

genesisplus+ 2018

OK

THE FRAME FINISHES ARE NOT TEXT BOXES AND HAVE A SEARCH BUTTON NEXT TO IT. THE DEFAULT SET IN GENESIS IS POWDER THIS COVERS MOST NON METALLIC RAL FINISHES. FOR THIS JOB WE WILL BE USING OUR STANDARD WHITE FINISH WHICH IS HIPCA WHITE 9910 AND IS CHEAPER THAN THE OTHER RANGE OF RAL COLOURS.

Finish/Colour: [COL:COMAR:POWDER (POWDER)] Search

Glazing: [FIL:COMAR:28.0MM UNIT] Search +

WE ARE GOING TO CHANGE THE DEFAULT QUOTE FINISH SO PLEASE CLICK ONTO THE THREE DOTS AS SHOWN BELOW.

Finish/Colour: [COL:COMAR:POWDER (POWD] **Search**

Glazing: [FIL:COMAR:28.0MM UNIT] **Search** +

THE SEARCH BOX WILL APPEAR, IN THE SEARCH BOX TYPE IN WHITE AND THEN IT SHOULD BRING UP THE HIPCA WHITE IN THE LIST AS SHOWN BELOW. HIGHLIGHT IT AS SHOWN ON THE SECOND BOX BELOW AND THEN CLICK THE **OK** BUTTON. PLEASE MAKE SURE THAT YOU DO NOT PICK UP ANY OF THE PVC FINISHES WHICH ARE COMPONENT OPTIONS.

Finish Colour Pick

Library: Comar Aluminium

Search (Colour Code): [WHITE] Finish Group: <All>

Colour Code	Colour Description	Group Code	Group Description	Colour
SAT-CHROME	Satin Chrome	SAT-CHROME	Satin Chrome	
SAT-S/STEEL	Satin Stainless Steel	SAT-S/STEEL	Satin Stainless Steel	
SELF	SELF	SELF	SELF	
SELF2	SELF2	SELF2	SELF2	
SILVER	Silver Anodised	SILVER	Silver Anodised	
ST/STEEL	ST/STEEL	ST/STEEL	ST/STEEL	
T.P.R	T.P.R	T.P.R	T.P.R	
TBA	To Be Advised	TBA	To Be Advised	
WHITE	Hipca White (RAL 9910)	WHITE	Hipca White (RAL 9910)	
WHITE PVC	WHITE PVC	WHITE PVC	WHITE PVC	
WHITE PVC	WHITE PVC	WHITE PVC	WHITE PVC	
WHITE-COMP	White Finish Components	WHITE-COMP-ONL	White Finish Components	

OK Cancel

THE MAIN SCREEN WILL RETURN AND YOU WILL SEE THAT THE WHITE FINISH IS NOW IN THE FINISH BOX

Finish/Colour: [COL:COMAR:WHITE (WHITE)] ...

Glazing: [FIL:COMAR:28.0MM UNIT] ...

Category 1 - Exp condition is rare poorly grassed p

WE ARE GOING TO CHANGE THE DEFAULT QUOTE GLAZING SO PLEASE CLICK ONTO THE SEARCH BUTTON (AS SHOWN BELOW).

Finish/Colour: [COL:COMAR:POWDER (POWD) Search

Glazing: [FIL:COMAR:28.0MM UNIT] Search +

THE SEARCH BOX WILL APPEAR, IN THE SEARCH BOX TYPE IN 6-16-6 FL AND THEN IT SHOULD BRING UP THE 6-16-6 FL IN THE LIST AS SHOWN BELOW. HIGHLIGHT IT AS SHOWN ON THE SECOND BOX BELOW AND THEN CLICK THE OK BUTTON.

Glazing Pick

Library: <All> Search (Code): 6-16-6 FL

Family	1	2	3	4	A	Code	Description	Price A Unit
Comar Aluminium						6-16-10 TOUG-TINT-F	6m Toug x 16 x 10m Toug-Tint F-N	0.0
Single Glazed						6-16-10 TOUG-TINT-FG	6m Toug x 16 x 10m Toug-Tint F-Ngas	0.0
4mm Outer Pane						6-16-6 ANTELIO FL-F	6m FLx16x6m Antelio clear (db33) F-N	0.0
6mm Outer Pane						6-16-6 ANTELIO FL-FG	6m FLx16x6m Antelio clear (db33) F-Ngas	0.0
7mm Outer Pane						6-16-6 ANTELIO T-FG	6m TGx16x6m Antelio clear TG (db33) F-N	0.0
8mm Outer Pane						6-16-6 ANTELIO T-F	6m TGx16x6m Antelio clear TG (db33) F-N	0.0
10mm Outer Pane						6-16-6 ANTSILV FL-F	6m FLx16x6m Antelio Silver (db33) F-N	0.0
Laminated						6-16-6 ANTSILV FL-FG	6m FLx16x6m Antelio Silver (db33) F-Ngas	0.0
Customer Own Glass						6-16-6 ANTSILV T-FG	6m TGx16x6m Antelio Silver TG (db33) F-N	0.0
Dummy Vents						6-16-6 ANTSILV T-F	6m TGx16x6m Antelio Silver TG (db33) F-N	0.0
Panels						6-16-6 FL	6m FLx16x6m FL (db33) lowE	0.0
Std Glazing						6-16-6 FL-BLUE-FG	6m FLx16x6m FL Blue (db33) F-Ngas	0.0
EFT						6-16-6 FL-EG	6m FLx16x6m FL (db33) lowEgas	0.0
2 Sided Horizontal						6-16-6 FL-F	6m FLx16x6m FL (db33) F-N	0.0
2 Sided Vertical						6-16-6 FL-FG	6m FLx16x6m FL (db33) F-Ngas	0.0
EFT Vent Glass						6-16-6 FL-OBS	6m Obsx16x6m FL (db33) lowE	0.0
FSS - EFT Vent						6-16-6 FL-OBS-EG	6m Obsx16x6m FL (db33) lowEgas	0.0
RCW - EFT Vent						6-16-6 FL-OBS-F	6m Obsx16x6m FL (db33) F-N	0.0
TSH - EFT Vent						6-16-6 FL-OBS-FG	6m Obsx16x6m FL (db33) F-Ngas	0.0
TSV - EFT Vent						6-16-6 FL-OBS-S	6m F-Obsx16x6m FL (db33)	0.0
Full Glazed						6-16-6 FL-S	6m FLx16x6m FL (db33)	0.0
Regular C/Wall						6-16-6 FL-SERALI-FG	6m FLx16x6m Seralit 100% (db33) F-Ngas	0.0
Louvres Into Doors (ONLY)								
Project Specific								
U Value - Centre Pane								

OK Cancel Filter...

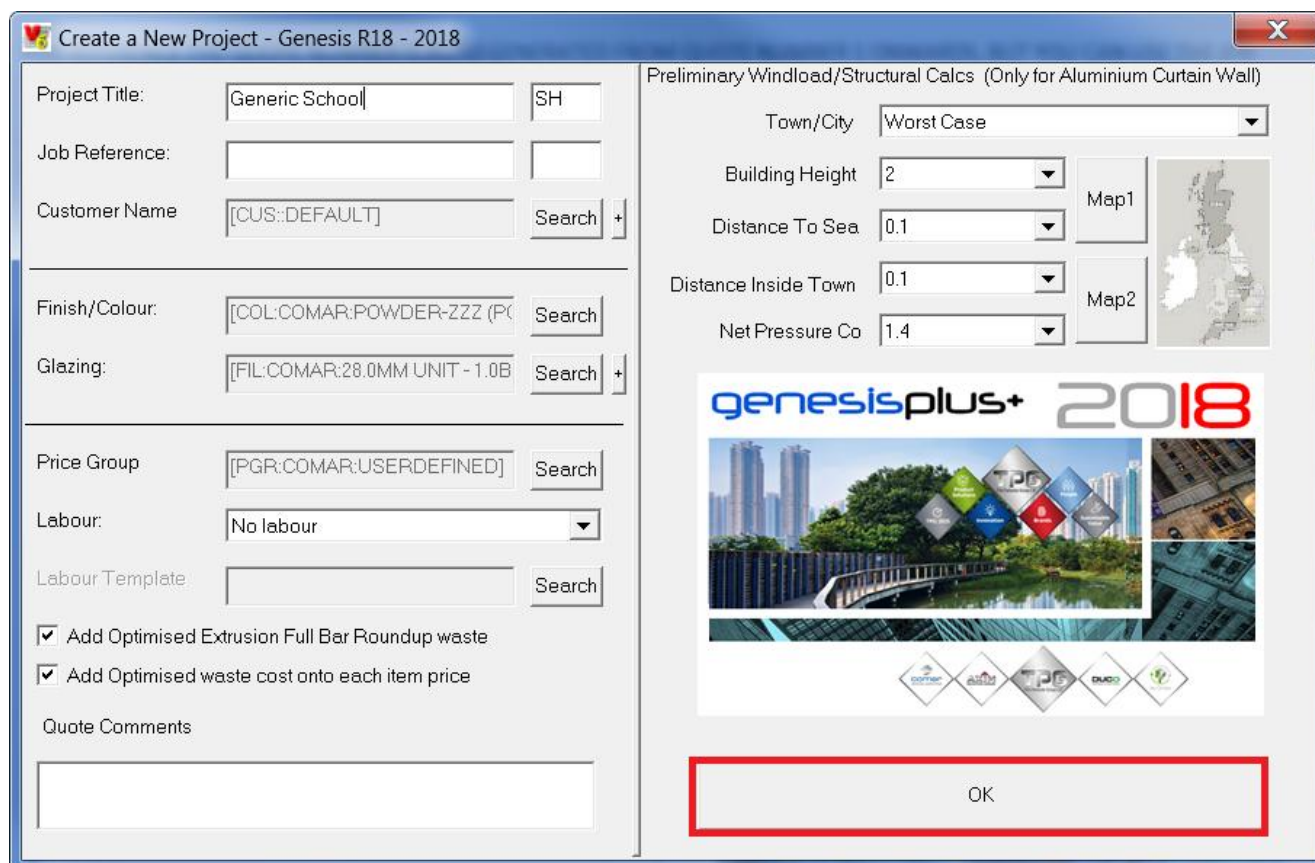
THE MAIN SCREEN WILL RETURN AND YOU WILL SEE THAT THE 6-16-6 FL IS NOW IN THE GLAZING BOX

Finish/Colour: [COL:COMAR:POWDER (POWD) Search

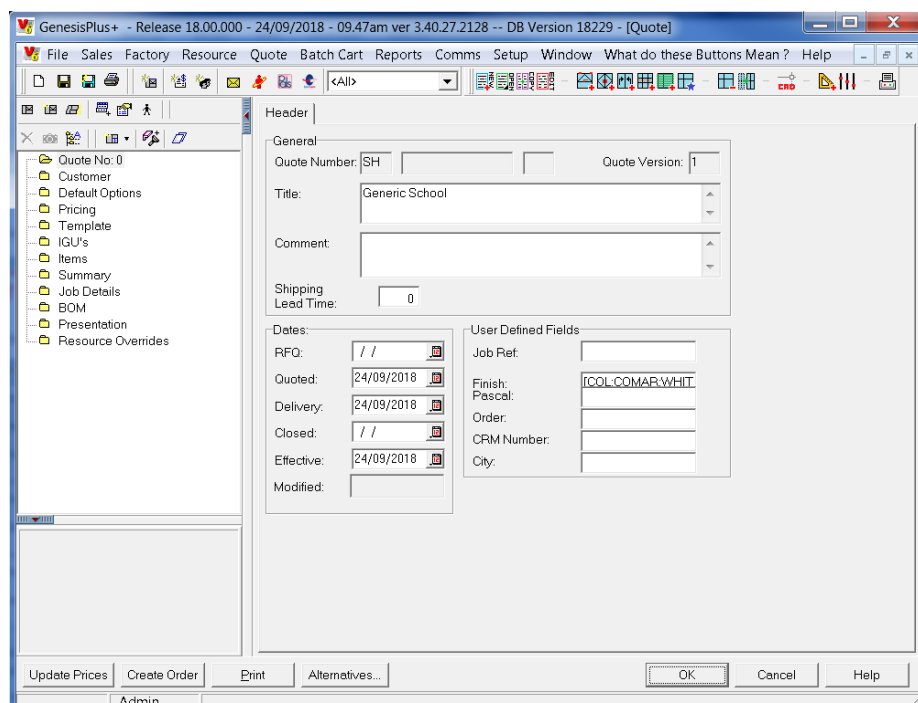
Glazing: [FIL:COMAR:6-16-6 FL] Search +

ONCE YOU ARE HAPPY THAT EVERYTHING IS CORRECT YOU CAN NOW CLICK **OK** AS SHOWN BELOW.

IF YOU ACCIDENTLY CLICK OK WITHOUT EVERYTHING BEING CORRECT AND THE BOX DISSAPEARS PLEASE CLICK BACK ONTO THE START A NEW QUOTE BUTTON AND THIS WILL BRING THE BOX UP.



ONCE YOU HAVE CLICKED OK, YOU WILL SEE THAT THE MAIN SCREEN CHANGES AND A NEW QUOTE HAS BEEN CREATED . THE QUOTE SCREEN IS NOW SHOWN AND THE QUOTE IS OPEN (AS SHOWN BELOW). ALL OF THE INFORMATION THAT YOU HAVE JUST ENTERED WILL BE LISTED ON THESE SCREENS (SHOWN BELOW) THE QUOTE TITLE IS SHOWN UNDER THE QUOTE TAB AND THE DEFAULT OPTIONS WILL HOLD BOTH THE GLAZING AND THE FINISHES THAT YOU ENTERED. **ANY NEW FRAME THAT YOU ADD FROM NOW ON WILL USE YOUR DEFAULT FINISH AND DEFAULT GLASS**, YOU CAN CHANGE THE TITLE DIRECTLY ON THIS SCREEN OR YOU CAN CLICK BACK ONTO "START A NEW QUOTE" AND THIS WILL BRING THE BOX BACK UP.



IF YOU DO NOT HAVE AN ACTIVE QUOTE OPEN THEN PLEASE NOTE THAT “START A NEW QUOTE” BUTTON WILL START A NEW ONE FOR YOU. YOU MAY NEED TO USE THE “EDIT A QUOTE” BUTTON LATER ON TO GET BACK INTO AN OLD ONE SO PLEASE REMEMBER WHAT THE PROCESS OF THESE BUTTONS ARE.

START A NEW QUOTE. (CAN ALSO BE USED TO EDIT THE EXISTING QUOTE DETAILS LIKE TITLE)



EDIT A QUOTE. THIS WILL OPEN A QUOTE THAT YOU HAVE ALREADY STARTED AND SHUT DOWN



Page No: 1

ELEVATION PORTRAIT

Date/Time: 29/01/2018 17:05:50

Quote Title: School - Training Manual

Quote No: SH-3- -Ver 3

Cust Name:

Job Ref:

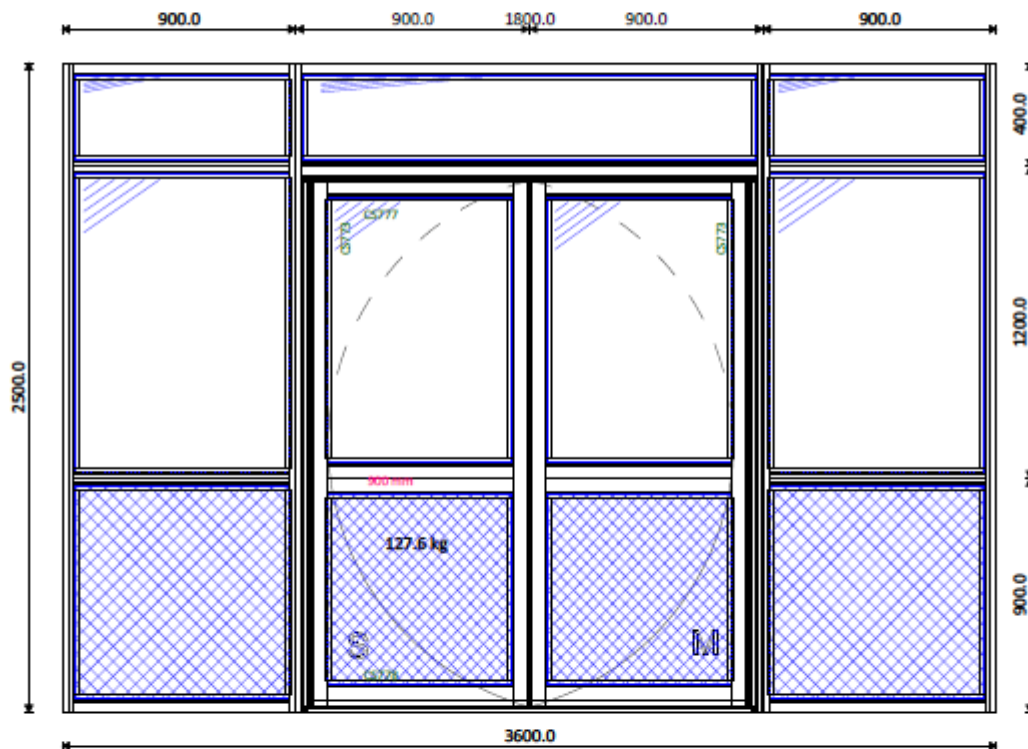
Finish:

Deliv Date:

Other:



Do Not Scale



Item Description: Comar 9Pi (100mm) - Loose Beaded L/Frame Item Number: 1

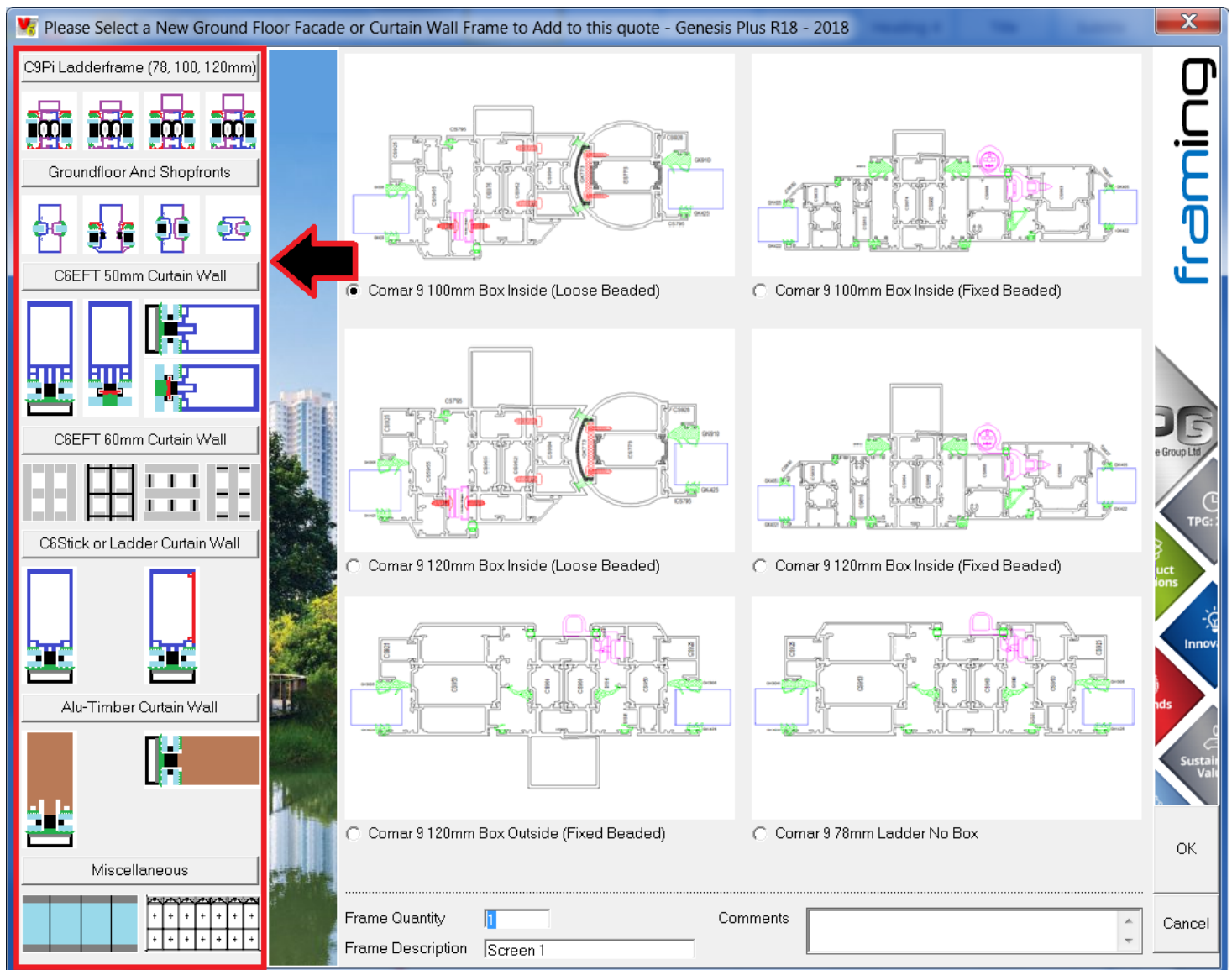
Quantity: 1

ADDING A FRAME TO THE QUOTE

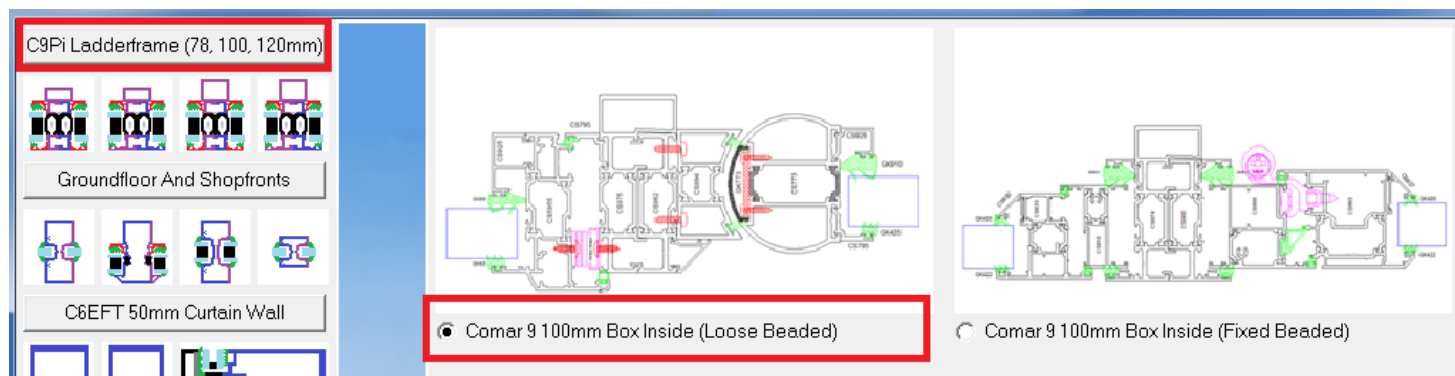
WE NOW WANT TO ADD A NEW FRAME TO THE QUOTE. CLICK ONTO THE “ADD A NEW FRAMING SYSTEM” BUTTON (ICON).



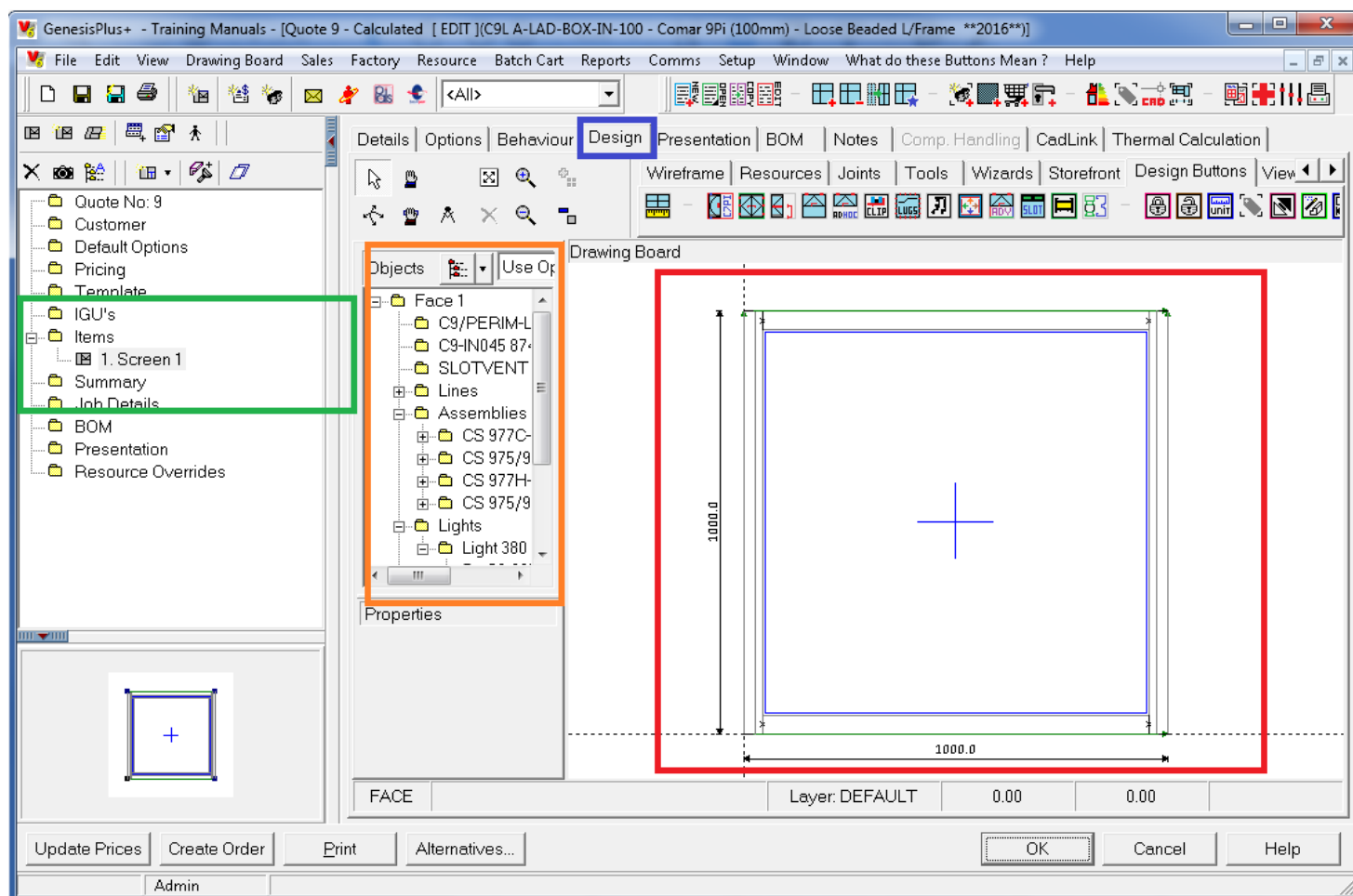
THE FOLLOWING SCREEN WILL APPEAR. THIS SHOWS YOU THE ENTIRE STANDARD FRAMING SYSTEMS THAT WE HAVE. YOU WILL SEE THAT THERE ARE TABS DOWN THE LEFT SIDE WHICH FILTER DOWN THE DIFFERENT TYPES OF SYSTEMS WHEN YOU CLICK ONTO THEM. **PLEASE DO NOT CLICK OK YET**



FOR THE FIRST SCREEN WE WANT TO USE THE COMAR 9 100MM BOX INSIDE LOOSE BEADED. THIS IS LOCATED UNDER THE C9PI LADDERFRAME + C7PI CD DOOR TAB WHICH IS THE DEFAULT TAB THAT CAME UP, CLICK ONTO THE COMAR 3 (ROUND RADIO BUTTON) AS SHOWN AND THEN CLICK OK AT THE BOTTOM OF THE ADD FRAME BOX (SEE ABOVE)



NOW THAT YOU HAVE ADDED A FRAME TO THE QUOTE YOU WILL SEE THAT YOU NOW HAVE ONE ITEM LISTED IN THE LEFT HAND SIDE SCREEN, (THIS WILL LIST ANY FRAMES THAT YOU HAVE ADDED TO YOUR QUOTE). THE RIGHT HAND SIDE OF THE SCREEN IS THE DESIGN SCREEN AND YOU CAN SEE THAT IT HAS ADDED A FRAME 1000MM X 1000MM. IN A MOMENT WE WILL CHANGE THE DESIGN. YOU WILL NOT HAVE THE COLOURED BOXES AS SHOWN BELOW THEY WILL BE USED TO HIGHLIGHT SOME AREAS IN ONE MOMENT



BEFORE WE CHANGE THE DESIGN OF THIS SCREEN, LETS TAKE A BIT OF TIME GETTING USED TO THE NEW MENUS THAT YOU CAN ACCESS NOW WE HAVE ADDED A FRAME.

DESIGN

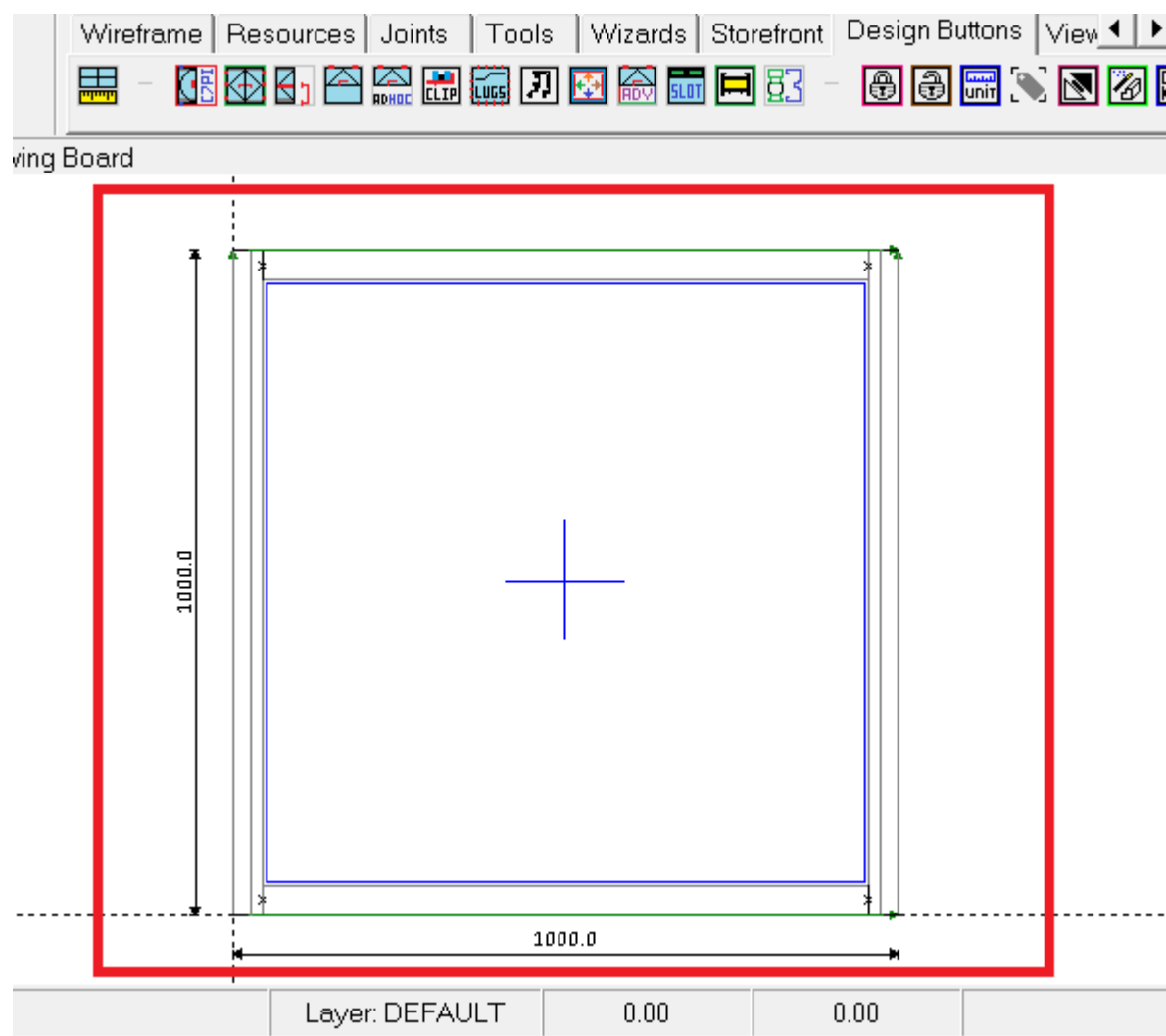
THE DESIGN SCREEN DRAWING BOARD WILL SHOW YOU WHAT THE FRAME LOOKS LIKE, ALL CHANGES TO THE FRAME INCLUDING ADDING TRANSOMS, CHANGING SIZES ETC AND ADDING WINDOWS OR DOORS ARE DONE HERE. THE FRAMES SHOWN ARE BEING BUILT IN FULL SIZED EXTRUSIONS SO THE SCALE IS A TRU REPRESENTATION OF THE FINISHED PRODUCT.

WHEN YOU HIGHLIGHT A FRAME IN THE ITEMS TAB (AS SHOWN IN THE LEFT HAND SIDE ABOVE IN GREEN) THE DESIGN SCREEN/DRAWING BOARD SHOWS YOU THE DESIGN FOR THAT ITEM, YOU CAN CLICK BETWEEN THE FRAMES (ITEMS) IF YOU HAVE MORE THAN ONE IN A QUOTE AND IF YOU ARE IN THE DESIGN SCREEN THE FRAME SHOWN WILL SWITCH TO SHOW YOU THE ONE THAT YOU HAVE HIGHLIGHTED.

THE ORANGE RECTANGLE INDICATES THE OBJECTS BOX, THIS LISTS ALL THE ASSEMBLIES YOU HAVE USED AS WELL AS GLASS AND DOORS.

CHANGING THE DESIGN

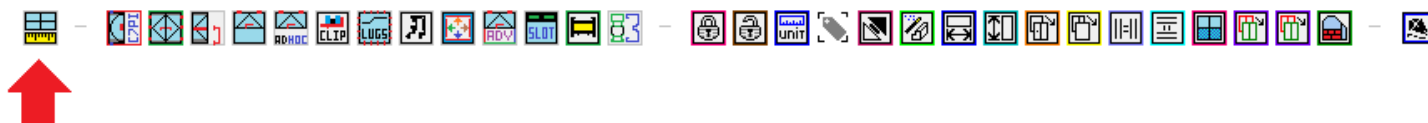
WE ARE NOW GOING TO CHANGE THE DESIGN OF THE FRAME SO WE NOW MOVE DOWN TO THE DRAWING BOARD (WHILST IN DESIGN) AND THERE ARE MACRO DESIGN BUTTONS WHICH ARE RELEVANT TO THE FRAME THAT WE ARE VIEWING AT THAT TIME. THERE ARE QUITE A FEW BUTTONS HERE (AND THEY ARE SMALL) BUT GENERALLY THE FIRST SET OF BUTTONS ARE TO CHANGE THE DESIGN OF THE FRAME, ADDING DOORS AND ADDING WINDOWS. THE SECOND SET OF BUTTONS ARE SIMPLE COMMANDS LIKE CHANGING SECTIONS, SPLITTING LIGHTS (ADDING MULLIONS OR TRANSOMS), MERGING LIGHTS (DELETING MULLIONS OR TRANSOMS), CHANGING HEIGHTS OR TRANSOMS AND WIDTHS OF MULLIONS AND CHANGING GLASS. YOU WILL NOTICE THAT THE AMOUNT OF BUTTONS THAT YOU SEE WHEN DESIGNING DIFFERENT SYSTEMS WILL CHANGE DEPENDING ON WHAT FRAME YOU ARE DESIGNING. I.E YOU WOULN'T HAVE A DOOR BUTTON FOR BUILDING A WINDOW. LIKE AUTOCAD THE BUTTONS ARE THERE TO MAKE IT QUICKER TO PERFORM EVERYDAY TASKS.



WE ARE NOW GOING TO CHANGE THE DESIGN AND DIMENSIONS OF THIS FRAME, IN MOST CASES THE FIRST BUTTON SHOWN IN THE DESIGN SCREEN WILL PERFORM A TASK TO CHANGE THE DESIGN OR THE DIMENSIONS.

(IF YOU WANT TO EXPLORE WHAT THESE BUTTONS DO YOU CAN USE YOUR MOUSE TO HOVER OVER THE BUTTON AND IT SHOULD TELL YOU WHAT COMMAND THE BUTTON PERFORMS).

CLICK ONTO THE FIRST BUTTON.



THIS WILL BRING UP THE REBUILD BUTTON, WE WILL BE CHANGING THE SIZES LATER ON.

THIS SCREEN WHICH IS ONE OF THE COMMON SCREENS HANDLES THE MOST PART OF THE FRAMING PART OF OUR DESIGN (EXCLUDING ADDING DOORS ETC).

WE CAN CHANGE THE WIDTH, HEIGHT LIGHTCODE OR COLUMNS AND ROWS, THE DESCRIPTION AND QUANTITY OF THE FRAME, EXTRUSION FINISH, AND SECTIONS TO BE USED.

THE DEFAULT SECTIONS FOR THE HEAD, TRANSOMS ETC ARE BASED ON OUR TECHNICAL MANUAL, IN MOST CASES YOU MAY NEED TO CHECK THE WINDLOADING FOR THE FRAMES TO INDICATE WHAT MULLIONS OR TRANSOMS TO USE, BUT AS STANDARD THESE WILL BE THE SECTIONS TO USE (SUBJECT TO WINDLOADINGS). **DO NOT CLICK OK**

Comar 9 - Framing - 100mm Box on Inside - Loose Beaded

Frame Width	Frame Height	Sub Cill Type	Head Profile	lly Req -	1.04	Head
1000	1000	None	CS 977-100mm Loose-Box In- IYY - 19.1			
Lightcode		Single or Dual Colour	Cill Profile	lly Req -	1.04	
1		Single Colour	CS 977-100mm Loose-Box In- IYY - 19.1			
Columns	Rows	Outside Finish	Left Profile	lxx Req -	0	Transom
1	1	[COL:COMAR:WHITE (WHITE)]	CS 975/962-100mm Loose-Box In- IXX - 112.40			
			Right Profile	lxx Req -	0	
			CS 975/962-100mm Loose-Box In- IXX - 112.40			
			Transom Profile	lly Req -	1.04	Cill
Frame Quantity		Glass	CS 977 100mm Loose - Box In - IYY - 19.1			
1		[FIL:COMAR:6-16-6 FL]				
Frame Description		Foam (Does not change Thermal Calcs)	Mullion Profile	lxx Req -	0	
Screen 1		No Foam	CS-100mm Loose-Box In- IXX - 112.40			
Fixing Strap		Item Comments	Left Jamb	Mullion	Right Jamb	
No Fixing Straps						
Security Clips (24,28 or 32mm Only)						Create
No Security Clips						Cancel

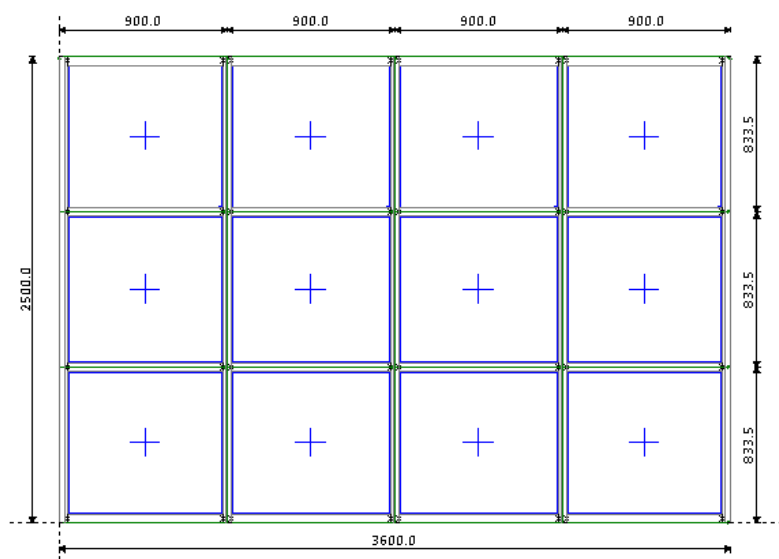
YOU WILL SEE THAT THE BELOW SCREEN HAS ALREADY SELECTED THE PROFILES THAT ARE THE STANDARD DEFAULT FOR THIS SYSTEM. (SHOWN ON THE RIGHT HAND SIDE), THE SOFTWARE WILL NOT WINDLOAD THESE SECTIONS SO PLEASE BE AWARE THAT ALTHOUGH THEY ARE DEFAULT THEY DO NOT LOOK AT THE SIZE OF THE FRAME.

THE ONLY THINGS THAT WE NEED TO CHANGE ON THIS SCREEN ARE:

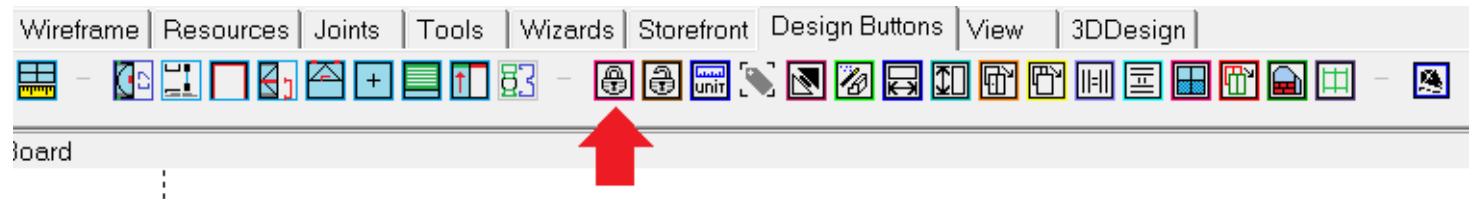
- 1) THE FRAME WIDTH
- 2) THE FRAME HEIGHT
- 3) THE LIGHTCODE (AS EXPLAINED EARLIER, THIS IS JUST ANOTHER WAY TO SPECIFY COLUMNS & ROWS BUT YOU COULD USE THE COLUMNS AND ROW FIELDS IF YOU LIKE.
- 4) THE DESCRIPTION OF FRAME OR A FRAME CODE. I.E "ED1", IF YOU DO NOT HAVE AN ITEM NUMBER IT IS A GOOD IDEA TO USE FRAME 1, FRAME 2 ETC TO AVOID CONFUSION.
- 5) YOU WILL SEE THAT IT HAS ALSO BOUGHT THROUGH THE FRAME DEFAULTS FOR THE FINISH AND THE GLASS AS CHOSEN EARLIER ON.

WHEN YOU HAVE CHANGED THE HIGHLIGHTED ITEMS PLEASE CLICK CREATE.

THE SCREEN HAS NOW BEEN REDESIGNED.



AS WE HAVE CONNECTING TRANSOMS (i.e. TRANSOMS THAT SIT AT THE SAME HEIGHT), WE CAN LOCK THEIR POSITIONS TOGETHER. THIS ONLY WORKS IF THE TRANSOMS ARE NEXT TO EACH OTHER. TO DO THIS WE CLICK ONTO THE LOCK BUTTON. THE ONE NEXT TO IT UNLOCKS THE TRANSOMS.



AS THIS SCREEN HAS SOME TRANSOMS IN IT WE WANT TO MOVE THE HEIGHTS SO THAT WE CAN ADD A DOOR . HIGHLIGHT ONE OF THE BOTTOM LIGHTS AND THEN CLICK ONTO THE CHANGE TRANSM HEIGHT.

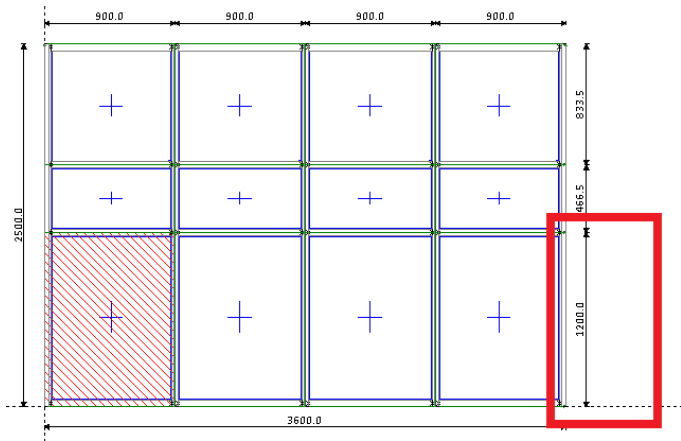


THE FOLLOWING SCREEN WILL APPEAR, ALTHOUGH THERE ARE A LOT OF DETAILS SHOWN ON THIS SCREEN BUT THE PARTS WE ARE INTERESTED ARE VERY FEW:

- 1) DIMENSION DISTANCE, THIS IS A TEXT BOX AND REPRESENTS THE NEW DIMENSION THAT WE NEED TO ADD – (SEE DIMENSIONING PAGE SPECIFYING WHERE THE DIMENSIONS ARE TAKEN FROM SHOWN EARLIER).
- 2) MEMBER TO ADJUST. IF YOU WANT TO MOVE THE TRANSM ABOVE THE LIGHT THAT WE HAVE HIGHLIGHTED THEN WE CHOOSE TOP, IF WE WANT TO MOVE THE TRANSM BELOW THE LIGHT THAT WE HAVE HIGHLIGHTED THEN WE CHOOSE BOTTOM. (WE WILL CHOOSE TOP IN THIS CASE)
- 3) THE OK BUTTON MAKES THE CHANGE FOR US.

CHANGE THE DIMENSION AND CLICK THE TOP TICK BOX IGNORE ALL OTHER DETAILS SHOWN IN THE BOX AND NOW CLICK OK.

THE TRANSOM HEIGHT HAS NOW CHANGED.



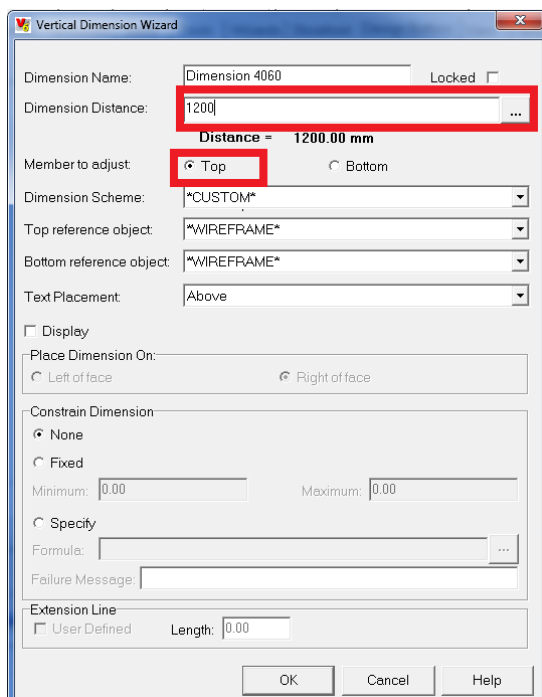
WE NOW WANT TO DO THE SAME ON THE SECOND TRANSOM. HIGHLIGHT ONE OF THE MIDDLE LIGHTS AND THEN CLICK ONTO THE CHANGE TRANSOM HEIGHT.



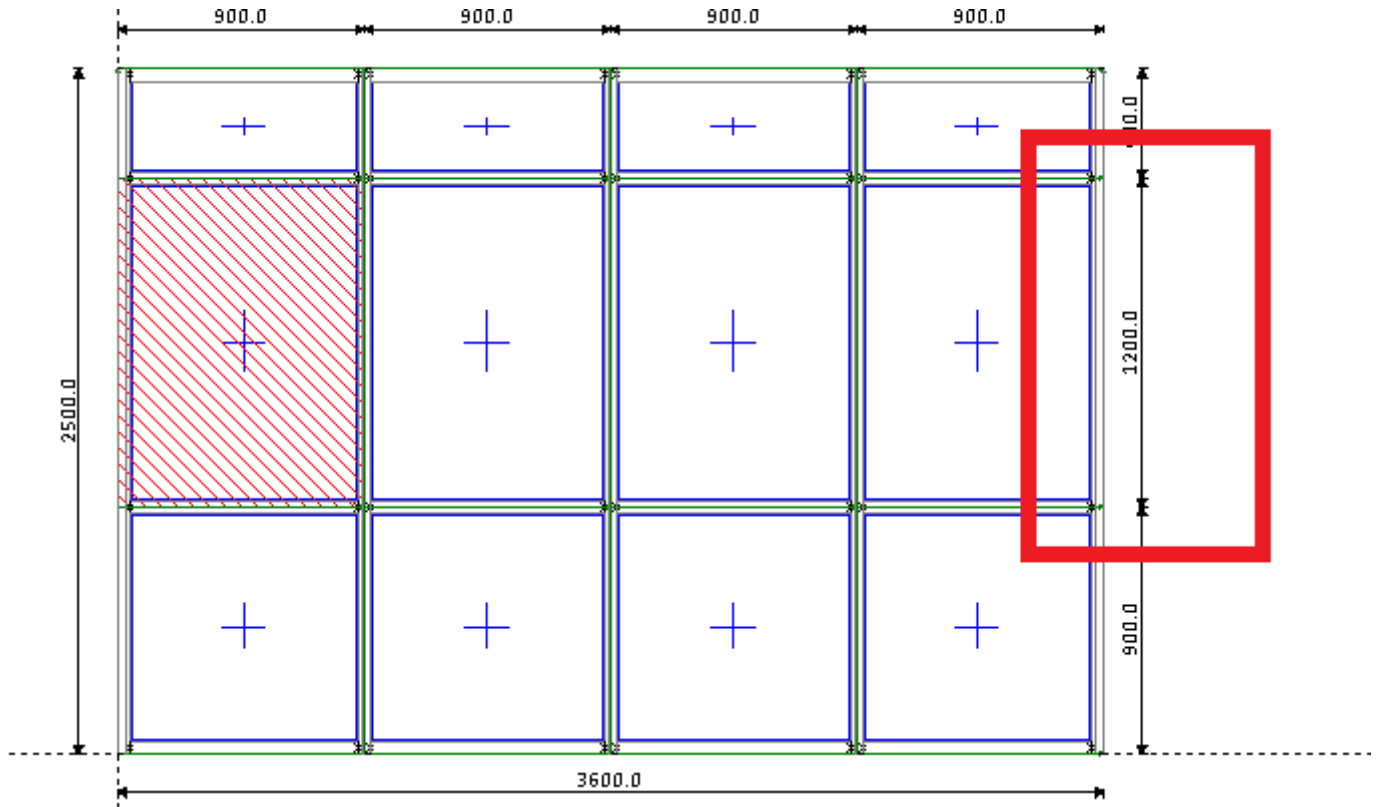
THE FOLLOWING SCREEN WILL APPEAR, ALTHOUGH THERE ARE A LOT OF DETAILS SHOWN ON THIS SCREEN BUT THE PARTS WE ARE INTERESTED ARE VERY FEW:

- 1) DIMENSION DISTANCE, THIS IS A TEXT BOX AND REPRESENTS THE NEW DIMENSION THAT WE NEED TO ADD – (SEE DIMENSIONING PAGE SPECIFYING WHERE THE DIMENSIONS ARE TAKEN FROM SHOWN EARLIER)
- 2) MEMBER TO ADJUST. IF YOU WANT TO MOVE THE TRANSOM ABOVE THE LIGHT THAT WE HAVE HIGHLIGHTED THEN WE CHOOSE TOP, IF WE WANT TO MOVE THE TRANSOM BELOW THE LIGHT THAT WE HAVE HIGHLIGHTED THEN WE CHOOSE BOTTOM. (WE WILL CHOOSE TOP IN THIS CASE)
- 3) THE OK BUTTON MAKES THE CHANGE FOR US

CHANGE THE DIMENSION AND CLICK THE TOP TICK BOX IGNORE ALL OTHER DETAILS SHOWN IN THE BOX AND NOW CLICK OK.

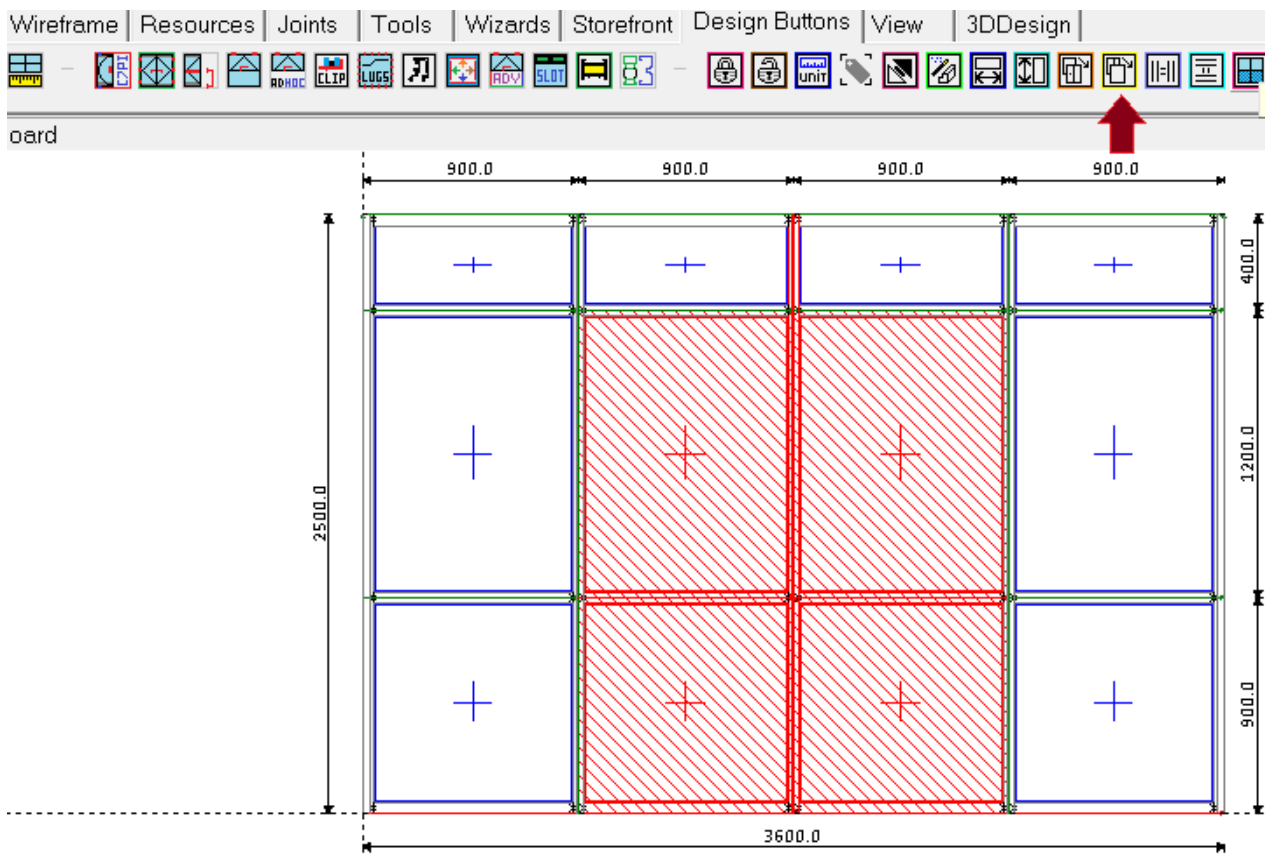


THE TRANSOM HEIGHT HAS NOW CHANGED.

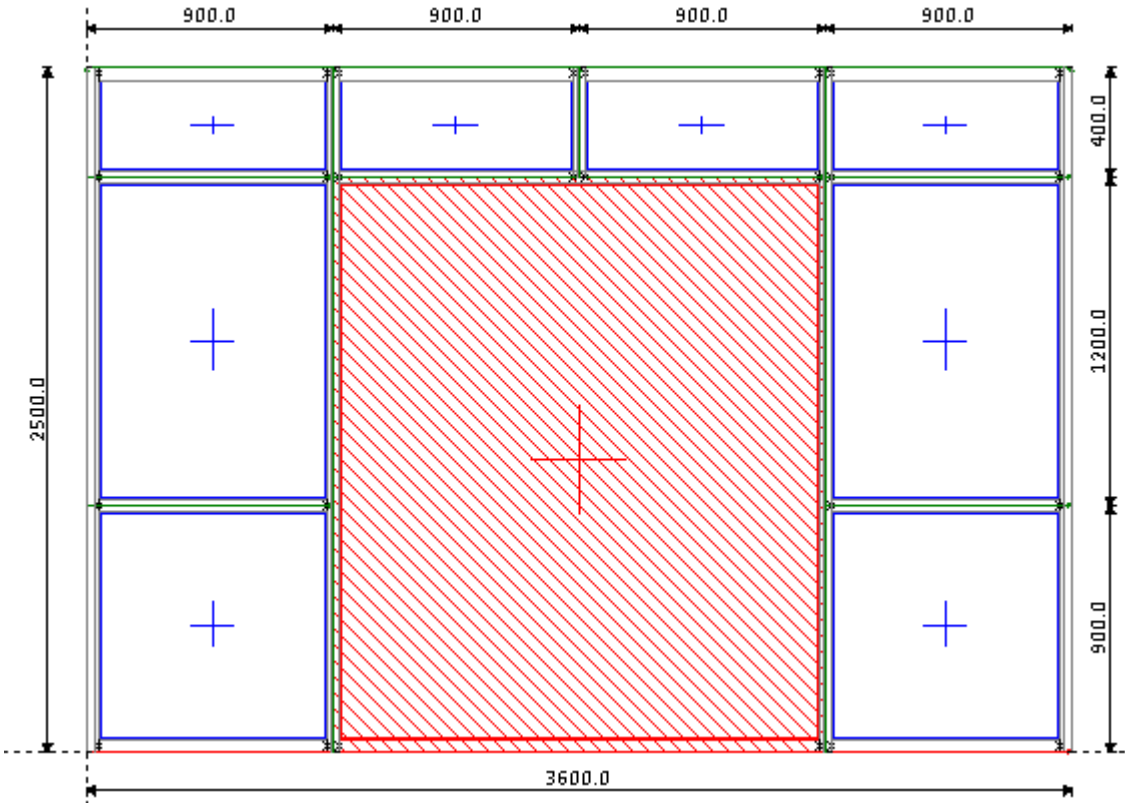


WE PURPOSELY ADDED AN EXTRA LIGHT TO ALLOW US TO USE MERGE ASSEMBLY BUT TO ALSO MAKE THE DOOR THAT WE WILL BE INSERTING THE SAME SIZE AS TWO LIGHTS. WE WILL BE PLACING A DOUBLE DOOR IN THE CENTRE.

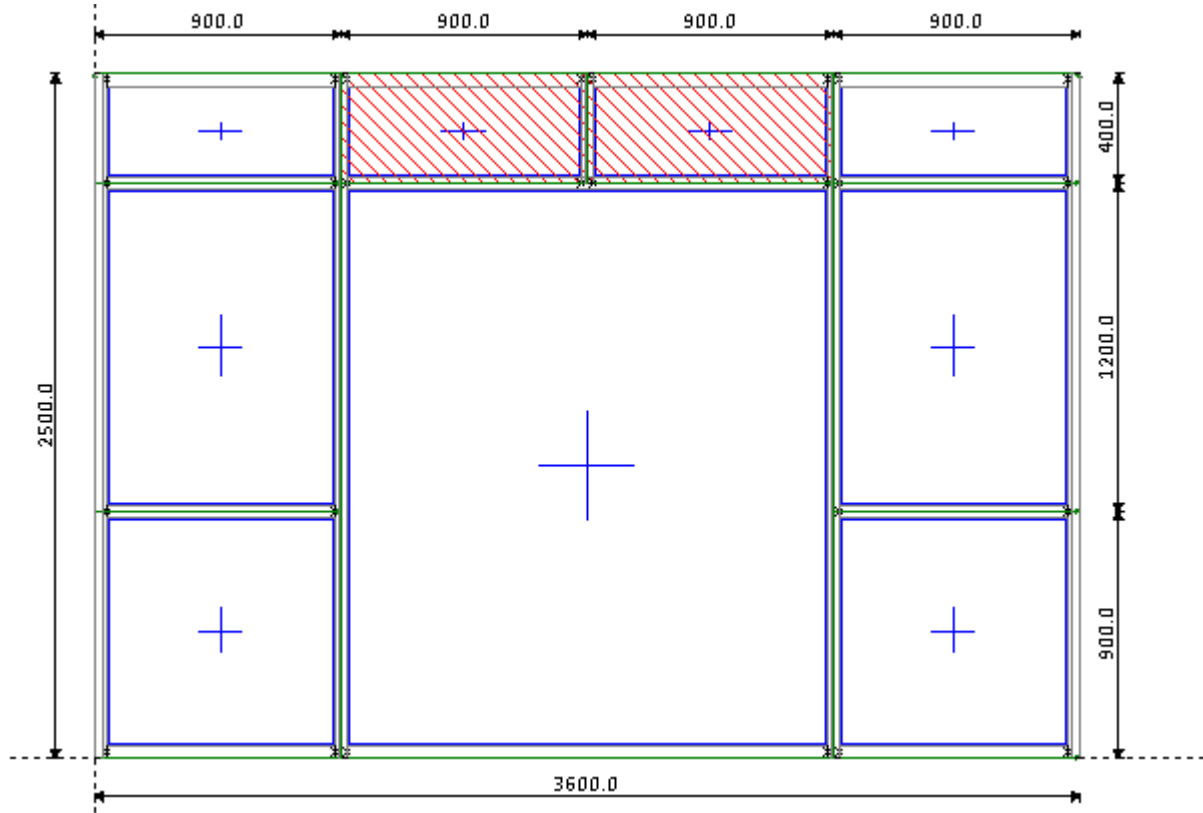
USING YOUR MOUSE AND SHIFT KEY HIGHLIGHT THE TWO LIGHTS TOGETHER AS SHOWN AND THEN CLICK ONTO THE YELLOW "MERGE LIGHT" BUTTON AS SHOWN



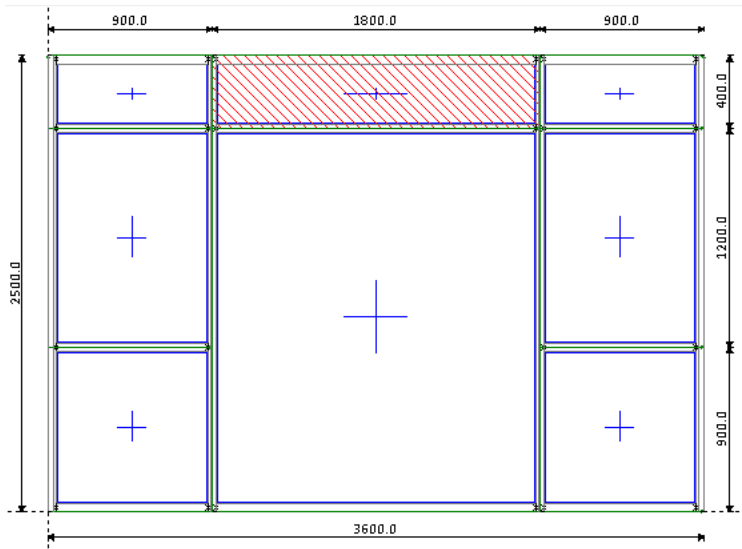
WE NOW HAVE A LARGE LIGHT IN THE CENTRE.



NOW REPEAT THE SAME THING FOR THE TWO LIGHTS AS SHOWN.

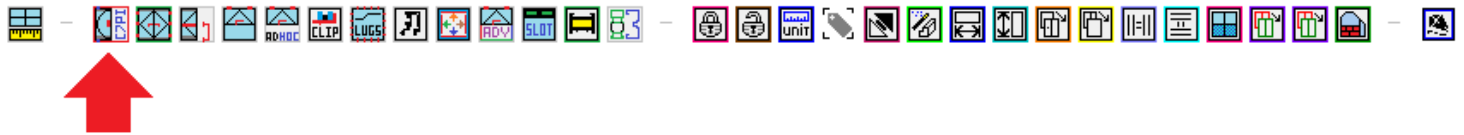


THE SCREEN NOW LOOKS AS BELOW.



WE NOW WANT TO ADD A DOOR LEAF INTO THIS OUTERFRAME.

HIGHLIGHT THE LIGHT WHERE WE ARE PLACING THE DOOR USING YOUR MOUSE. WE CAN NOW ADD A DOOR TO THE FRAME. CLICK ONTO THE DOOR BUTTON.



CLICK ONTO THE “Double + Mid” OPTION AND CLICK OK.

Recommended Transom Closer Sizes (based on width of each single Leaf)

Below 750mm Use Size 1

751 to 950mm Use Size 2

950 to 1150mm Use Size 3

Please revise the Transom Closer option as needed.

Genesis will not automatically change these.

<p><input type="radio"/> LH - Single</p> <p><input type="radio"/> LH - Security - Pas 24</p> <p><input type="radio"/> LH - Panic</p>	<p><input type="radio"/> LH - Single + Mid</p> <p><input type="radio"/> LH - Security - Pas 24</p> <p><input type="radio"/> Panic + Mid</p>	<p><input type="radio"/> RH - Single</p> <p><input type="radio"/> RH - Security - Pas 24</p> <p><input type="radio"/> Panic</p>	<p><input type="radio"/> RH - Single + Mid</p> <p><input type="radio"/> RH - Security - Pas 24</p> <p><input type="radio"/> Panic</p>
<p><input type="radio"/> Double</p> <p><input type="radio"/> DBL Security - Pas 24</p> <p><input type="radio"/> Panic</p>	<p><input checked="" type="radio"/> Double + Mid</p> <p><input type="radio"/> DBL Security - Pas 24</p> <p><input type="radio"/> Panic + Mid</p>	<p><input type="radio"/> Double</p> <p><input type="radio"/> DBL Security - Pas 24</p> <p><input type="radio"/> Panic</p>	<p><input type="radio"/> Double + Mid</p> <p><input type="radio"/> DBL Security - Pas 24</p> <p><input type="radio"/> Panic + Mid</p>

Header Bar
CS 993/992-TRANSOM(Glaze)
Threshold
CS 915-SVR-Poly D/Ramp

Handles
HD090 - 230mm Pad Handles

Locks
1 Hook Lock

Transom Closer
Size 2 - No Hold Open
Letterplate
No Letterplate

TopRail
CS777 - 59mm

BottomRail
CS778 - 81.5mm

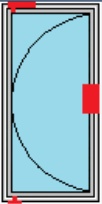
Midrail
CS783 - 110mm Midrail

Door Leaf Finish
As Frame Finish
COL:COMAR:POWE

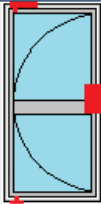
OK

Cancel

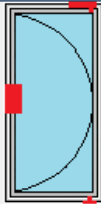
ALTHOUGH THE SOFTWARE AUTOMATES THE HEADER BAR SELECTION PLEASE ALWAYS DOUBLE CHECK THAT IF YOU HAVE GLASS ABOVE THE DOOR THAT YOU CHOOSE A GLAZED ABOVE OPTION. IF YOU HAVE A DIRECT OUTERFRAME ABOVE THE DOOR THEN YOU CHOOSE OUTER ONLY. THIS IS VERY IMPORTANT AS IT NOT ONLY EFFECTS THE ORDER BUT ALSO THE SIZE OF THE DOOR AND THE GLASS.



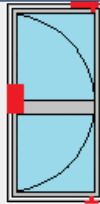
- ☐ LH - Single
- ☐ LH - Security - Pas 24
- ☐ LH - Panic



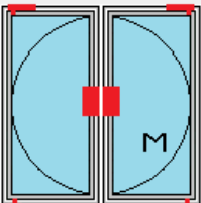
- ☐ LH - Single + Mid
- ☐ LH - Security - Pas 24
- ☐ LH - Panic + Mid



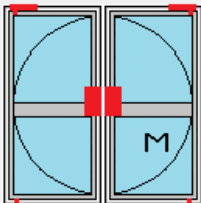
- ☐ RH - Single
- ☐ RH - Security - Pas 24
- ☐ RH - Panic



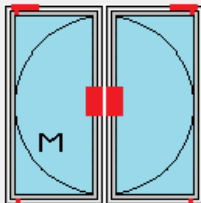
- ☐ RH - Single + Mid
- ☐ RH - Security - Pas 24
- ☐ RH - Panic



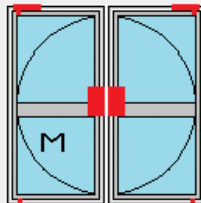
- ☐ Double
- ☐ DBL Security - Pas 24
- ☐ Panic



- ☒ Double + Mid
- ☐ DBL Security - Pas 24
- ☐ Panic + Mid



- ☐ Double
- ☐ DBL Security - Pas 24
- ☐ Panic



- ☐ Double + Mid
- ☐ DBL Security - Pas 24
- ☐ Panic + Mid

Header Bar

CS 993/992-TRANSOM(Glaze)

Threshold

CS 915-SVR-Poly D/Ramp

Handles

HD090 - 230mm Pad Handles

Locks

1 Hook Lock

Transom Closer

Size 2 - No Hold Open

Letterplate

No Letterplate

TopRail

CS777 - 59mm

BottomRail

CS778 - 81.5mm

Midrail

CS783 - 110mm Midrail


Door Leaf Finish

As Frame Finish

[COL:COMAR:POWE]

OK

Cancel



Recommended Transom Closer Sizes (based on width of each single Leaf)


Below 750mm
Use Size 1

751 to 950mm
Use Size 2

950 to 1150mm
Use Size 3

Please revise the Transom Closer option as needed.

Genesis will not automatically change these.



WHEN YOU HAVE CONFIRMED YOUR SELECTION THE BELOW SCREEN WILL APPEAR. THIS IS THE HEIGHT OF THE MIDRAIL FROM THE FLOOR LEVEL (BASED ON THE THRESHOLD THAT YOU HAVE CHOSEN, IT WILL AUTOMATICALLY ADJUST THE MIDRAIL TO SUIT). CHANGE THIS FIGURE TO BE 900MM. THEN CLICK OK. (WHEN THE MASTER LEAF WIDTH BOX COMES UP LEAVE AS STANDARD AND CLICK OK. (THIS WILL CHANGE DEPENDING ON THE WIDTH OF THE FRAME)

Mid Rail Height

Enter Mid Rail height from Floor level

OK

Cancel

900

Master Leaf Width

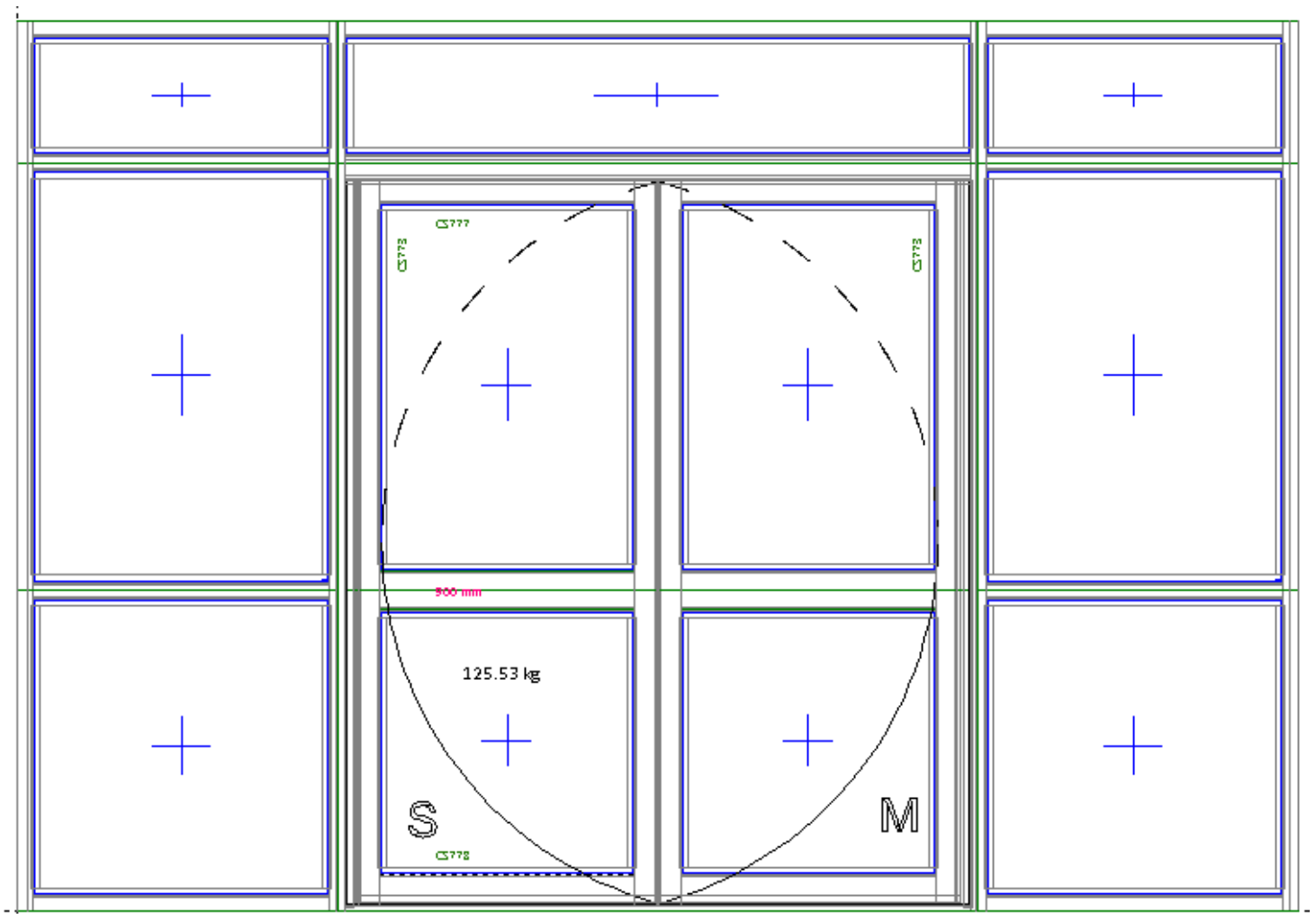
Enter Master Leaf Width

OK

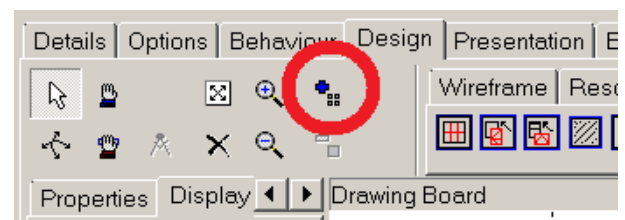
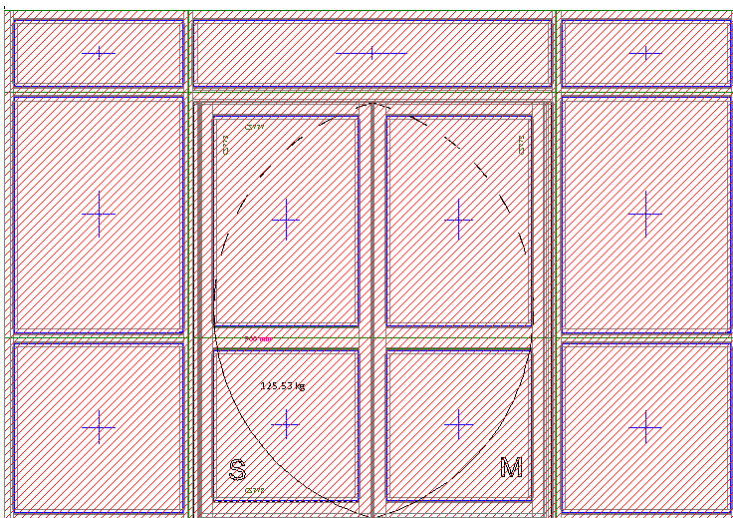
Cancel

769.5

THIS WILL NOW SHOW YOU THE NEW DESIGN.



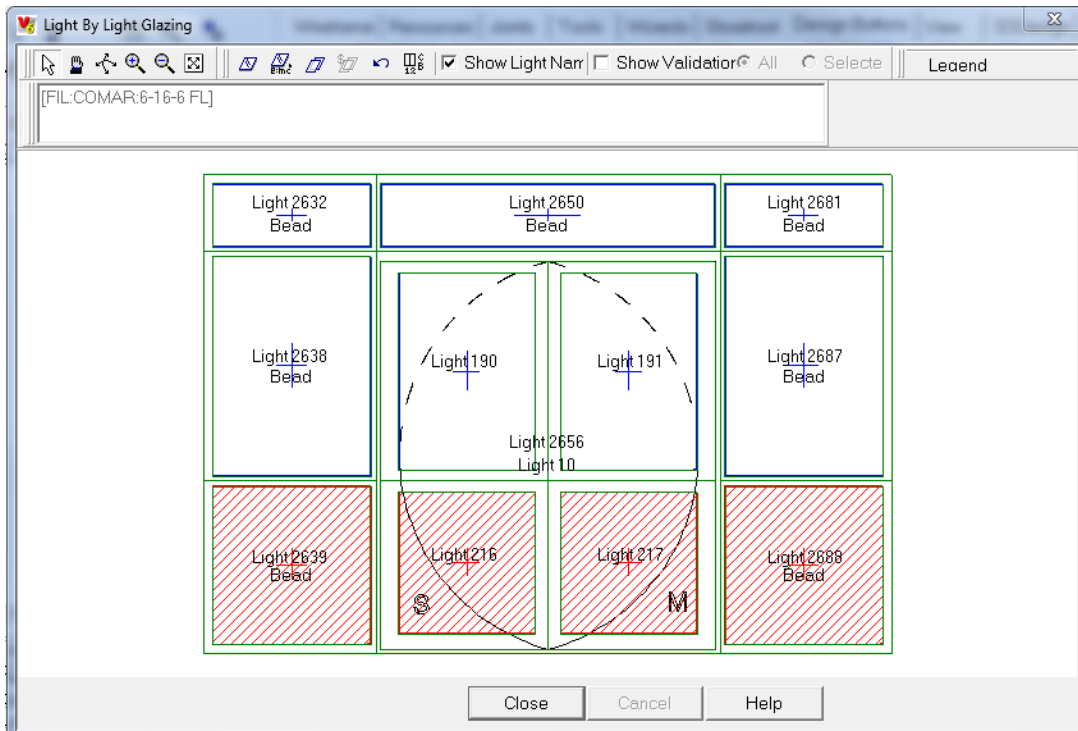
TO SHOW YOU THE DOOR PROPERLY YOU WILL SEE THAT THE DIMENSIONS HAVE DISAPPEARED. WE WILL BE MAKING SOME MORE CHANGES TO THE FRAME, BUT BEFORE WE CAN DO THAT, WE NEED TO HAVE THE DIMENSIONS SHOWING. TO DO THIS, WE NEED TO CLICK ZOOMINTO. HIGHLIGHT THE FRAME IN THE CENTRE USING YOUR MOUSE. YOU WILL SEE IT TURN RED. NOW CLICK ONTO “ZoomInto” AS SHOWN BELOW (RIGHT).



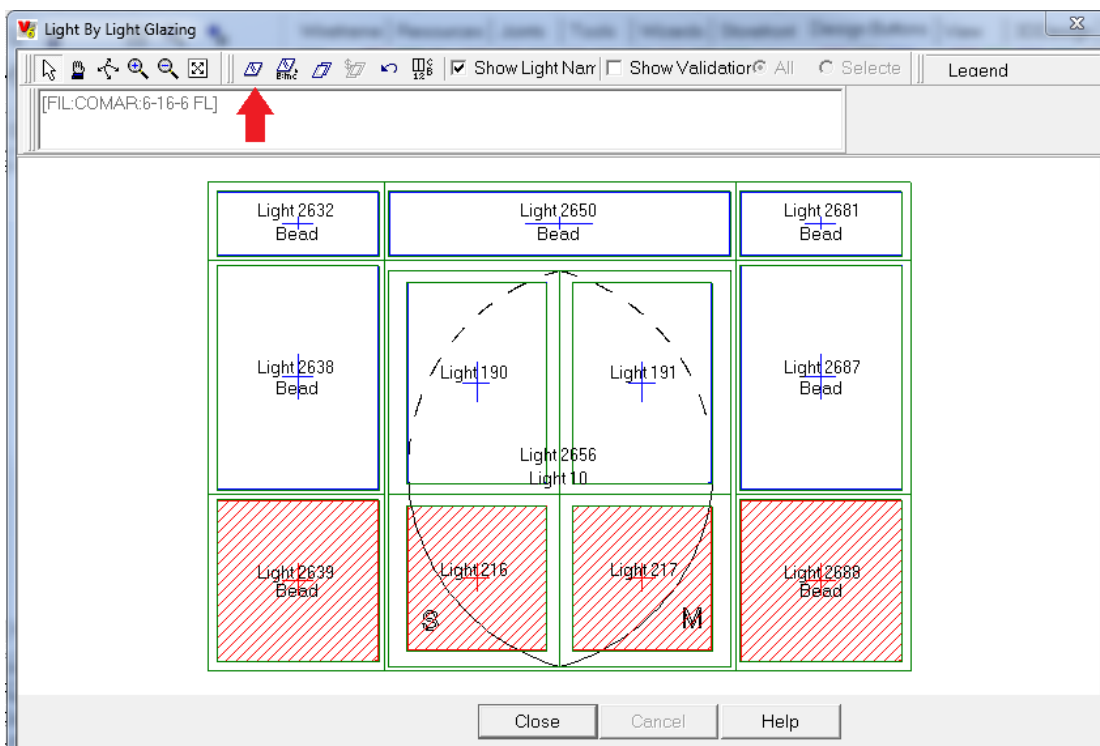
ONE LAST THING THAT WE WANT TO COVER ON BUILDING THIS SCREEN IS CHANGING GLASS TO A PANEL. CLICK ONTO THE LIGHT BY LIGHT GLAZING BUTTON AS SHOWN BELOW.



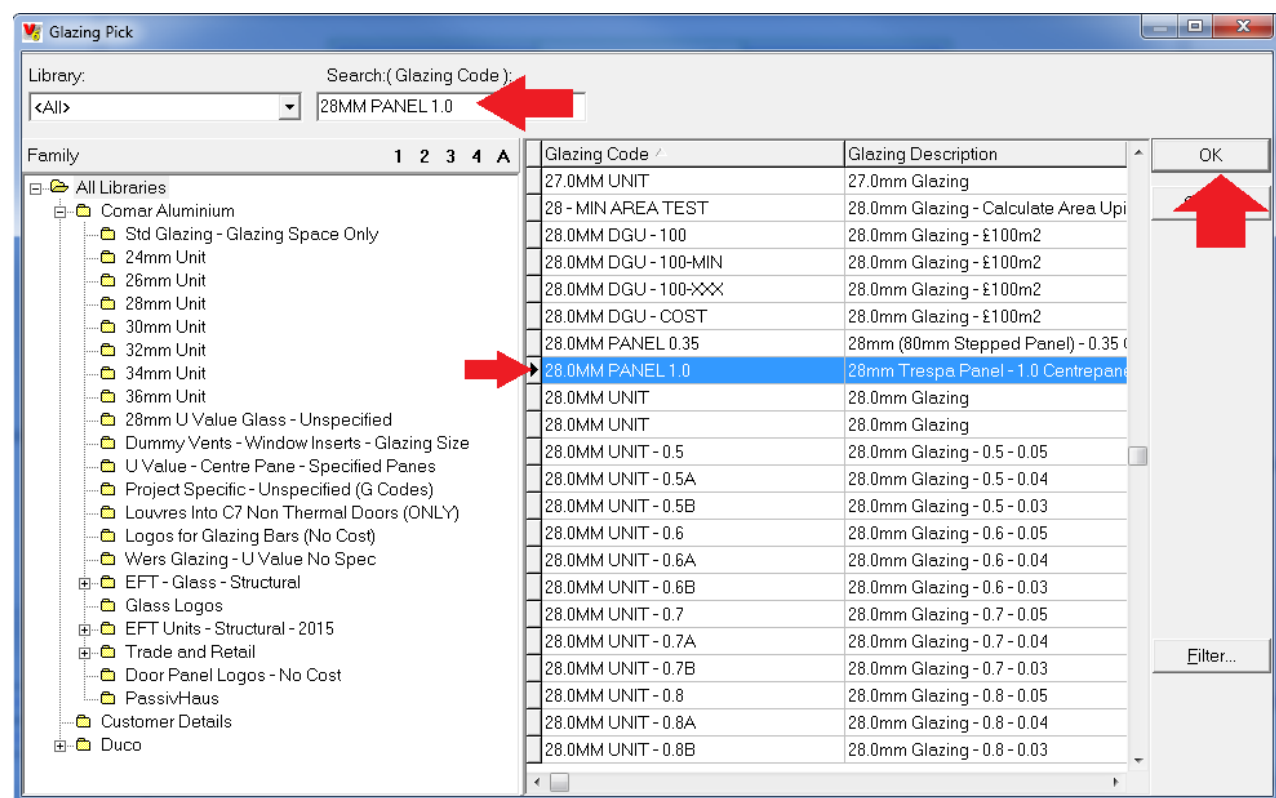
USING YOUR MOUSE AND THE SHIFT KEY ON YOUR KEYBOARD HIGHLIGHT ALL THREE BOTTOM LIGHTS (AS SHOWN).



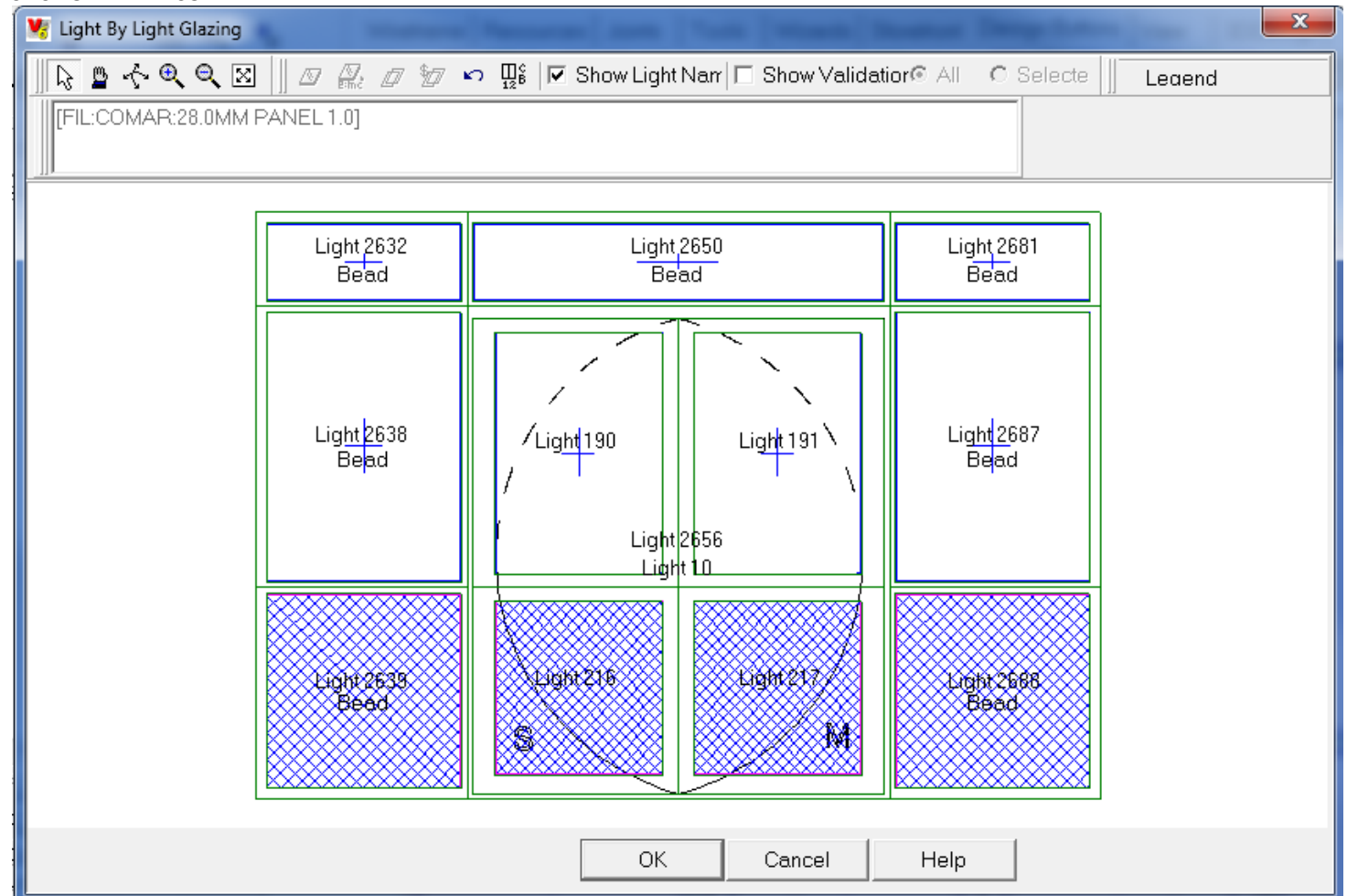
NOW CLICK ONTO THIS BUTTON TO CHANGE THE GLAZING.



TYPE THE CODE “28MM PANEL 1.0” INTO THE SEARCH (GLAZING CODE) FIELD AND WHEN IT FINDS IT IN THE LIST, HIGHLIGHT IT IN THE LIST AND THEN CLICK OK.



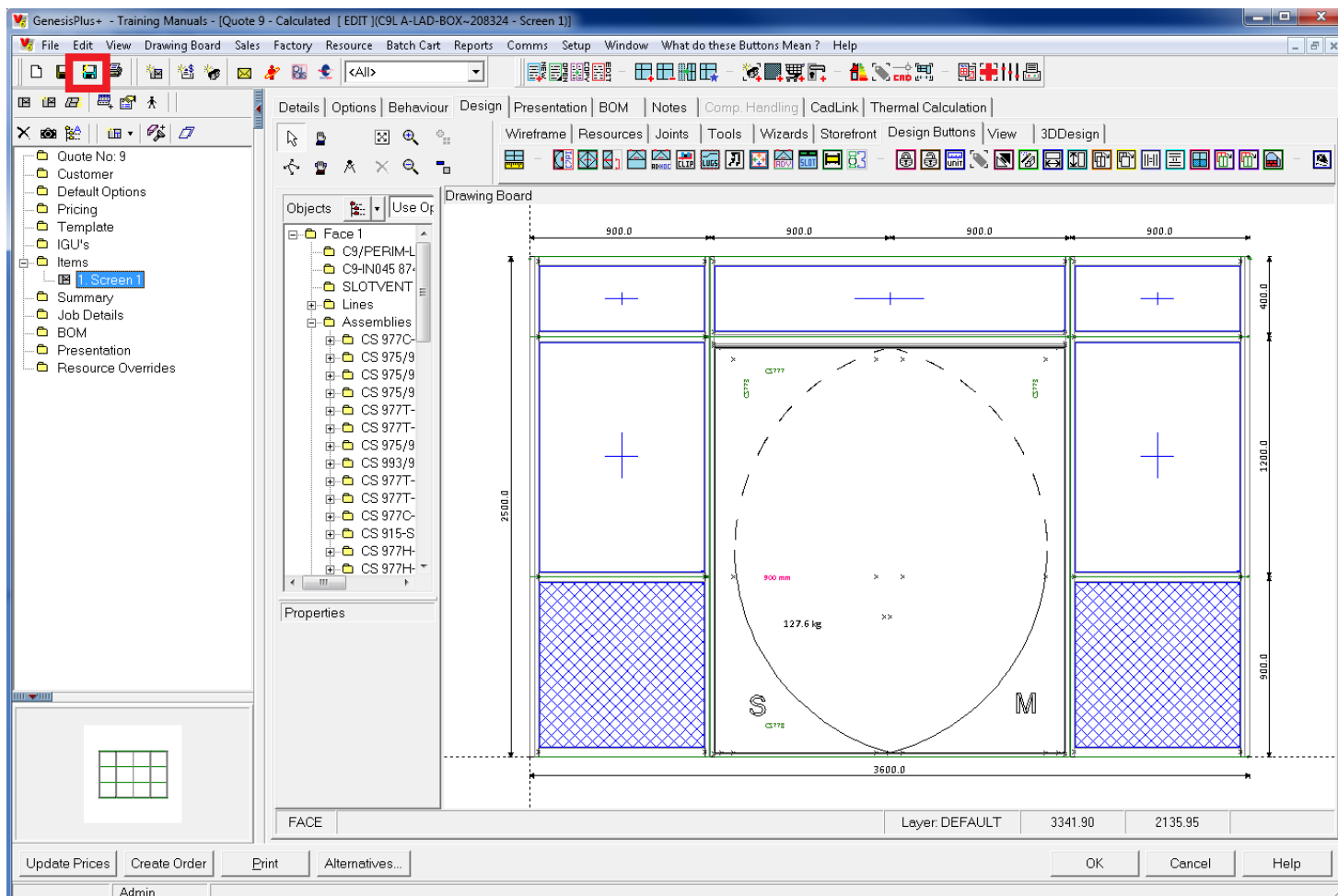
THIS WILL NOW BRING THE OTHER SCREEN BACK AND YOU WILL SEE THAT THERE IS A PANEL LOGO IN THE BOTTOM THREE LIGHTS. CLICK OK WHEN COMPLETE



THIS SCREEN IS NOW COMPLETE.

IT IS ALWAYS A GOOD IDEA TO SAVE THE QUOTE AFTER EACH ITEM HAS BEEN ADDED OR AFTER ADDING A FEW ITEMS, THIS WILL MEAN THAT IF YOUR COMPUTER HAS A PROBLEM OR SHUTS DOWN THEN IT WILL SAVE THE QUOTE AT THE POINT THAT YOU SAVE IT.

CLICK ONTO THIS BUTTON (QUICK SAVE) TO SAVE IT.



UNLIKE A LOT OF OTHER PROGRAMS YOU DO NOT HAVE TO CLICK ONTO THE OK BUTTON AT THE BOTTOM TO SAVE IT OR COMPLETE THE CHANGES. THIS OK BUTTON WILL BEING YOU OUT OF THE QUOTE AND SHUT IT DOWN.

IF YOU DO CLICK THIS BUTTON THEN CLICK BACK ONTO THE OPEN QUOTE BUTTON TO OPEN IT BACK UP.



EDIT A QUOTE. THIS WILL OPEN A QUOTE THAT YOU HAVE ALREADY STARTED AND SHUT DOWN



Page No: 2

ELEVATION PORTRAIT

Date/Time: 29/01/2018 17:05:57

Quote Title: School - Training Manual

Quote No: SH-3- -Ver 3

Cust Name:

Job Ref:

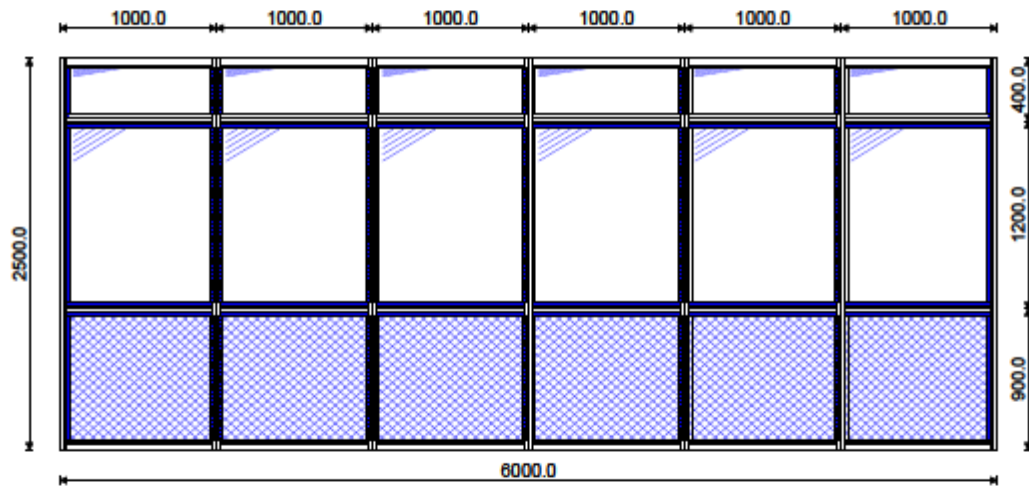
Finish:

Deliv Date:

Other:



Do Not Scale



Item Description: Comar 9PI (100mm) - Loose Beaded L/Frame Item Number: 2

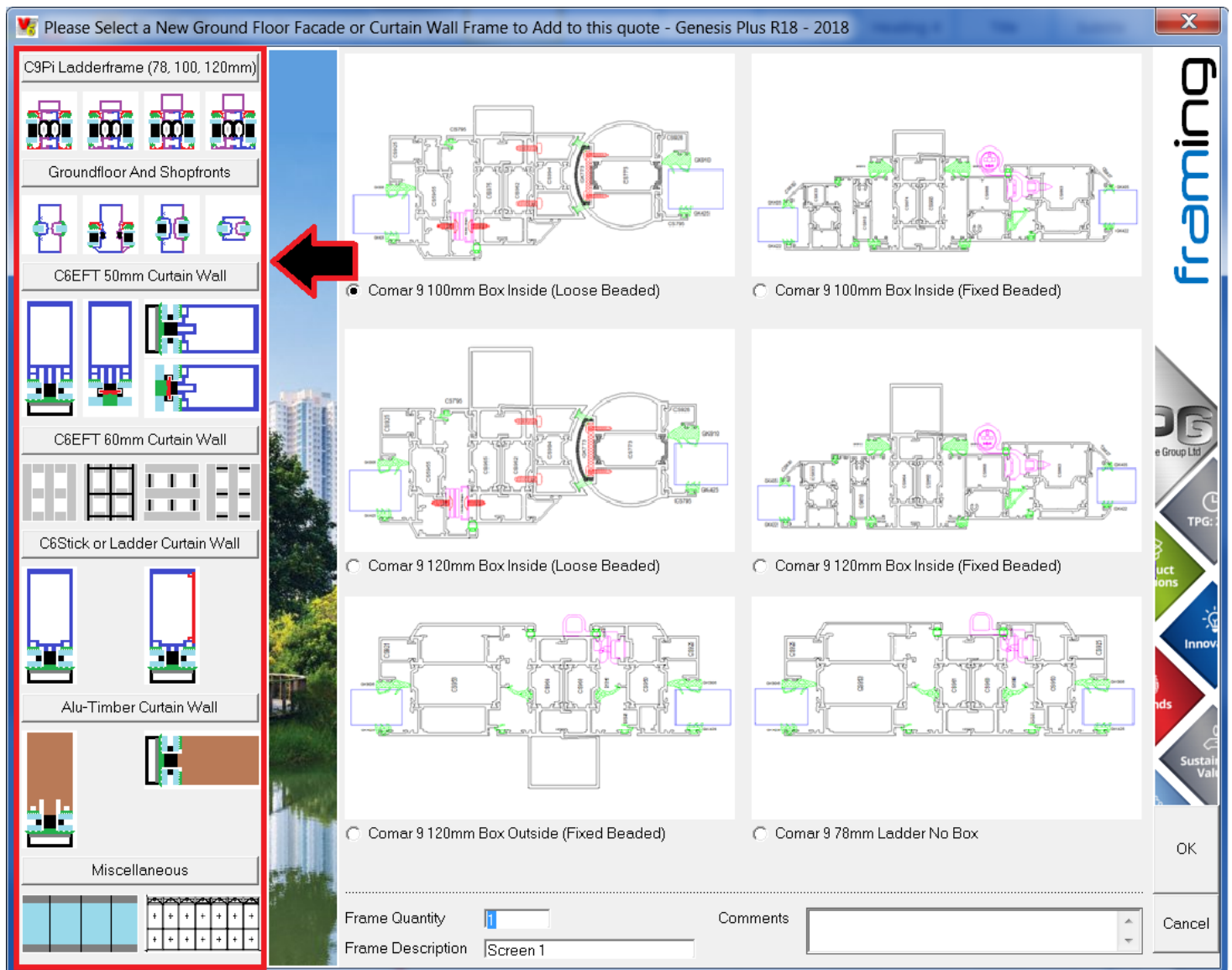
Quantity: 1

ADDING A FRAME TO THE QUOTE

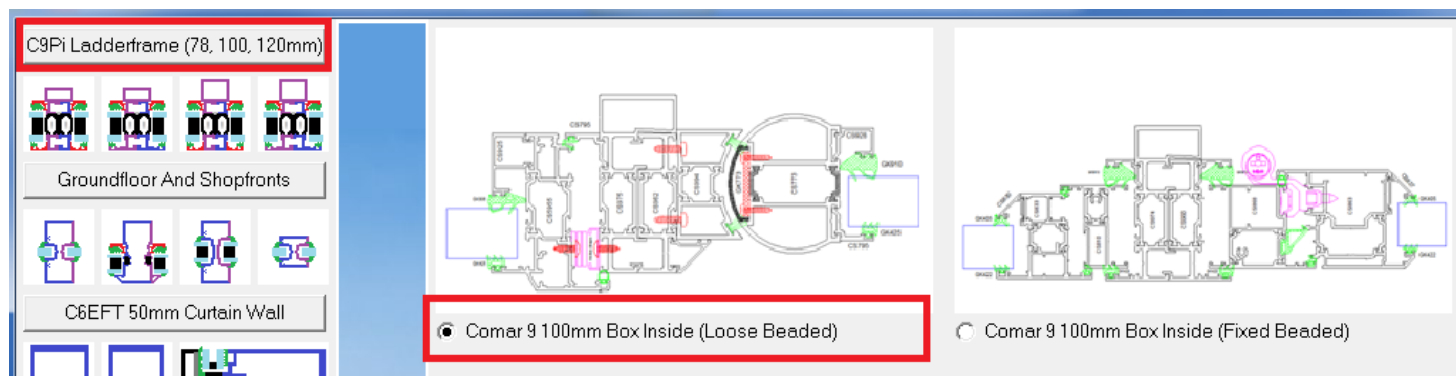
WE NOW WANT TO ADD A FRAME TO THE QUOTE. CLICK ONTO THE “ADD A FRAME” BUTTON



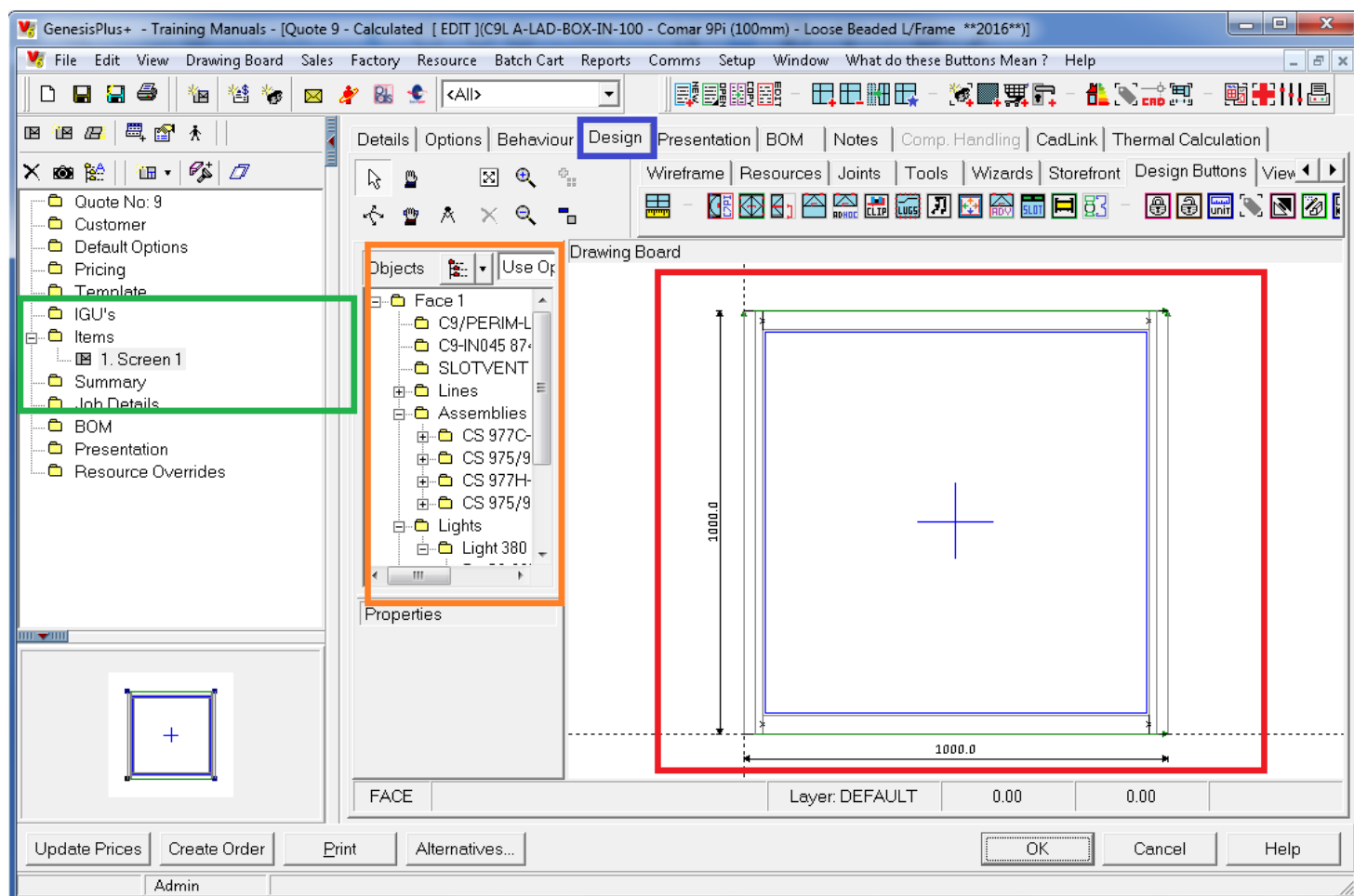
THE FOLLOWING SCREEN WILL APPEAR. THIS SHOWS YOU THE ENTIRE STANDARD FRAMING SYSTEMS THAT WE HAVE. YOU WILL SEE THAT THERE ARE TABS DOWN THE LEFT SIDE WHICH FILTER DOWN THE DIFFERENT TYPES OF SYSTEMS WHEN YOU CLICK ONTO THEM. **PLEASE DO NOT CLICK OK YET**



FOR THE FIRST SCREEN WE WANT TO USE THE COMAR 9 100MM BOX INSIDE LOOSE BEADED. THIS IS LOCATED UNDER THE C9PI LADDERFRAME + C7PI CD DOOR TAB WHICH IS THE DEFAULT TAB THAT CAME UP, CLICK ONTO THE COMAR 3 (ROUND RADIO BUTTON) AS SHOWN AND THEN CLICK OK AT THE BOTTOM OF THE ADD FRAME BOX (SEE ABOVE).



NOW THAT YOU HAVE ADDED A FRAME TO THE QUOTE YOU WILL SEE THAT YOU NOW HAVE ONE ITEM LISTED IN THE LEFT HAND SIDE SCREEN, (THIS WILL LIST ANY FRAMES THAT YOU HAVE ADDED TO YOUR QUOTE). THE RIGHT HAND SIDE OF THE SCREEN IS THE DESIGN SCREEN AND YOU CAN SEE THAT IT HAS ADDED A FRAME 1000MM X 1000MM. IN A MOMENT WE WILL CHANGE THE DESIGN. YOU WILL NOT HAVE THE COLOURED BOXES AS SHOWN BELOW THEY WILL BE USED TO HIGHLIGHT SOME AREAS IN ONE MOMENT.



BEFORE WE CHANGE THE DESIGN OF THIS SCREEN, LETS TAKE A BIT OF TIME GETTING USED TO THE NEW MENUS THAT YOU CAN ACCESS NOW WE HAVE ADDED A FRAME.

DESIGN

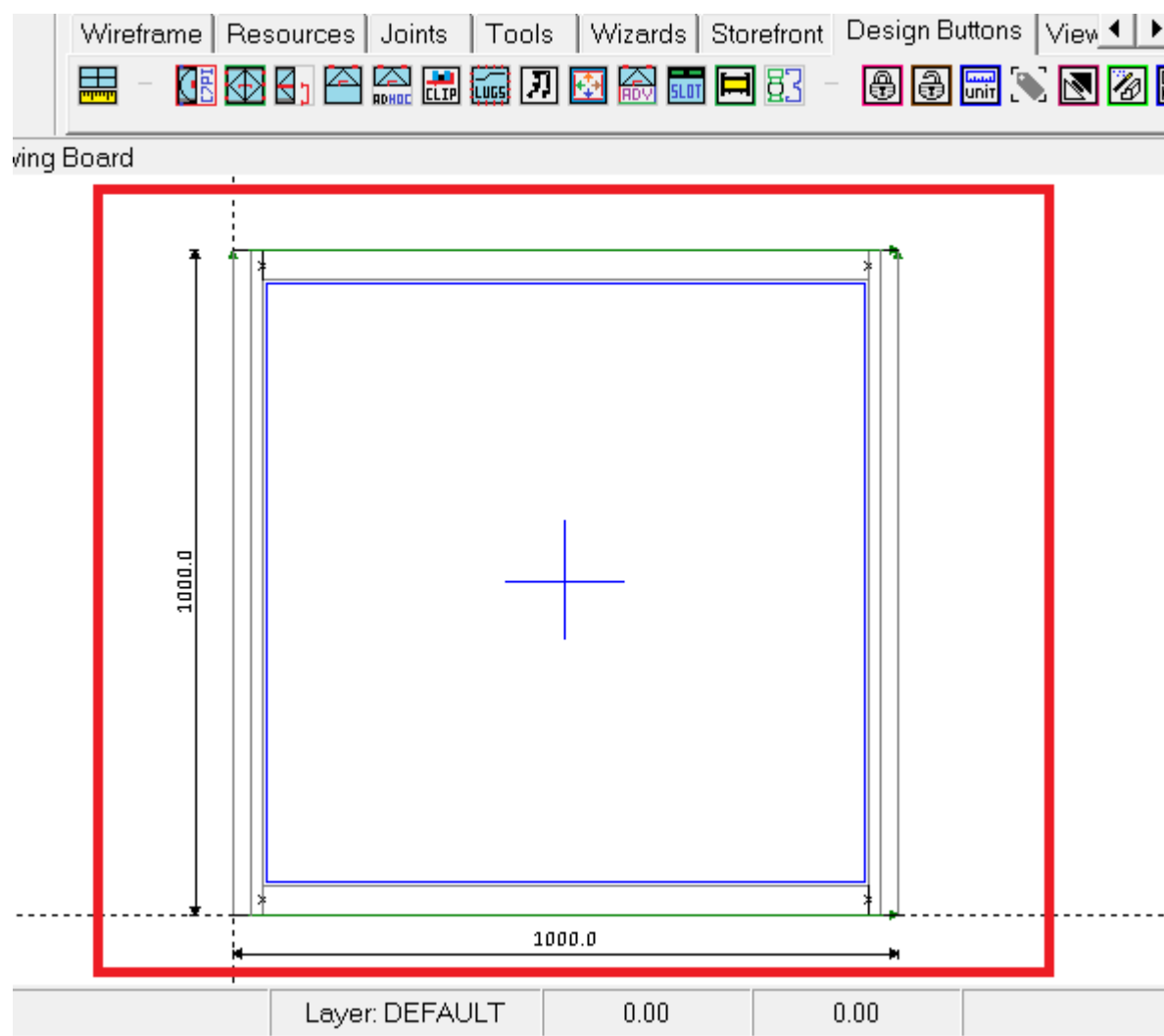
THE DESIGN SCREEN DRAWING BOARD WILL SHOW YOU WHAT THE FRAME LOOKS LIKE, ALL CHANGES TO THE FRAME INCLUDING ADDING TRANSOMS, CHANGING SIZES ETC AND ADDING WINDOWS OR DOORS ARE DONE HERE. THE FRAMES SHOWN ARE BEING BUILT IN FULL SIZED EXTRUSIONS SO THE SCALE IS A TRU REPRESENTATION OF THE FINISHED PRODUCT.

WHEN YOU HIGHLIGHT A FRAME IN THE ITEMS TAB (AS SHOWN IN THE LEFT HAND SIDE ABOVE IN GREEN) THE DESIGN SCREEN/DRAWING BOARD SHOWS YOU THE DESIGN FOR THAT ITEM, YOU CAN CLICK BETWEEN THE FRAMES (ITEMS) IF YOU HAVE MORE THAN ONE IN A QUOTE AND IF YOU ARE IN THE DESIGN SCREEN THE FRAME SHOWN WILL SWITCH TO SHOW YOU THE ONE THAT YOU HAVE HIGHLIGHTED.

THE ORANGE RECTANGLE INDICATES THE OBJECTS BOX, THIS LISTS ALL THE ASSEMBLIES YOU HAVE USED AS WELL AS GLASS AND DOORS.

CHANGING THE DESIGN

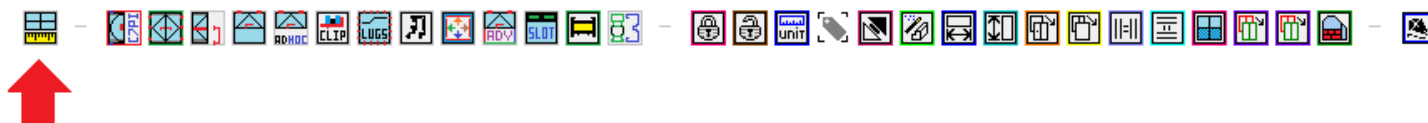
WE ARE NOW GOING TO CHANGE THE DESIGN OF THE FRAME SO WE NOW MOVE DOWN TO THE DRAWING BOARD (WHILST IN DESIGN) AND THERE ARE MACRO DESIGN BUTTONS WHICH ARE RELEVANT TO THE FRAME THAT WE ARE VIEWING AT THAT TIME. THERE ARE QUITE A FEW BUTTONS HERE (AND THEY ARE SMALL) BUT GENERALLY THE FIRST SET OF BUTTONS ARE TO CHANGE THE DESIGN OF THE FRAME, ADDING DOORS AND ADDING WINDOWS. THE SECOND SET OF BUTTONS ARE SIMPLE COMMANDS LIKE CHANGING SECTIONS, SPLITTING LIGHTS (ADDING MULLIONS OR TRANSOMS), MERGING LIGHTS (DELETING MULLIONS OR TRANSOMS), CHANGING HEIGHTS OR TRANSOMS AND WIDTHS OF MULLIONS AND CHANGING GLASS. YOU WILL NOTICE THAT THE AMOUNT OF BUTTONS THAT YOU SEE WHEN DESIGNING DIFFERENT SYSTEMS WILL CHANGE DEPENDING ON WHAT FRAME YOU ARE DESIGNING. I.E YOU WOULN'T HAVE A DOOR BUTTON FOR BUILDING A WINDOW. LIKE AUTOCAD THE BUTTONS ARE THERE TO MAKE IT QUICKER TO PERFORM EVERYDAY TASKS.



WE ARE NOW GOING TO CHANGE THE DESIGN AND DIMENSIONS OF THIS FRAME, IN MOST CASES THE FIRST BUTTON SHOWN IN THE DESIGN SCREEN WILL PERFORM A TASK TO CHANGE THE DESIGN OR THE DIMENSIONS.

(IF YOU WANT TO EXPLORE WHAT THESE BUTTONS DO YOU CAN USE YOUR MOUSE TO HOVER OVER THE BUTTON AND IT SHOULD TELL YOU WHAT COMMAND THE BUTTON PERFORMS).

CLICK ONTO THE FIRST BUTTON.









THIS WILL BRING UP THE REBUILD BUTTON, WE WILL BE CHANGING THE SIZES LATER ON.

THIS SCREEN WHICH IS ONE OF THE COMMON SCREENS HANDLES THE MOST PART OF THE FRAMING PART OF OUR DESIGN (EXCLUDING ADDING DOORS ETC).

WE CAN CHANGE THE WIDTH, HEIGHT LIGHTCODE OR COLUMNS AND ROWS, THE DESCRIPTION AND QUANTITY OF THE FRAME, EXTRUSION FINISH, AND SECTIONS TO BE USED.

THE DEFAULT SECTIONS FOR THE HEAD, TRANSOMS ETC ARE BASED ON OUR TECHNICAL MANUAL, IN MOST CASES YOU MAY NEED TO CHECK THE WINDLOADING FOR THE FRAMES TO INDICATE WHAT MULLIONS OR TRANSOMS TO USE, BUT AS STANDARD THESE WILL BE THE SECTIONS TO USE (SUBJECT TO WINDLOADINGS). **DO NOT CLICK OK**

Comar 9 - Framing - 100mm Box on Inside - Loose Beaded

Frame Width 1000	Frame Height 1000	Sub Cill Type None	Head Profile CS 977-100mm Loose-Box In- IYY - 19.1	lvy Req - 1.04	Head 
Lightcode 1	Single or Dual Colour Single Colour	Cill Profile CS 977-100mm Loose-Box In- IYY - 19.1	lvy Req - 1.04	Transom 	
Columns 1	Rows 1	Outside Finish [COL:COMAR:WHITE (WHITE)]	Left Profile CS 975/962-100mm Loose-Box In- IXX - 112.40	lxx Req - 0	Cill 
Frame Quantity 1	Glass [FIL:COMAR:6-16-6 FL]	Transom Profile CS 977 100mm Loose - Box In - IYY - 19.1	lvy Req - 1.04	Mullion Profile CS-100mm Loose-Box In- IXX - 112.40	lxx Req - 0
Frame Description Screen 1	Foam (Does not change Thermal Calcs) No Foam	Left Jamb 	Mullion 	Right Jamb 	Create Cancel
Fixing Strap No Fixing Straps	Item Comments				
Security Clips (24,28 or 32mm Only) No Security Clips					

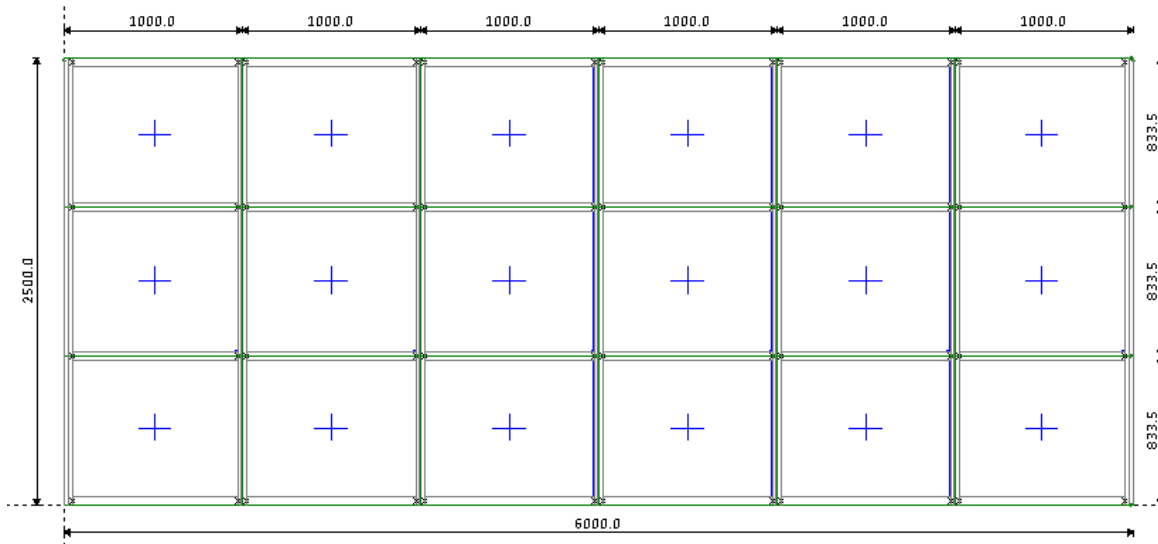
YOU WILL SEE THAT THE BELOW SCREEN HAS ALREADY SELECTED THE PROFILES THAT ARE THE STANDARD DEFAULT FOR THIS SYSTEM. (SHOWN ON THE RIGHT HAND SIDE), THE SOFTWARE WILL NOT WINDLOAD THESE SECTIONS SO PLEASE BE AWARE THAT ALTHOUGH THEY ARE DEFAULT THEY DO NOT LOOK AT THE SIZE OF THE FRAME.

THE ONLY THINGS THAT WE NEED TO CHANGE ON THIS SCREEN ARE:

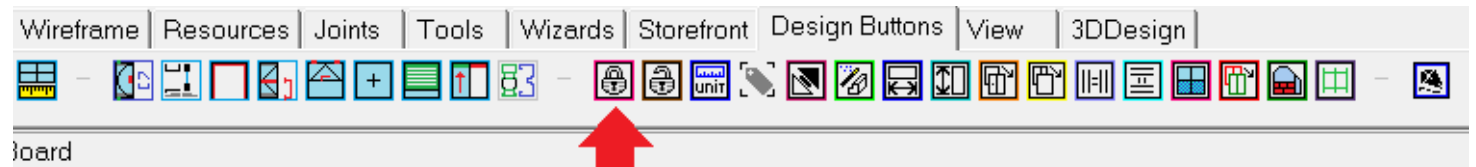
- 6) THE FRAME WIDTH
- 7) THE FRAME HEIGHT
- 8) THE LIGHTCODE (AS EXPLAINED EARLIER, THIS IS JUST ANOTHER WAY TO SPECIFY COLUMNS & ROWS BUT YOU COULD USE THE COLUMNS AND ROW FIELDS IF YOU LIKE.
- 9) THE DESCRIPTION OF FRAME OR A FRAME CODE. I.E "ED1", IF YOU DO NOT HAVE AN ITEM NUMBER IT IS A GOOD IDEA TO USE FRAME 1, FRAME 2 ETC TO AVOID CONFUSION.
- 10) YOU WILL SEE THAT IT HAS ALSO BOUGHT THROUGH THE FRAME DEFAULTS FOR THE FINISH AND THE GLASS AS CHOSEN EALIER ON.

WHEN YOU HAVE CHANGED THE HIGHLIGHTED ITEMS PLEASE CLICK CREATE.

THE SCREEN HAS NOW BEEN REDESIGNED.



AS WE HAVE CONNECTING TRANSOMS (I.E TRANSOMS THAT SIT AT THE SAME HEIGHT), WE CAN LOCK THEIR POSITIONS TOGETHER. THIS ONLY WORKS IF THE TRANSOMS ARE NEXT TO EACH OTHER. TO DO THIS WE CLICK ONTO THE LOCK BUTTON. THE ONE NEXT TO IT UNLOCKS THE TRANSOMS.



AS THIS SCREEN HAS SOME TRANSOMS IN IT WE WANT TO MOVE THE HEIGHTS SO THAT WE CAN ADD A DOOR . HIGHLIGHT ONE OF THE BOTTOM LIGHTS AND THEN CLICK ONTO THE CHANGE TRANSM HEIGHT.



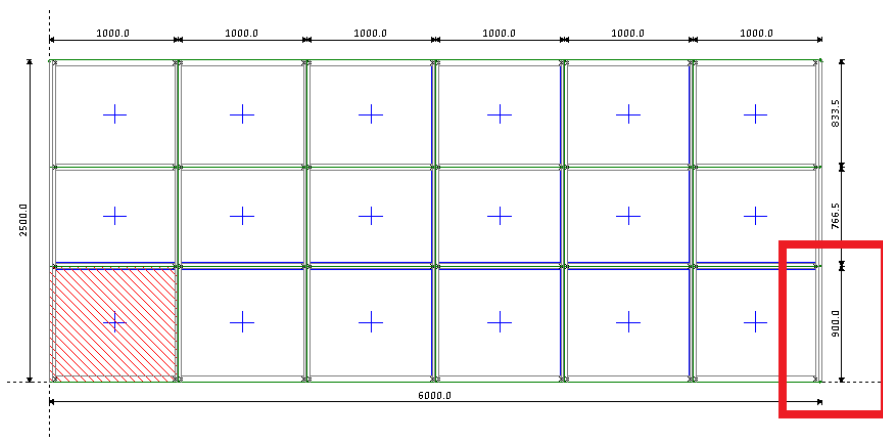
THE FOLLOWING SCREEN WILL APPEAR, ALTHOUGH THERE ARE ALOT OF DETAILS SHOWN ON THIS SCREEN BUT THE PARTS WE ARE INTERESTED ARE VERY FEW.

- 4) DIMENSION DISTANCE, THIS IS A TEXT BOX AND REPRESENTS THE NEW DIMENSION THAT WE NEED TO ADD – (SEE DIMENSIONING PAGE SPECIFYING WHERE THE DIMENSIONS ARE TAKEN FROM SHOWN EARLIER).
- 5) MEMBER TO ADJUST. IF YOU WANT TO MOVE THE TRANSM ABOVE THE LIGHT THAT WE HAVE HIGHLIGHTED THEN WE CHOOSE TOP, IF WE WANT TO MOVE THE TRANSM BELOW THE LIGHT THAT WE HAVE HIGHLIGHTED THEN WE CHOOSE BOTTOM. (WE WILL CHOOSE TOP IN THIS CASE)
- 6) THE OK BUTTON MAKES THE CHANGE FOR US.

CHANGE THE DIMENSION AND CLICK THE TOP TICK BOX IGNORE ALL OTHER DETAILS SHOWN IN THE BOX AND NOW CLICK OK.

The image shows the 'Vertical Dimension Wizard' dialog box. The 'Dimension Name' is 'Dimension 4060'. The 'Dimension Distance' is set to '900' (highlighted with a red box). Below it, 'Distance = 900.00 mm' is displayed. The 'Member to adjust' section has the 'Top' radio button selected (highlighted with a red box). Other fields include 'Dimension Scheme' (CUSTOM), 'Top reference object' (WIREFRAME), 'Bottom reference object' (WIREFRAME), and 'Text Placement' (Above). There are checkboxes for 'Display', 'Place Dimension On' (Left of face, Right of face), and 'Constrain Dimension' (None, Fixed, Specify). The 'Extension Line' section has a checkbox for 'User Defined' and a 'Length' field set to '0.00'. At the bottom are 'OK', 'Cancel', and 'Help' buttons.

THE TRANSOM HEIGHT HAS NOW CHANGED.



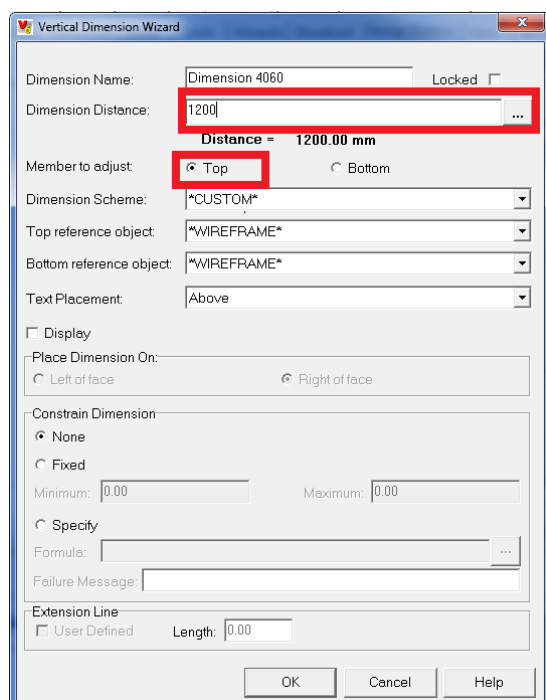
WE NOW WANT TO DO THE SAME ON THE SECOND TRANSOM. HIGHLIGHT ONE OF THE MIDDLE LIGHTS AND THEN CLICK ONTO THE CHANGE TRANSOM HEIGHT.



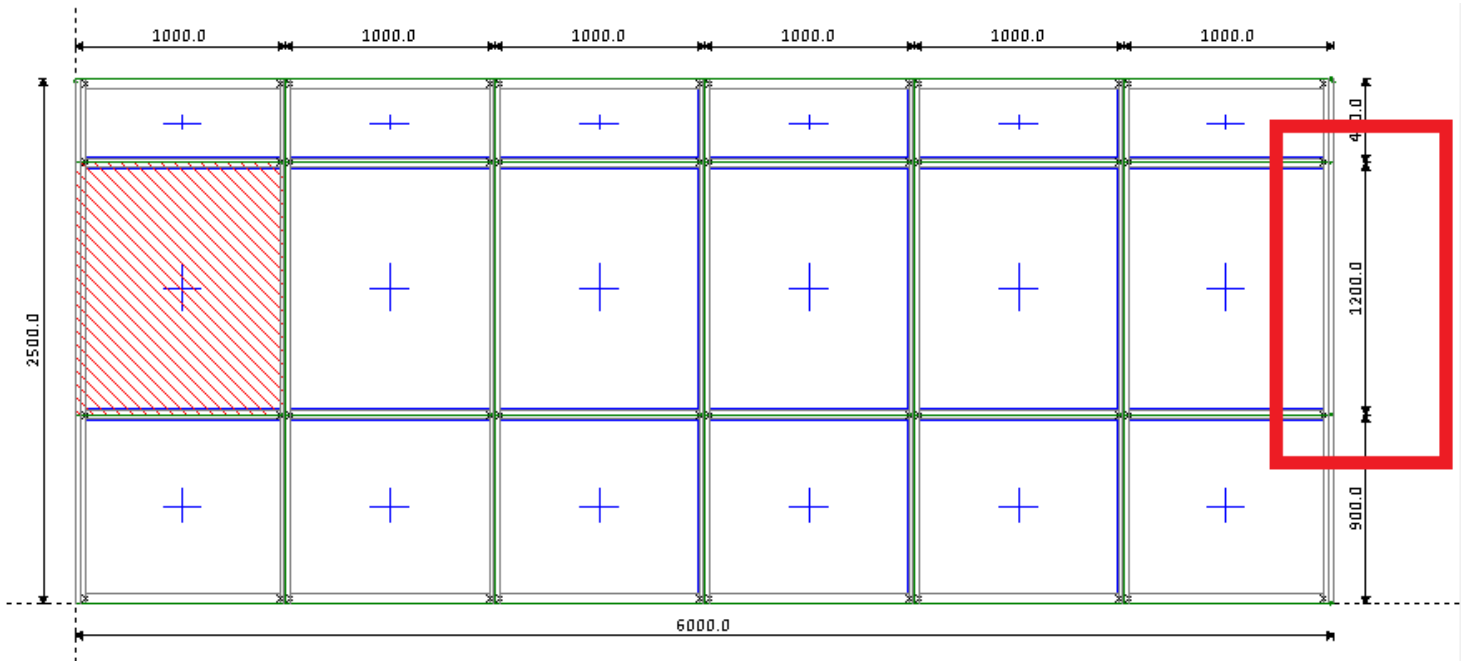
THE FOLLOWING SCREEN WILL APPEAR, ALTHOUGH THERE ARE A LOT OF DETAILS SHOWN ON THIS SCREEN BUT THE PARTS WE ARE INTERESTED ARE VERY FEW:

- 4) DIMENSION DISTANCE, THIS IS A TEXT BOX AND REPRESENTS THE NEW DIMENSION THAT WE NEED TO ADD – (SEE DIMENSIONING PAGE SPECIFYING WHERE THE DIMENSIONS ARE TAKEN FROM SHOWN EARLIER).
- 5) MEMBER TO ADJUST. IF YOU WANT TO MOVE THE TRANSOM ABOVE THE LIGHT THAT WE HAVE HIGHLIGHTED THEN WE CHOOSE TOP, IF WE WANT TO MOVE THE TRANSOM BELOW THE LIGHT THAT WE HAVE HIGHLIGHTED THEN WE CHOOSE BOTTOM. (WE WILL CHOOSE TOP IN THIS CASE)
- 6) THE OK BUTTON MAKES THE CHANGE FOR US.

CHANGE THE DIMENSION AND CLICK THE TOP TICK BOX IGNORE ALL OTHER DETAILS SHOWN IN THE BOX AND NOW CLICK OK.



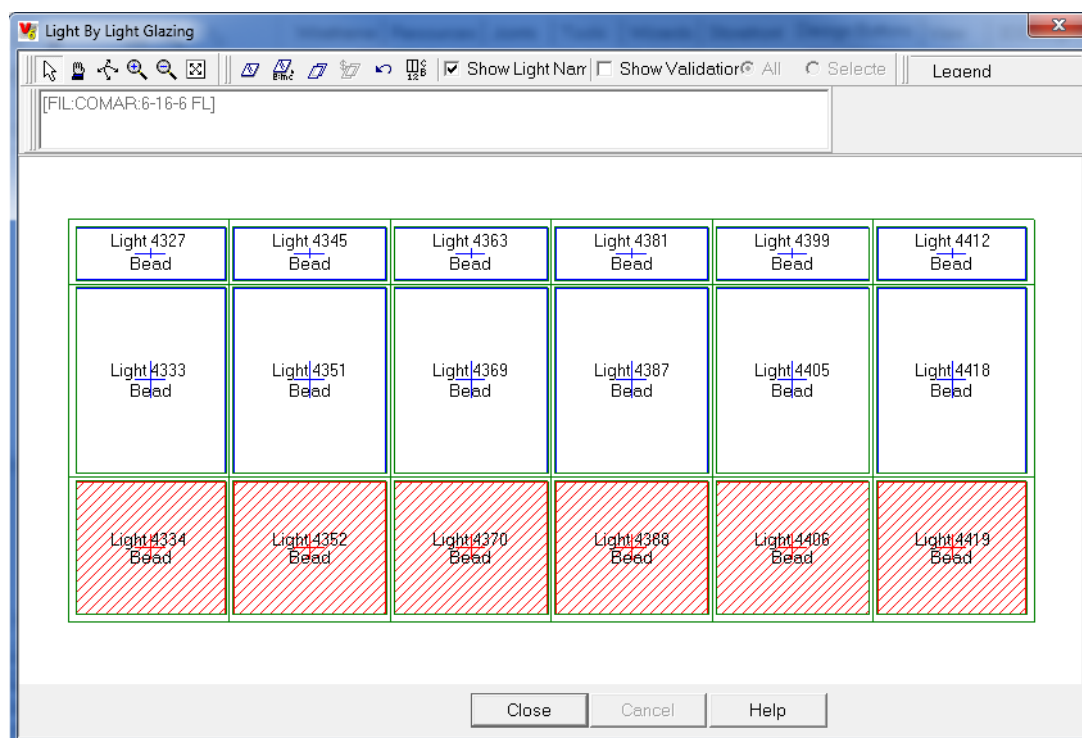
THE TRANSOM HEIGHT HAS NOW CHANGED.



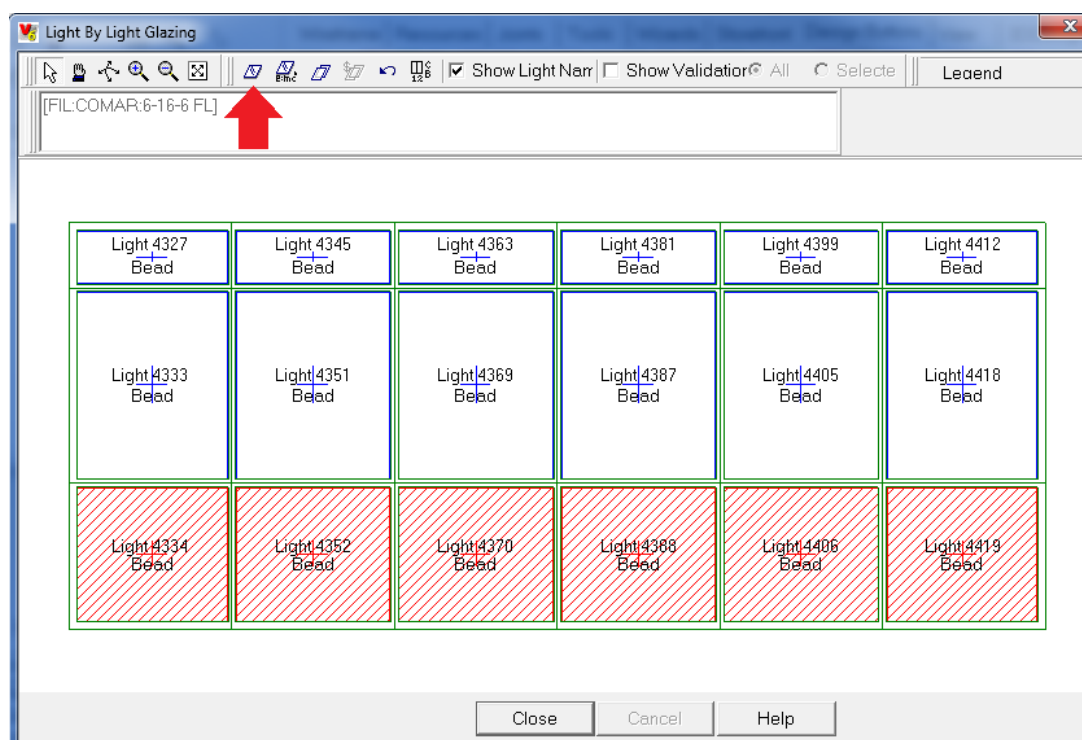
ONE LAST THING THAT WE WANT TO COVER ON BUILDING THIS SCREEN IS CHANGING GLASS TO A PANEL. CLICK ONTO THE LIGHT BY LIGHT GLAZING BUTTON AS SHOWN BELOW.



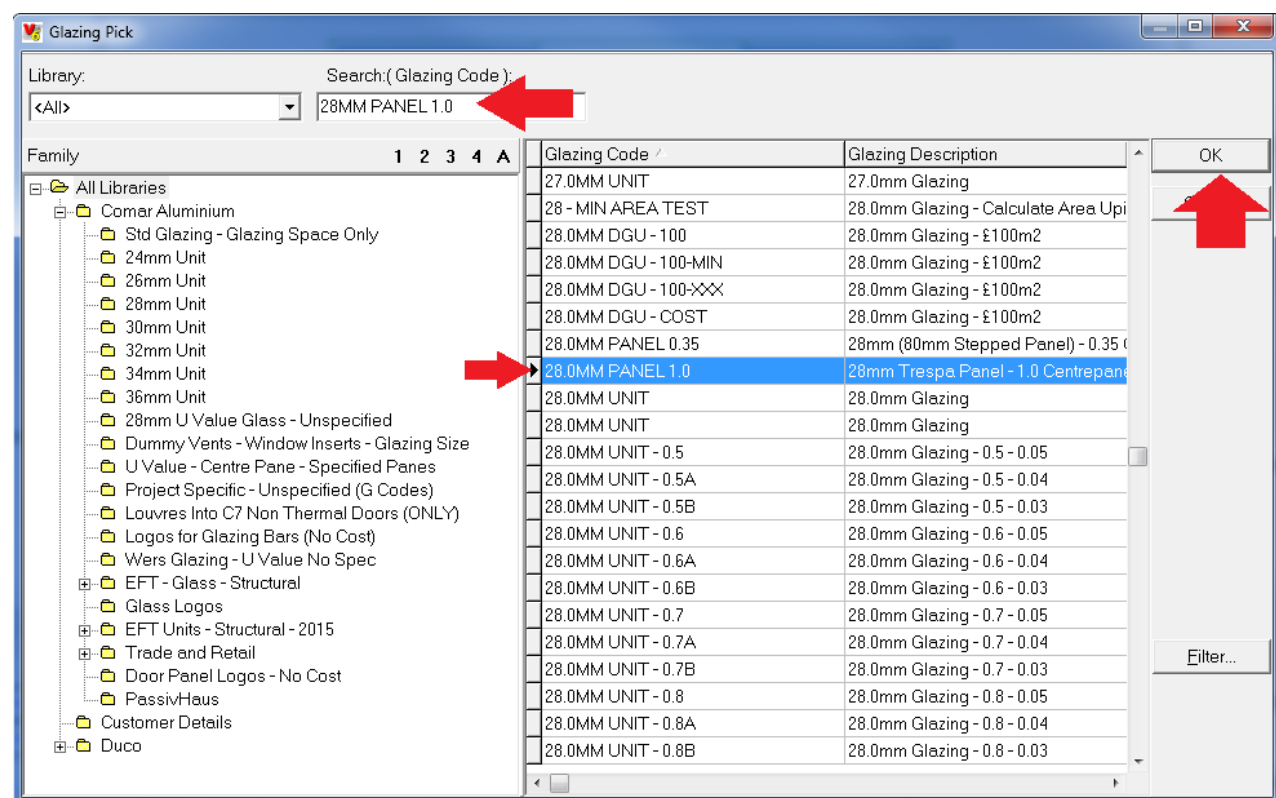
USING YOUR MOUSE AND THE SHIFT KEY ON YOUR KEYBOARD HIGHLIGHT ALL THREE BOTTOM LIGHTS (AS SHOWN)



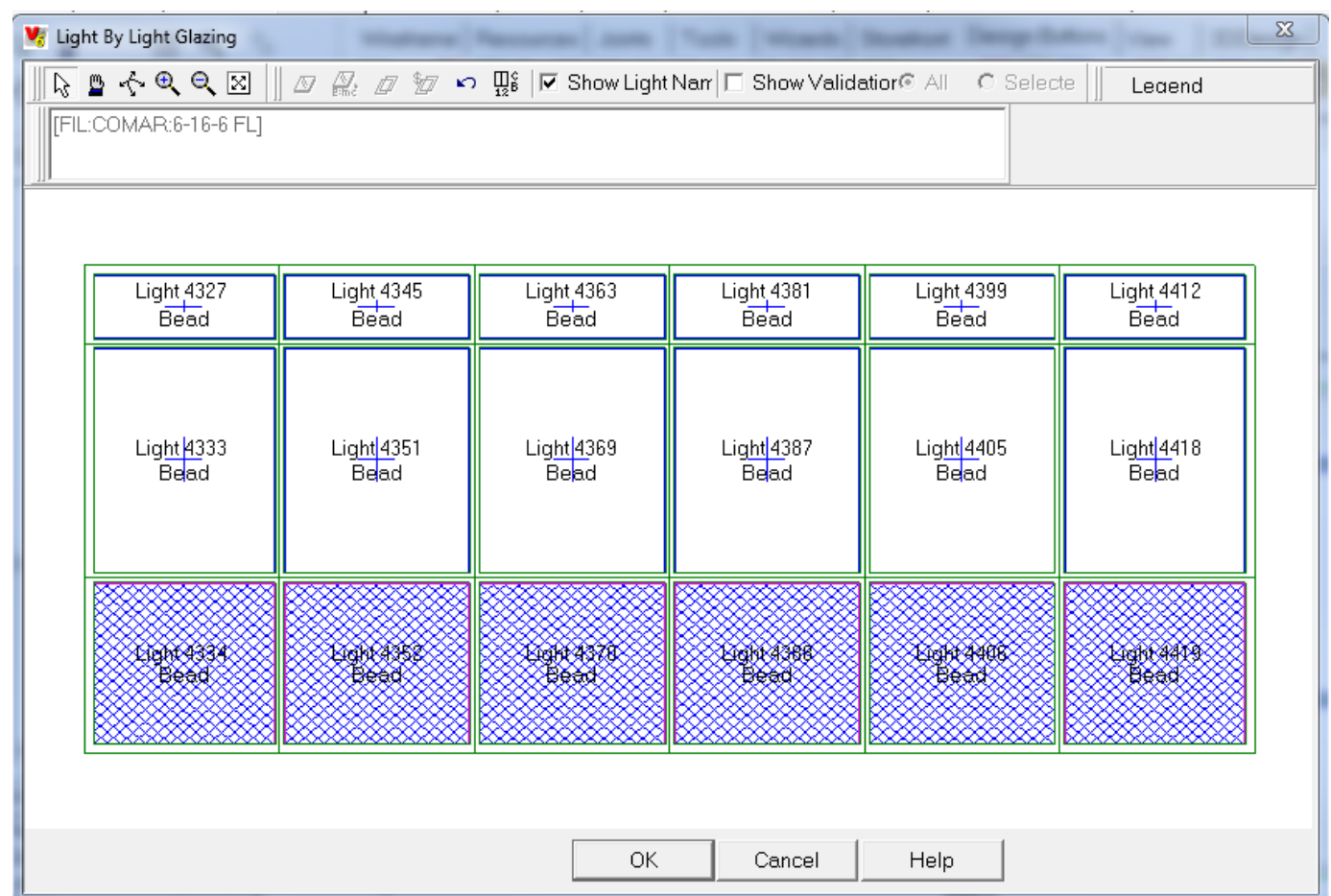
NOW CLICK ONTO THIS BUTTON TO CHANGE THE GLAZING.



TYPE THE CODE “28MM PANEL 1.0” INTO THE SEARCH (GLAZING CODE) FIELD AND WHEN IT FINDS IT IN THE LIST, HIGHLIGHT IT IN THE LIST AND THEN CLICK OK.



THIS WILL NOW BRING THE OTHER SCREEN BACK AND YOU WILL SEE THAT THERE IS A PANEL LOGO IN THE BOTTOM THREE LIGHTS. CLICK OK WHEN COMPLETE.



THIS SCREEN IS NOW COMPLETE.

Page No: 3

ELEVATION PORTRAIT

Date/Time: 29/01/2018 17:05:58

Quote Title: School - Training Manual

Quote No: SH-3- -Ver 3

Cust Name:

Job Ref:

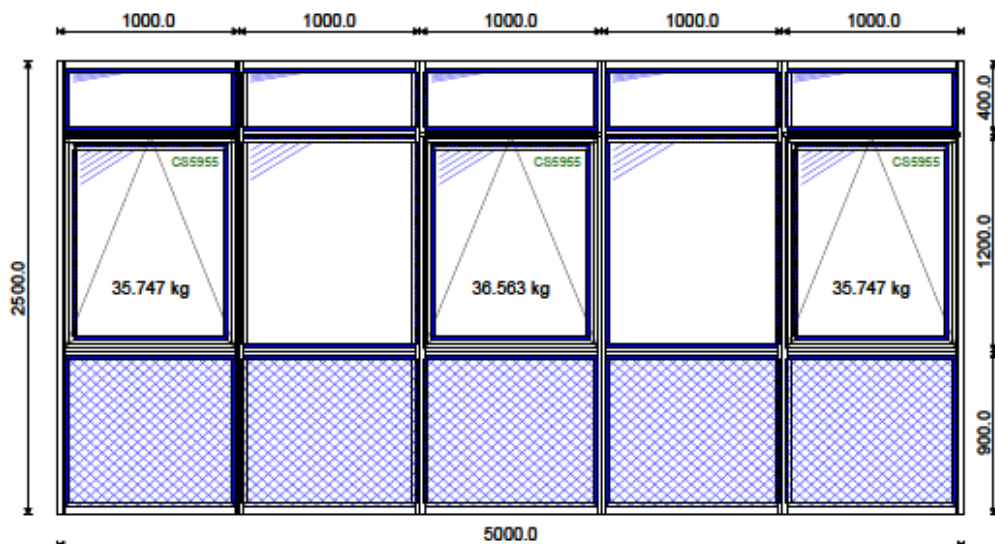
Finish:

Deliv Date:

Other:



Do Not Scale



Item Description: Comar 9PI (100mm) - Loose Beaded L/Frame Item Number: 3

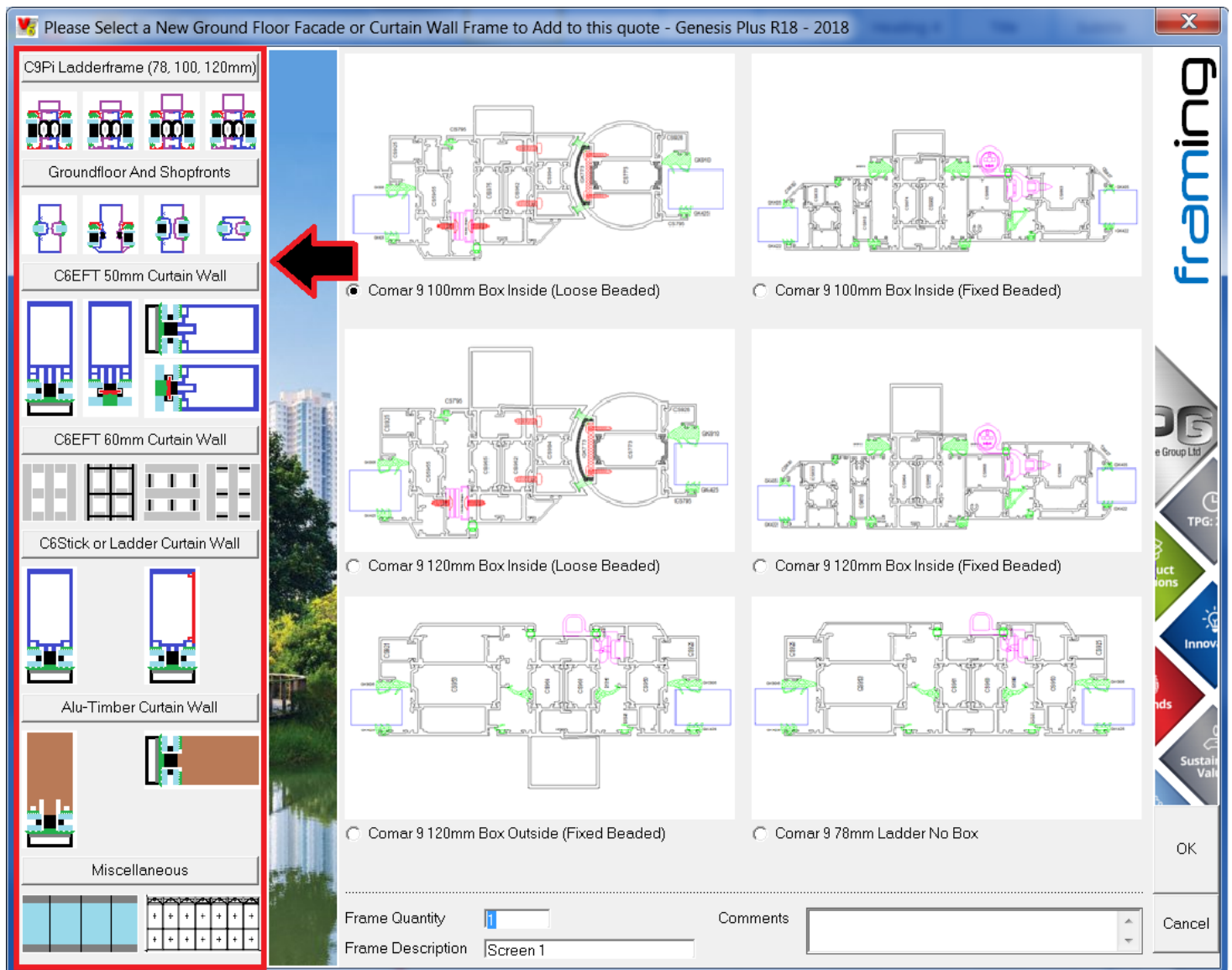
Quantity: 1

ADDING A FRAME TO THE QUOTE

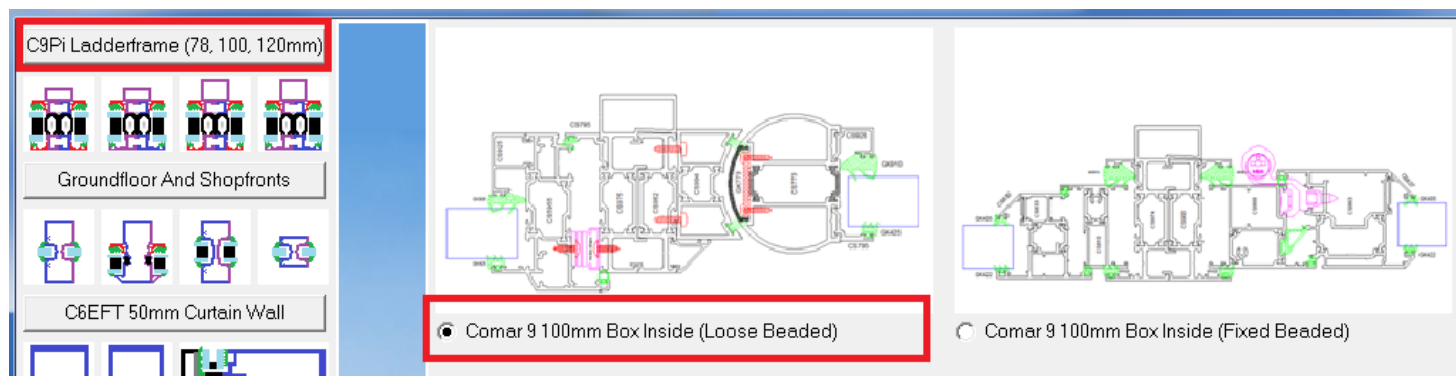
WE NOW WANT TO ADD A FRAME TO THE QUOTE. CLICK ONTO THE “ADD A FRAME” BUTTON.



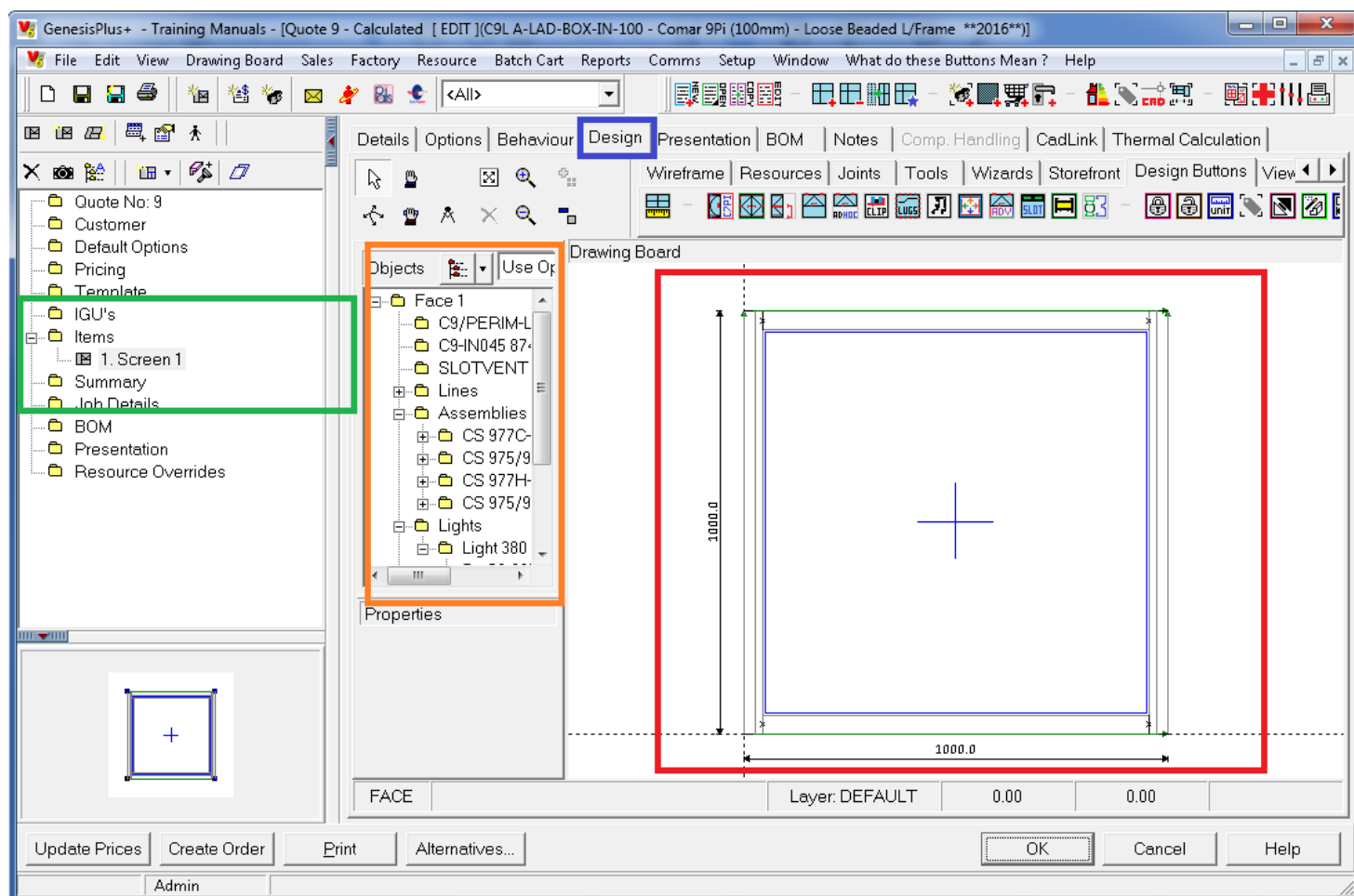
THE FOLLOWING SCREEN WILL APPEAR. THIS SHOWS YOU THE ENTIRE STANDARD FRAMING SYSTEMS THAT WE HAVE. YOU WILL SEE THAT THERE ARE TABS DOWN THE LEFT SIDE WHICH FILTER DOWN THE DIFFERENT TYPES OF SYSTEMS WHEN YOU CLICK ONTO THEM. **PLEASE DO NOT CLICK OK YET**



FOR THE FIRST SCREEN WE WANT TO USE THE COMAR 9 100MM BOX INSIDE LOOSE BEADED. THIS IS LOCATED UNDER THE C9PI LADDERFRAME + C7PI CD DOOR TAB WHICH IS THE DEFAULT TAB THAT CAME UP, CLICK ONTO THE COMAR 3 (ROUND RADIO BUTTON) AS SHOWN AND THEN CLICK OK AT THE BOTTOM OF THE ADD FRAME BOX (SEE ABOVE).



NOW THAT YOU HAVE ADDED A FRAME TO THE QUOTE YOU WILL SEE THAT YOU NOW HAVE ONE ITEM LISTED IN THE LEFT HAND SIDE SCREEN,(THIS WILL LIST ANY FRAMES THAT YOU HAVE ADDED TO YOUR QUOTE) THE RIGHT HAND SIDE OF THE SCREEN IS THE DESIGN SCREEN AND YOU CAN SEE THAT IT HAS ADDED A FRAME 1000MM X 1000MM. IN A MOMENT WE WILL CHANGE THE DESIGN. YOU WILL NOT HAVE THE COLOURED BOXES AS SHOWN BELOW THEY WILL BE USED TO HIGHLIGHT SOME AREAS IN ONE MOMENT.



BEFORE WE CHANGE THE DESIGN OF THIS SCREEN, LETS TAKE A BIT OF TIME GETTING USED TO THE NEW MENUS THAT YOU CAN ACCESS NOW WE HAVE ADDED A FRAME.

DESIGN

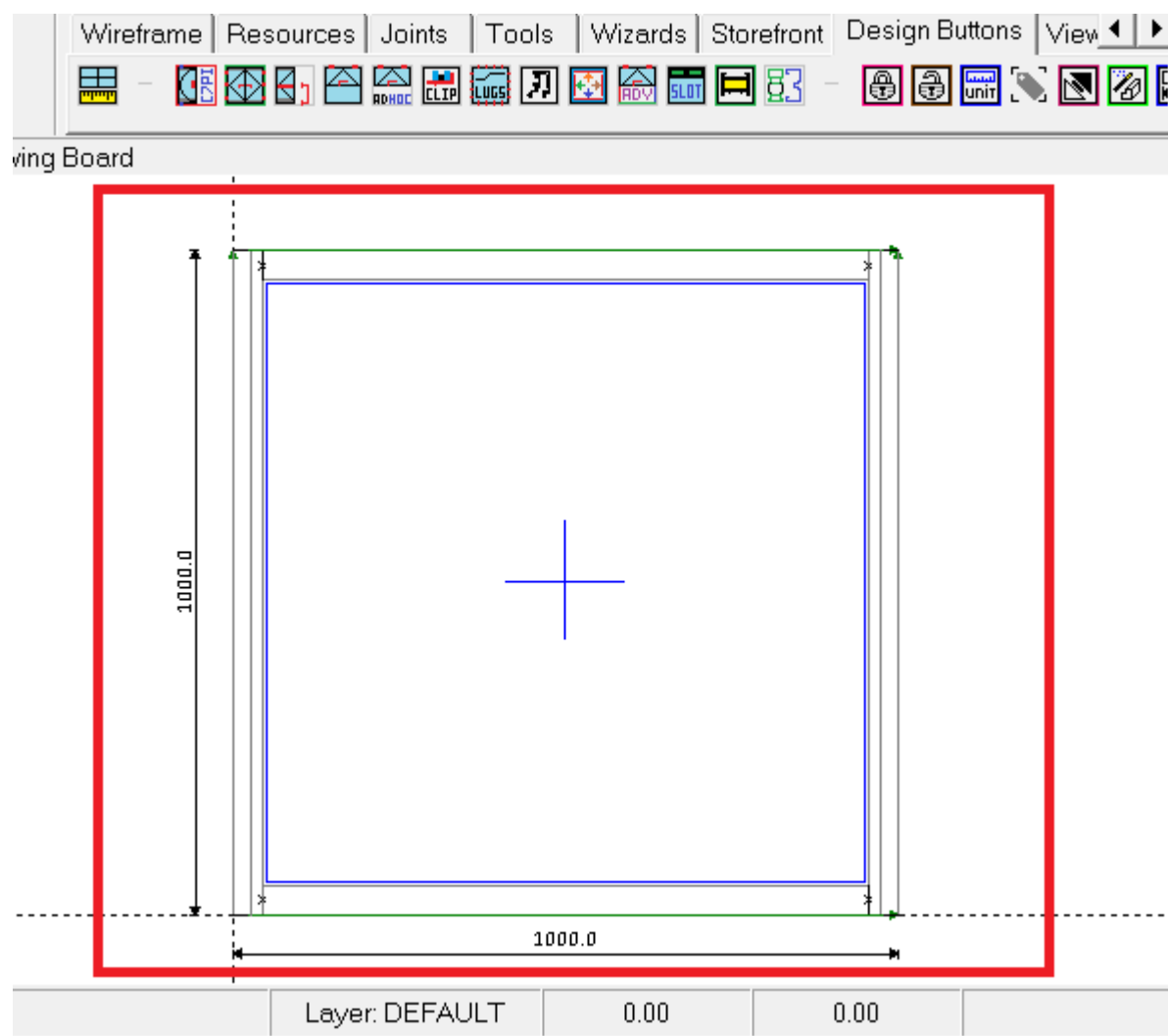
THE DESIGN SCREEN DRAWING BOARD WILL SHOW YOU WHAT THE FRAME LOOKS LIKE, ALL CHANGES TO THE FRAME INCLUDING ADDING TRANSOMS, CHANGING SIZES ETC AND ADDING WINDOWS OR DOORS ARE DONE HERE. THE FRAMES SHOWN ARE BEING BUILT IN FULL SIZED EXTRUSIONS SO THE SCALE IS A TRU REPRESENTATION OF THE FINISHED PRODUCT.

WHEN YOU HIGHLIGHT A FRAME IN THE ITEMS TAB (AS SHOWN IN THE LEFT HAND SIDE ABOVE IN GREEN) THE DESIGN SCREEN/DRAWING BOARD SHOWS YOU THE DESIGN FOR THAT ITEM, YOU CAN CLICK BETWEEN THE FRAMES (ITEMS) IF YOU HAVE MORE THAN ONE IN A QUOTE AND IF YOU ARE IN THE DESIGN SCREEN THE FRAME SHOWN WILL SWITCH TO SHOW YOU THE ONE THAT YOU HAVE HIGHLIGHTED.

THE ORANGE RECTANGLE INDICATES THE OBJECTS BOX, THIS LISTS ALL THE ASSEMBLIES YOU HAVE USED AS WELL AS GLASS AND DOORS.

CHANGING THE DESIGN

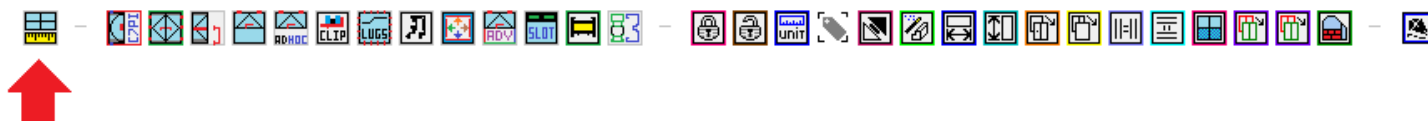
WE ARE NOW GOING TO CHANGE THE DESIGN OF THE FRAME SO WE NOW MOVE DOWN TO THE DRAWING BOARD (WHILST IN DESIGN) AND THERE ARE MACRO DESIGN BUTTONS WHICH ARE RELEVANT TO THE FRAME THAT WE ARE VIEWING AT THAT TIME. THERE ARE QUITE A FEW BUTTONS HERE (AND THEY ARE SMALL) BUT GENERALLY THE FIRST SET OF BUTTONS ARE TO CHANGE THE DESIGN OF THE FRAME, ADDING DOORS AND ADDING WINDOWS. THE SECOND SET OF BUTTONS ARE SIMPLE COMMANDS LIKE CHANGING SECTIONS, SPLITTING LIGHTS (ADDING MULLIONS OR TRANSOMS), MERGING LIGHTS (DELETING MULLIONS OR TRANSOMS), CHANGING HEIGHTS OR TRANSOMS AND WIDTHS OF MULLIONS AND CHANGING GLASS. YOU WILL NOTICE THAT THE AMOUNT OF BUTTONS THAT YOU SEE WHEN DESIGNING DIFFERENT SYSTEMS WILL CHANGE DEPENDING ON WHAT FRAME YOU ARE DESIGNING. I.E YOU WOULN'T HAVE A DOOR BUTTON FOR BUILDING A WINDOW. LIKE AUTOCAD THE BUTTONS ARE THERE TO MAKE IT QUICKER TO PERFORM EVERYDAY TASKS.



WE ARE NOW GOING TO CHANGE THE DESIGN AND DIMENSIONS OF THIS FRAME, IN MOST CASES THE FIRST BUTTON SHOWN IN THE DESIGN SCREEN WILL PERFORM A TASK TO CHANGE THE DESIGN OR THE DIMENSIONS.

(IF YOU WANT TO EXPLORE WHAT THESE BUTTONS DO YOU CAN USE YOUR MOUSE TO HOVER OVER THE BUTTON AND IT SHOULD TELL YOU WHAT COMMAND THE BUTTON PERFORMS).

CLICK ONTO THE FIRST BUTTON.



THIS WILL BRING UP THE REBUILD BUTTON, WE WILL BE CHANGING THE SIZES LATER ON.

THIS SCREEN WHICH IS ONE OF THE COMMON SCREENS HANDLES THE MOST PART OF THE FRAMING PART OF OUR DESIGN (EXCLUDING ADDING DOORS ETC).

WE CAN CHANGE THE WIDTH, HEIGHT LIGHTCODE OR COLUMNS AND ROWS, THE DESCRIPTION AND QUANTITY OF THE FRAME, EXTRUSION FINISH, AND SECTIONS TO BE USED.

THE DEFAULT SECTIONS FOR THE HEAD, TRANSOMS ETC ARE BASED ON OUR TECHNICAL MANUAL, IN MOST CASES YOU MAY NEED TO CHECK THE WINDLOADING FOR THE FRAMES TO INDICATE WHAT MULLIONS OR TRANSOMS TO USE, BUT AS STANDARD THESE WILL BE THE SECTIONS TO USE (SUBJECT TO WINDLOADINGS). **DO NOT CLICK OK**

Comar 9 - Framing - 100mm Box on Inside - Loose Beaded

Frame Width 1000	Frame Height 1000	Sub Cill Type None	Head Profile CS 977-100mm Loose-Box In- IYY - 19.1	lvy Req - 1.04	Head
Lightcode 1	Single or Dual Colour Single Colour	Cill Profile CS 977-100mm Loose-Box In- IYY - 19.1	lvy Req - 1.04		
Columns 1	Rows 1	Outside Finish [COL:COMAR:WHITE (WHITE)]	Left Profile CS 975/962-100mm Loose-Box In- IXX - 112.40	lxx Req - 0	Transom
			Right Profile CS 975/962-100mm Loose-Box In- IXX - 112.40	lxx Req - 0	
Frame Quantity 1	Glass [FIL:COMAR:6-16-6 FL]	Transom Profile CS 977 100mm Loose - Box In - IYY - 19.1	lvy Req - 1.04		Cill
Frame Description Screen 1	Foam (Does not change Thermal Calcs) No Foam	Mullion Profile CS-100mm Loose-Box In- IXX - 112.40	lxx Req - 0		
Fixing Strap No Fixing Straps	Item Comments	Left Jamb 	Mullion 	Right Jamb 	Create Cancel
Security Clips (24,28 or 32mm Only) No Security Clips					

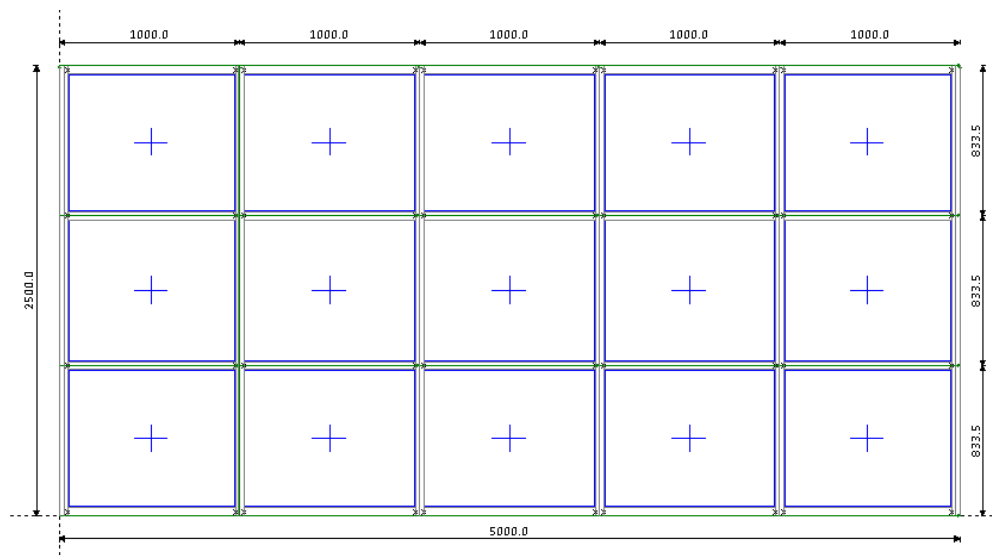
YOU WILL SEE THAT THE BELOW SCREEN HAS ALREADY SELECTED THE PROFILES THAT ARE THE STANDARD DEFAULT FOR THIS SYSTEM. (SHOWN ON THE RIGHT HAND SIDE), THE SOFTWARE WILL NOT WINDLOAD THESE SECTIONS SO PLEASE BE AWARE THAT ALTHOUGH THEY ARE DEFAULT THEY DO NOT LOOK AT THE SIZE OF THE FRAME.

THE ONLY THINGS THAT WE NEED TO CHANGE ON THIS SCREEN ARE

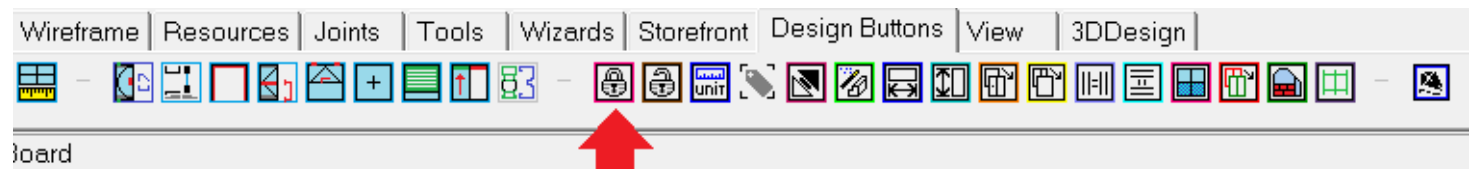
- 11) THE FRAME WIDTH
- 12) THE FRAME HEIGHT
- 13) THE LIGHTCODE (AS EXPLAINED EARLIER, THIS IS JUST ANOTHER WAY TO SPECIFY COLUMNS & ROWS BUT YOU COULD USE THE COLUMNS AND ROW FIELDS IF YOU LIKE.
- 14) THE DESCRIPTION OF FRAME OR A FRAME CODE. I.E "ED1", IF YOU DO NOT HAVE AN ITEM NUMBER IT IS A GOOD IDEA TO USE FRAME 1, FRAME 2 ETC TO AVOID CONFUSION.
- 15) YOU WILL SEE THAT IT HAS ALSO BOUGHT THROUGH THE FRAME DEFAULTS FOR THE FINISH AND THE GLASS AS CHOSEN EALIER ON.

WHEN YOU HAVE CHANGED THE HIGHLIGHTED ITEMS PLEASE CLICK CREATE.

THE SCREEN HAS NOW BEEN REDESIGNED



AS WE HAVE CONNECTING TRANSOMS (I.E TRANSOMS THAT SIT AT THE SAME HEIGHT), WE CAN LOCK THEIR POSITIONS TOGETHER. THIS ONLY WORKS IF THE TRANSOMS ARE NEXT TO EACH OTHER. TO DO THIS WE CLICK ONTO THE LOCK BUTTON. THE ONE NEXT TO IT UNLOCKS THE TRANSOMS



AS THIS SCREEN HAS SOME TRANSOMS IN IT WE WANT TO MOVE THE HEIGHTS SO THAT WE CAN ADD A DOOR . HIGHLIGHT ONE OF THE BOTTOM LIGHTS AND THEN CLICK ONTO THE CHANGE TRANSM HEIGHT.

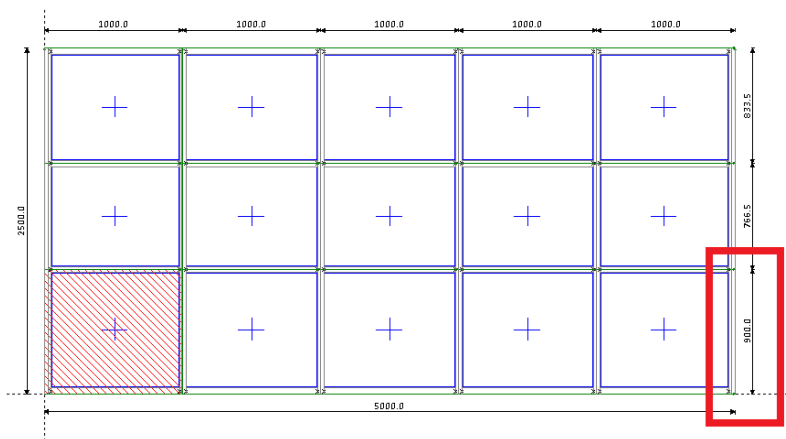


THE FOLLOWING SCREEN WILL APPEAR, ALTHOUGH THERE ARE ALOT OF DETAILS SHOWN ON THIS SCREEN BUT THE PARTS WE ARE INTERESTED ARE VERY FEW.

- 7) DIMENSION DISTANCE, THIS IS A TEXT BOX AND REPRESENTS THE NEW DIMENSION THAT WE NEED TO ADD – (SEE DIMENSIONING PAGE SPECIFYING WHERE THE DIMENSIONS ARE TAKEN FROM SHOWN EARLIER).
- 8) MEMBER TO ADJUST. IF YOU WANT TO MOVE THE TRANSM ABOVE THE LIGHT THAT WE HAVE HIGHLIGHTED THEN WE CHOOSE TOP, IF WE WANT TO MOVE THE TRANSM BELOW THE LIGHT THAT WE HAVE HIGHLIGHTED THEN WE CHOOSE BOTTOM. (WE WILL CHOOSE TOP IN THIS CASE)
- 9) THE OK BUTTON MAKES THE CHANGE FOR US.

CHANGE THE DIMENSION AND CLICK THE TOP TICK BOX IGNORE ALL OTHER DETAILS SHOWN IN THE BOX AND NOW CLICK OK.

THE TRANSOM HEIGHT HAS NOW CHANGED.



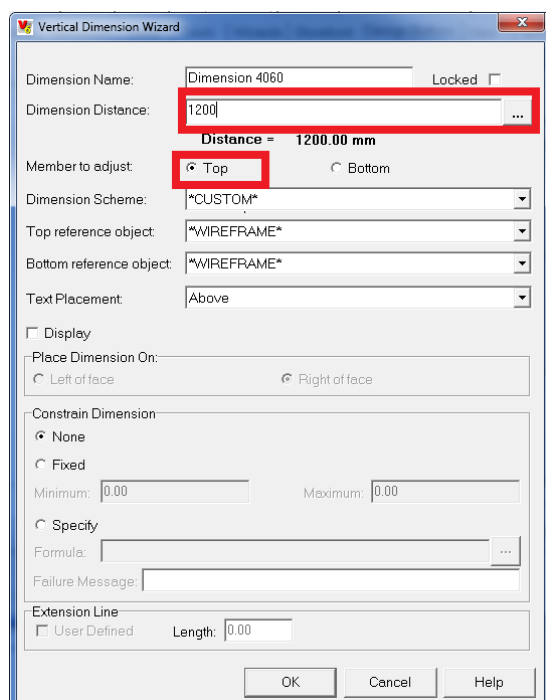
WE NOW WANT TO DO THE SAME ON THE SECOND TRANSOM. HIGHLIGHT ONE OF THE MIDDLE LIGHTS AND THEN CLICK ONTO THE CHANGE TRANSOM HEIGHT.



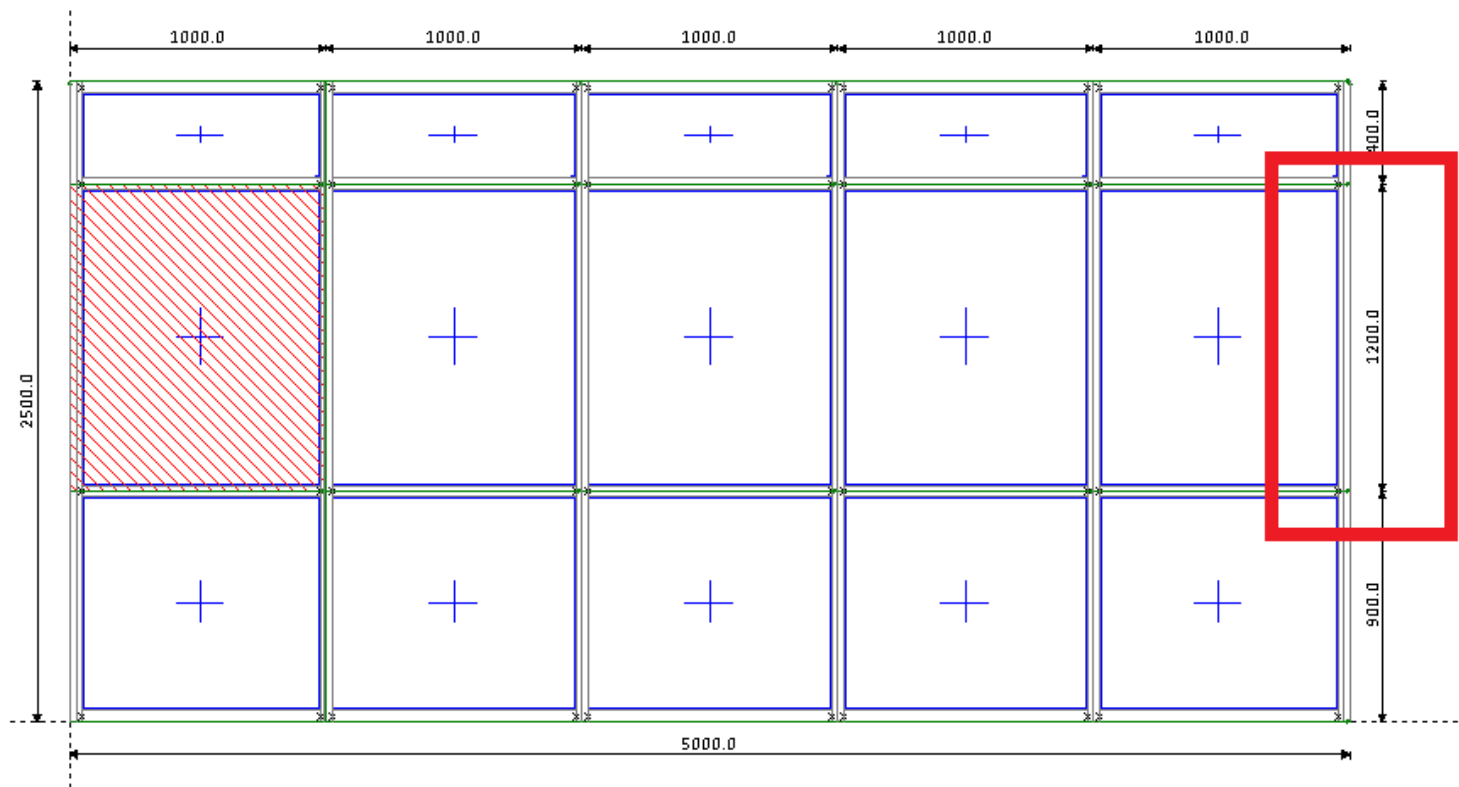
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- 8) MEMBER TO ADJUST. IF YOU WANT TO MOVE THE TRANSOM ABOVE THE LIGHT THAT WE HAVE HIGHLIGHTED THEN WE CHOOSE TOP, IF WE WANT TO MOVE THE TRANSOM BELOW THE LIGHT THAT WE HAVE HIGHLIGHTED THEN WE CHOOSE BOTTOM. (WE WILL CHOOSE TOP IN THIS CASE)
- 9) THE OK BUTTON MAKES THE CHANGE FOR US.

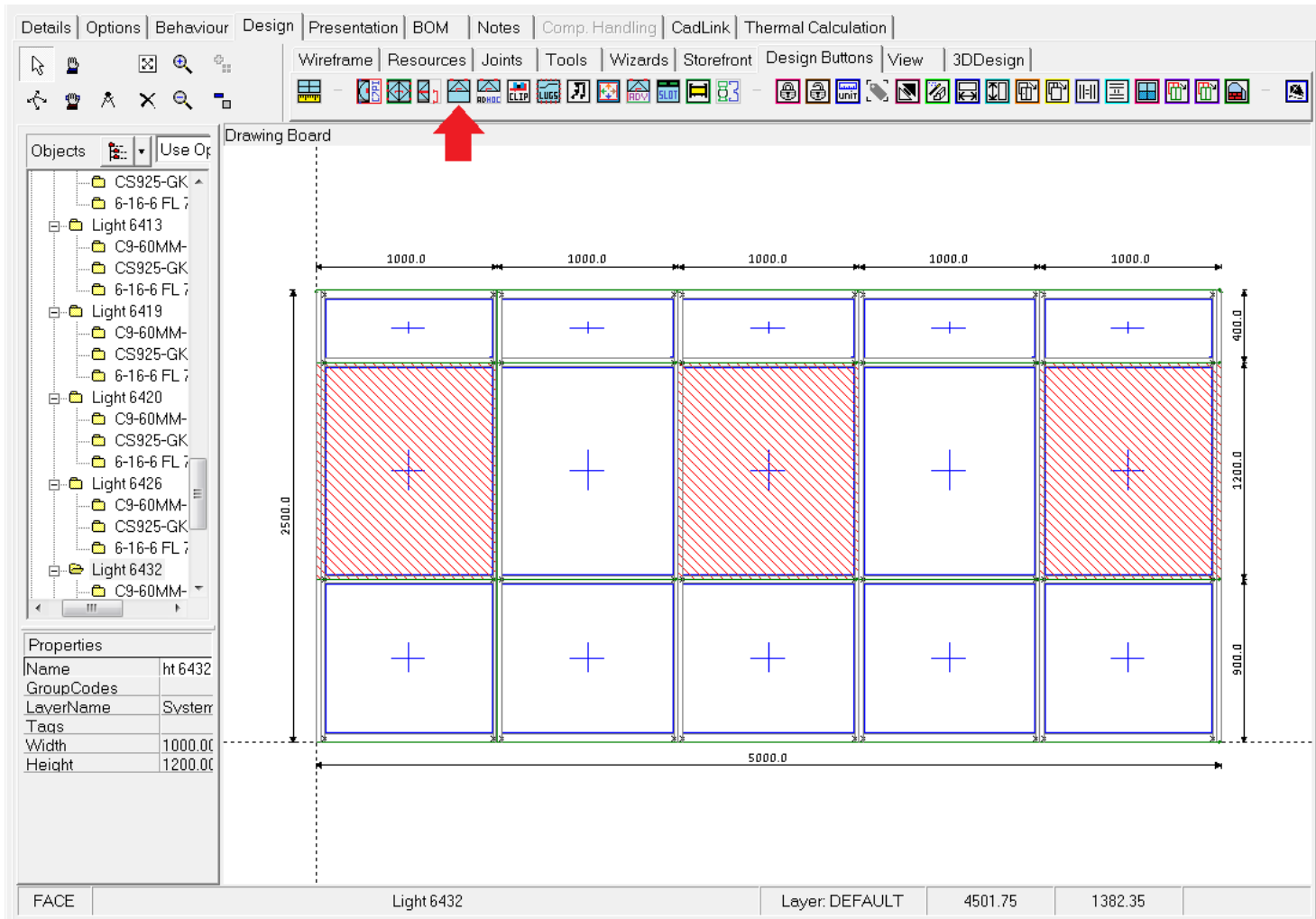
CHANGE THE DIMENSION AND CLICK THE TOP TICK BOX IGNORE ALL OTHER DETAILS SHOWN IN THE BOX AND NOW CLICK OK.



THE TRANSOM HEIGHT HAS NOW CHANGED.

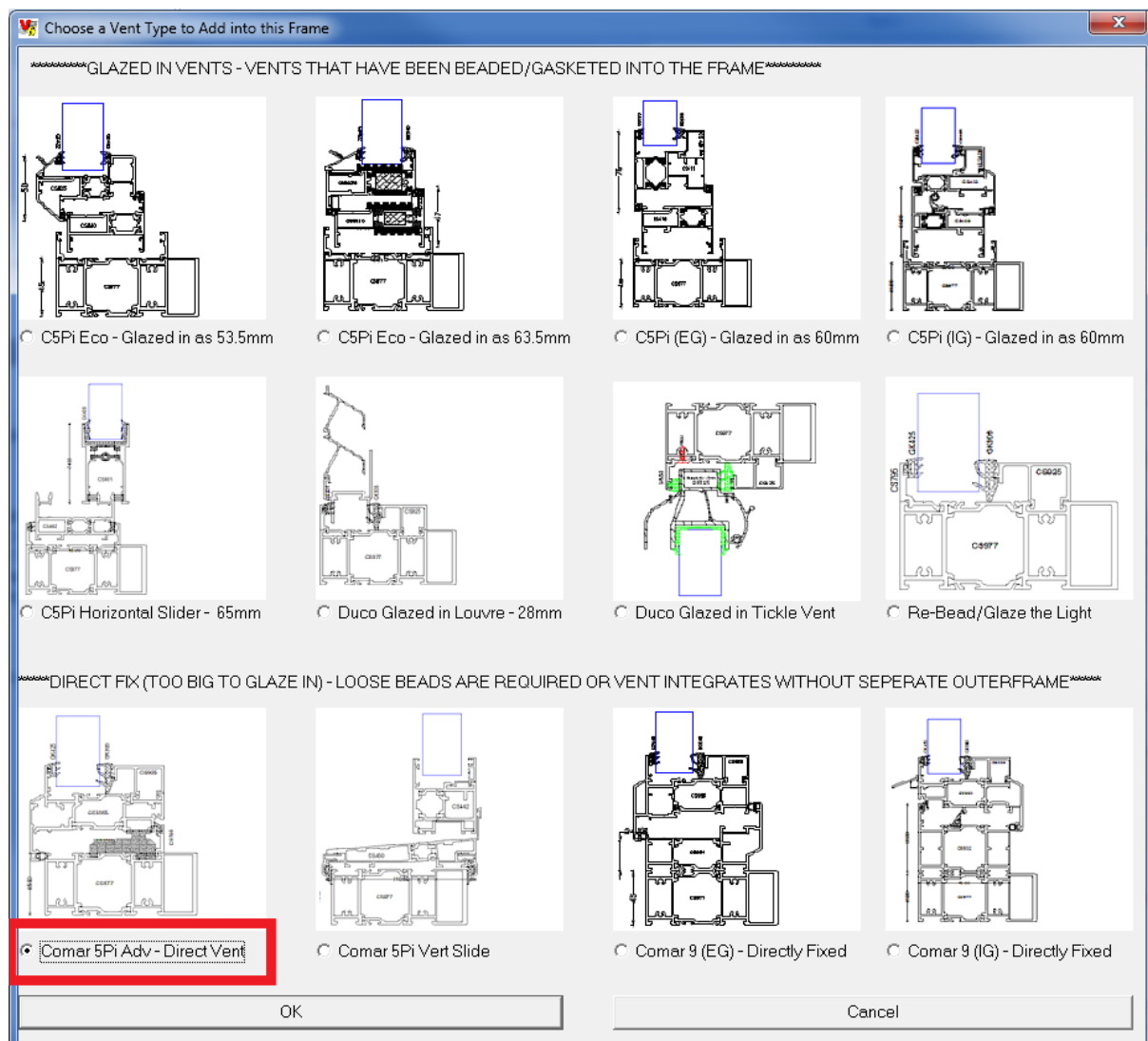


WE NOW WANT TO ADD SOME OPENING VENTS INTO THIS SYSTEM. TO DO THIS WILL FIRST HIGHLIGHT WHERE WE WANT TO PLACE THE VENTS. WE THEN CLICK ONTO THE VENT BUTTON

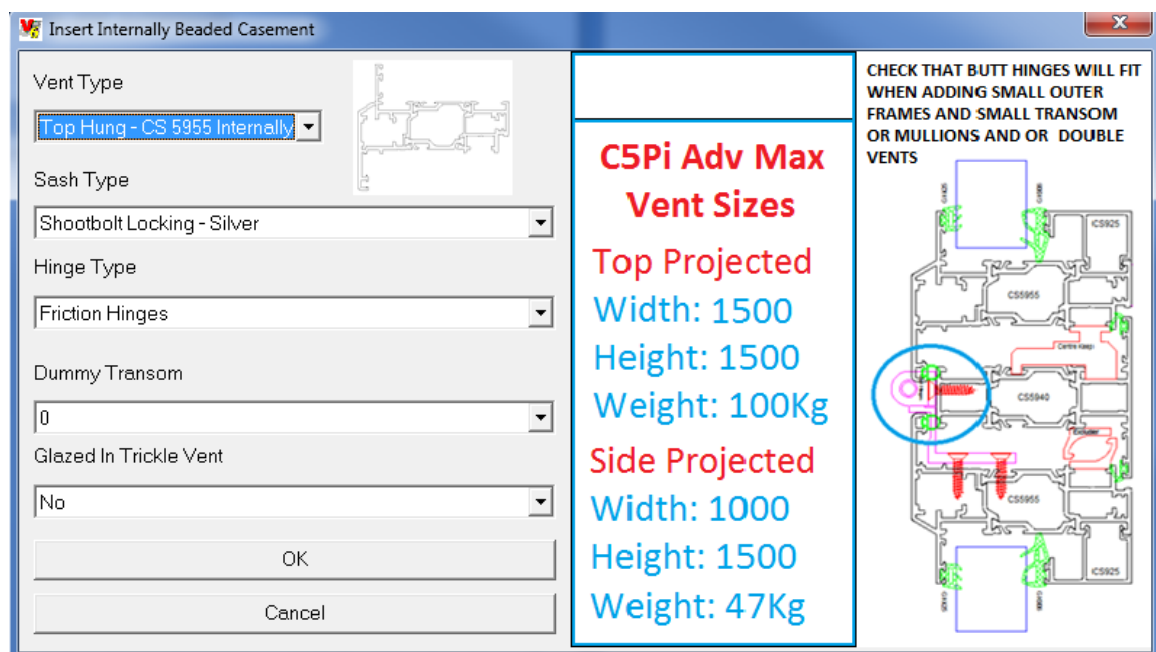


THERE ARE MANY DIFFERENT OPTIONS FOR ADDING VENTS INTO THE COMAR 9 SYSTEM, BUT AS WE HAVE STARTED LOOSE BEADED WE CAN FIX A BEAD TO THE INSIDE AND USE A DIRECT VENT (I.E NO EXTRA VENT OUTERFRAME)

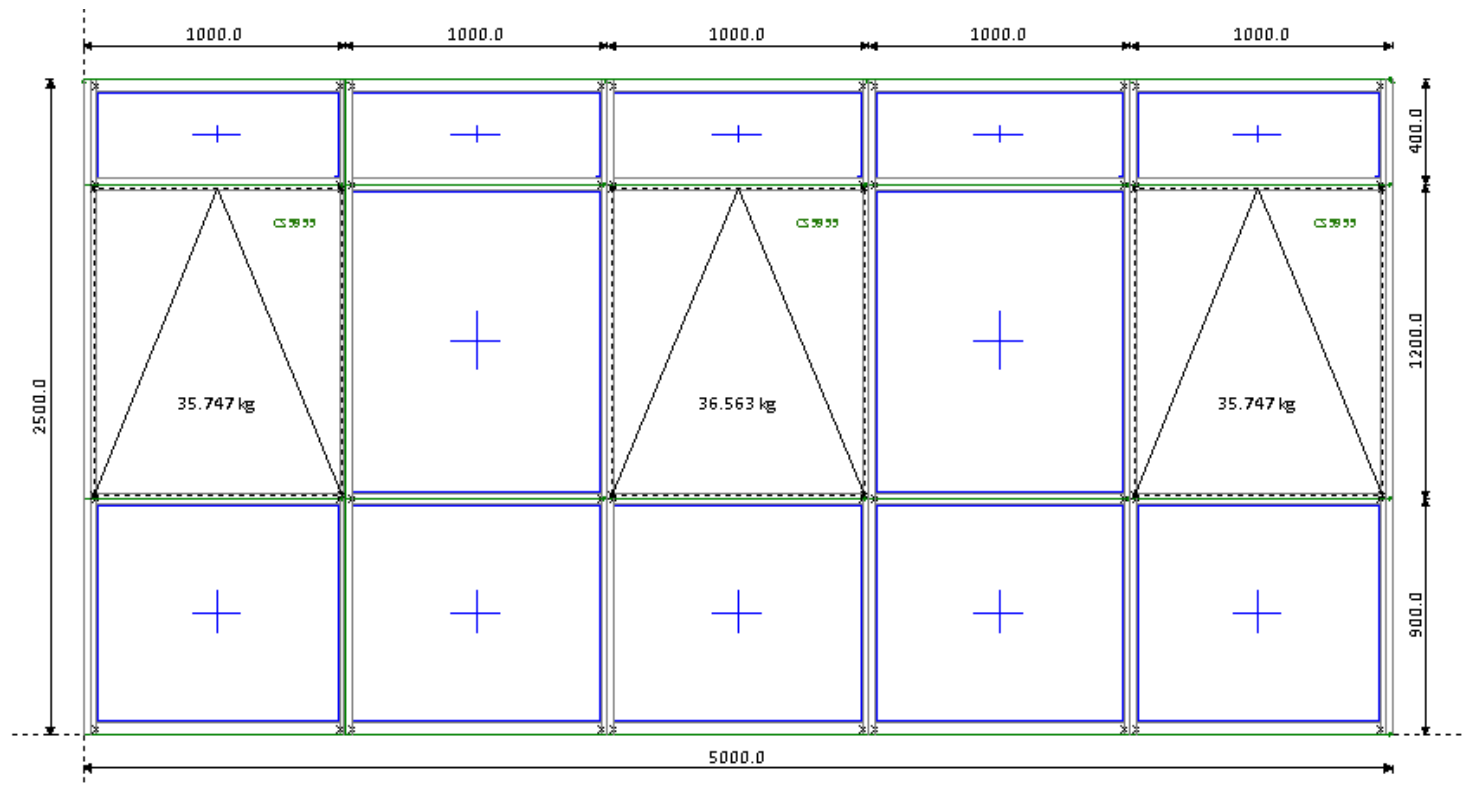
CHOOSE THE OPTION AS SHOWN BELOW



ON THIS FRAME WE WILL CHOOSE THE STANDARD OPTION THAT HAS COME UP



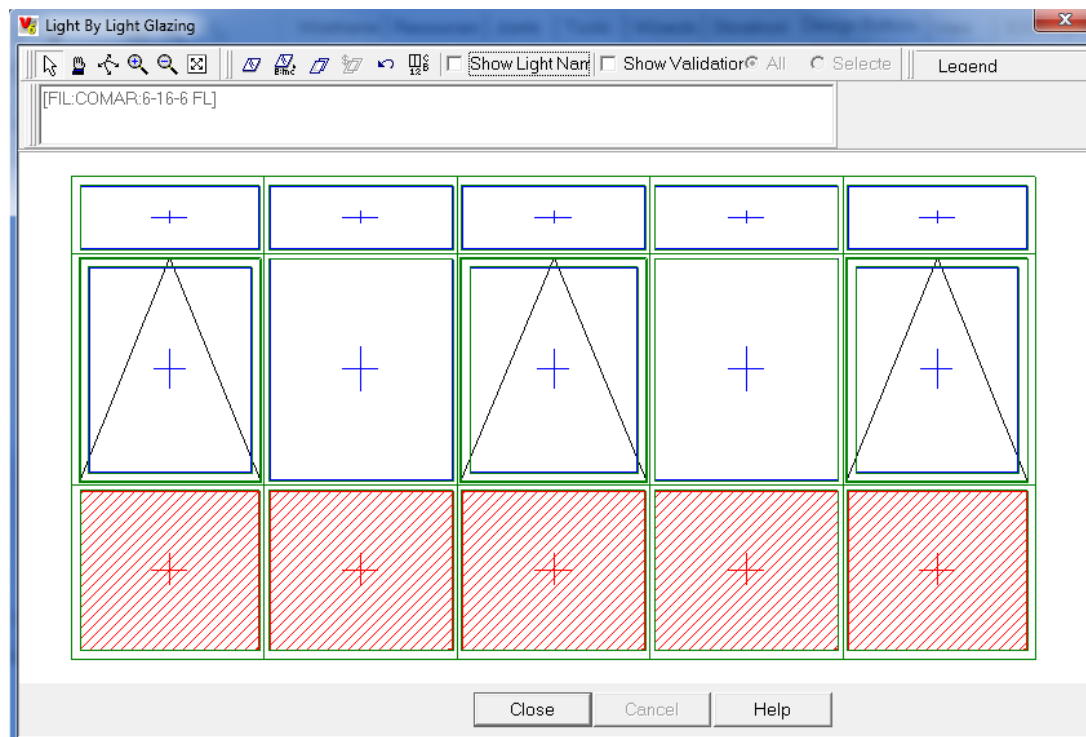
THE VENTS HAVE NOW BEEN ADDED



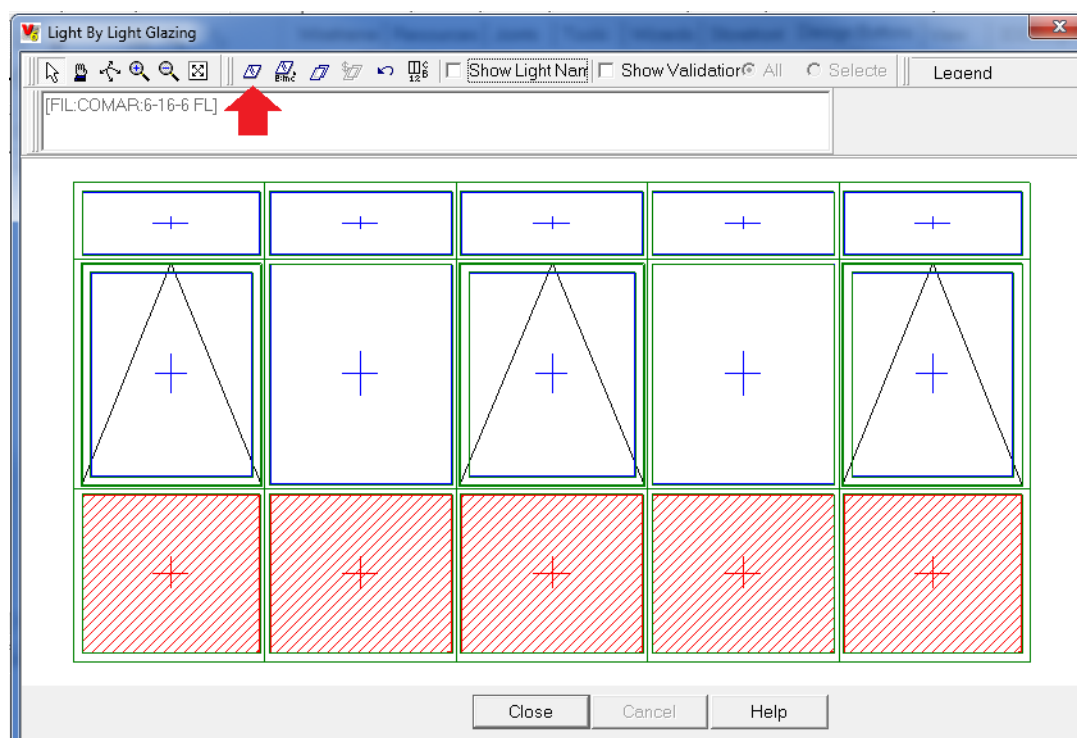
ONE LAST THING THAT WE WANT TO COVER ON BUILDING THIS SCREEN IS CHANGING GLASS TO A PANEL. CLICK ONTO THE LIGHT BY LIGHT GLAZING BUTTON AS SHOWN BELOW.



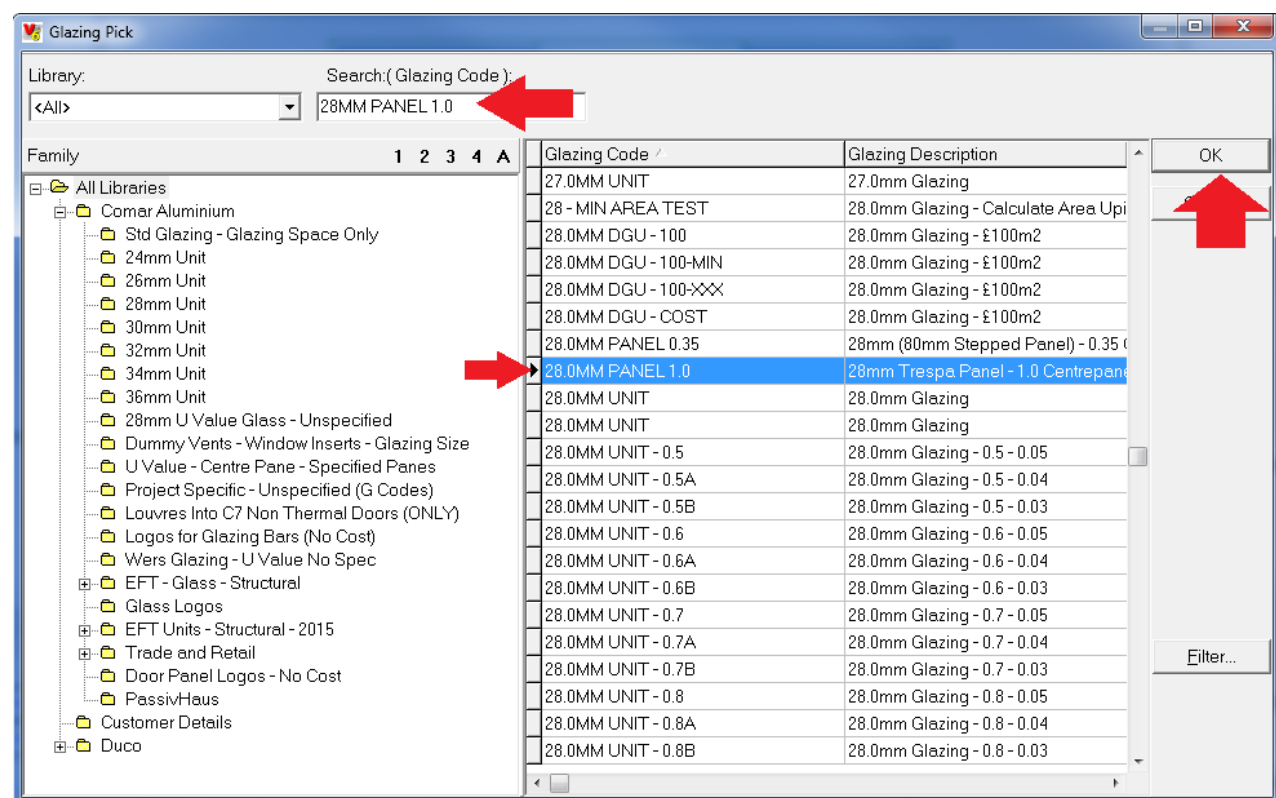
USING YOUR MOUSE AND THE SHIFT KEY ON YOUR KEYBOARD HIGHLIGHT ALL THREE BOTTOM LIGHTS (AS SHOWN)



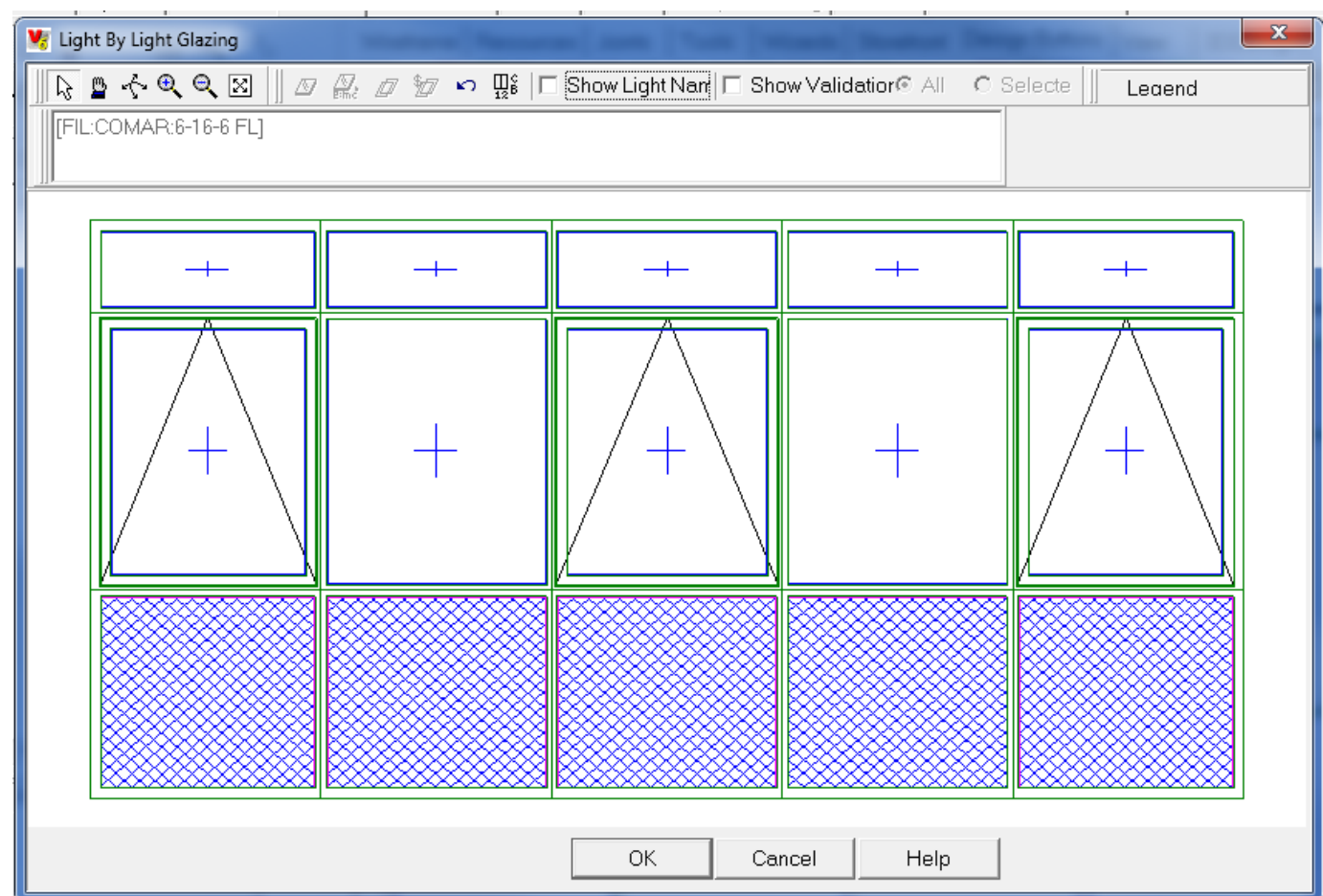
NOW CLICK ONTO THIS BUTTON TO CHANGE THE GLAZING.



TYPE THE CODE “28MM PANEL 1.0” INTO THE SEARCH (GLAZING CODE) FIELD AND WHEN IT FINDS IT IN THE LIST, HIGHLIGHT IT IN THE LIST AND THEN CLICK OK



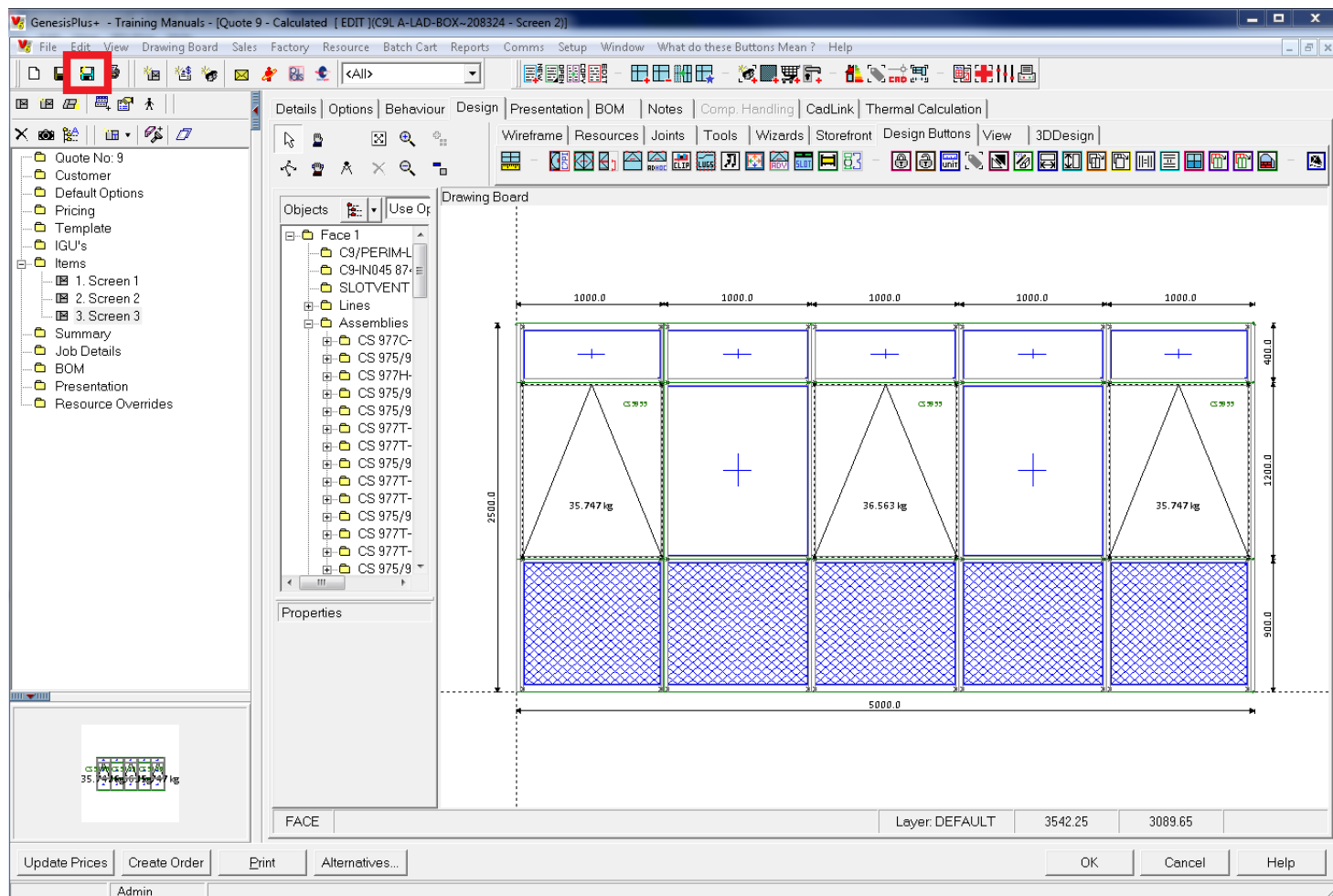
THIS WILL NOW BRING THE OTHER SCREEN BACK AND YOU WILL SEE THAT THERE IS A PANEL LOGO IN THE BOTTOM THREE LIGHTS. CLICK OK WHEN COMPLETE



THIS SCREEN IS NOW COMPLETE

IT IS ALWAYS A GOOD IDEA TO SAVE THE QUOTE AFTER EACH ITEM HAS BEEN ADDED OR AFTER ADDING A FEW ITEMS, THIS WILL MEAN THAT IF YOUR COMPUTER HAS A PROBLEM OR SHUTS DOWN THEN IT WILL SAVE THE QUOTE AT THE POINT THAT YOU SAVE IT.

CLICK ONTO THIS BUTTON (QUICK SAVE) TO SAVE IT



UNLIKE A LOT OF OTHER PROGRAMS YOU DO NOT HAVE TO CLICK ONTO THE OK BUTTON AT THE BOTTOM TO SAVE IT OR COMPLETE THE CHANGES. THIS OK BUTTON WILL BEING YOU OUT OF THE QUOTE AND SHUT IT DOWN.

IF YOU DO CLICK THIS BUTTON THEN CLICK BACK ONTO THE OPEN QUOTE BUTTON TO OPEN IT BACK UP



EDIT A QUOTE. THIS WILL OPEN A QUOTE THAT YOU HAVE ALREADY STARTED AND SHUT DOWN



Page No: 4

ELEVATION PORTRAIT

Date/Time: 29/01/2018 17:06:04

Quote Title: School - Training Manual

Quote No: SH-3- -Ver 3

Cust Name:

Job Ref:

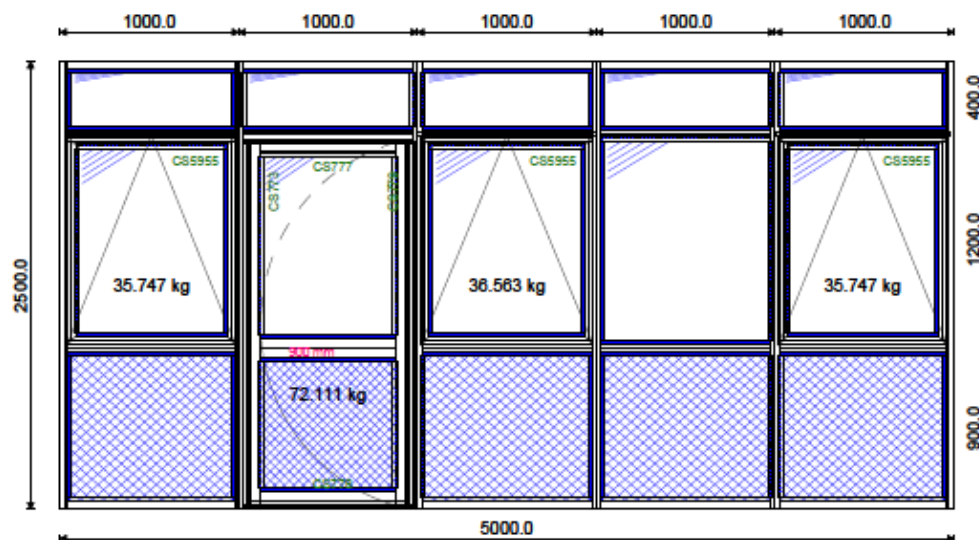
Finish:

Deliv Date:

Other:



Do Not Scale



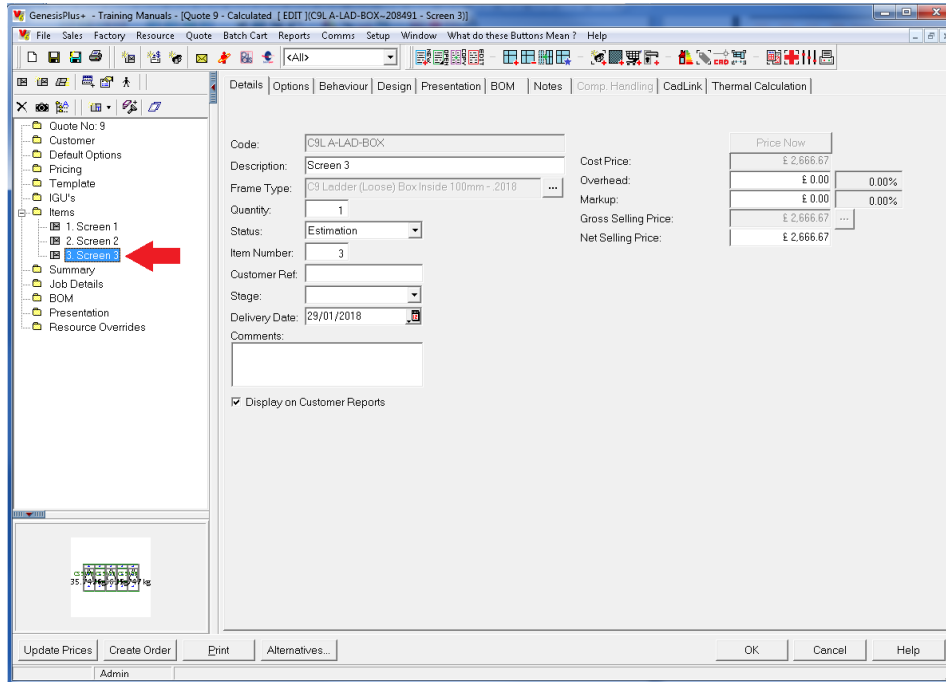
Item Description: Comar 9PI (100mm) - Loose Beaded L/Frame Item Number: 4

Quantity: 1

COPYING AND CHANGING AN EXISTING FRAME IN THE QUOTE

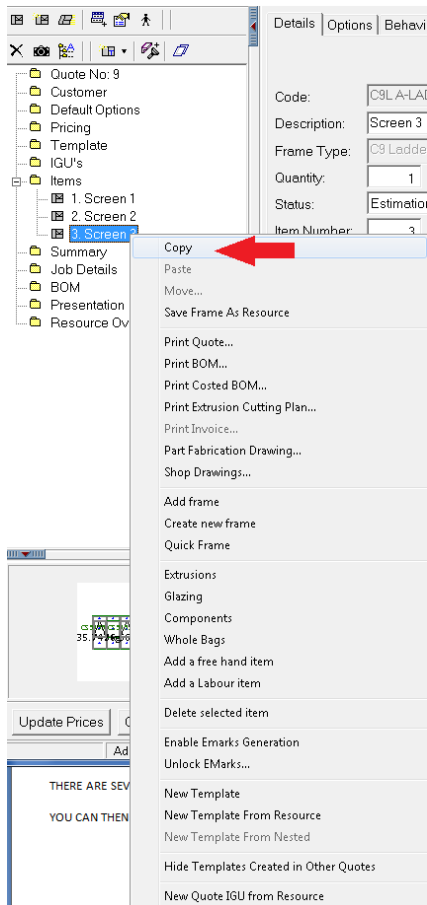
TO SAVE TIME WE CAN MAKE A COPY OF A SIMILAR FRAME, THIS CAN SAVE ALOT OF TIME AS THE FRAME IS PARTLY BUILT.

HIGHLIGHT SCREEN 3 IN THE ITEMS TREE (AS SHOWN BELOW)

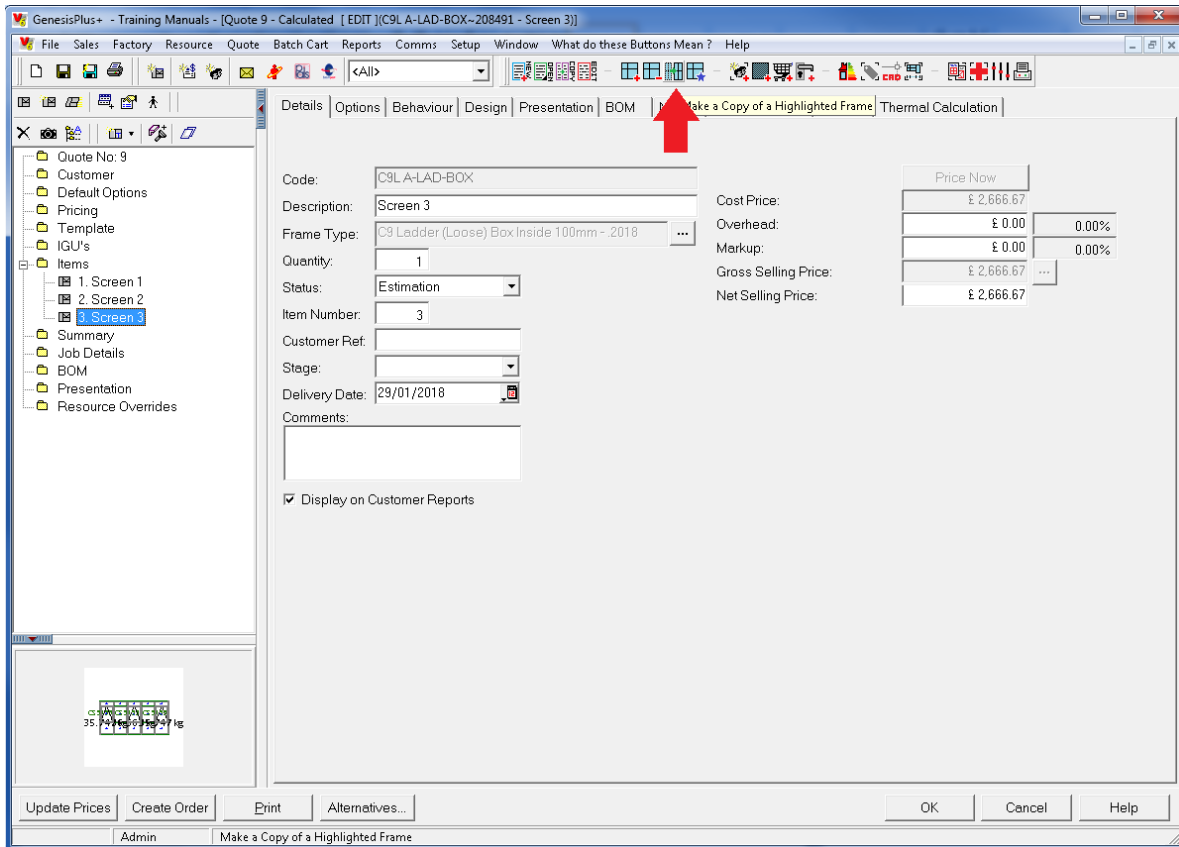


THERE ARE SEVERAL WAYS TO COPY A FRAME, YOU CAN RIGHTCLICK ON THE FRAME AND USE COPY.

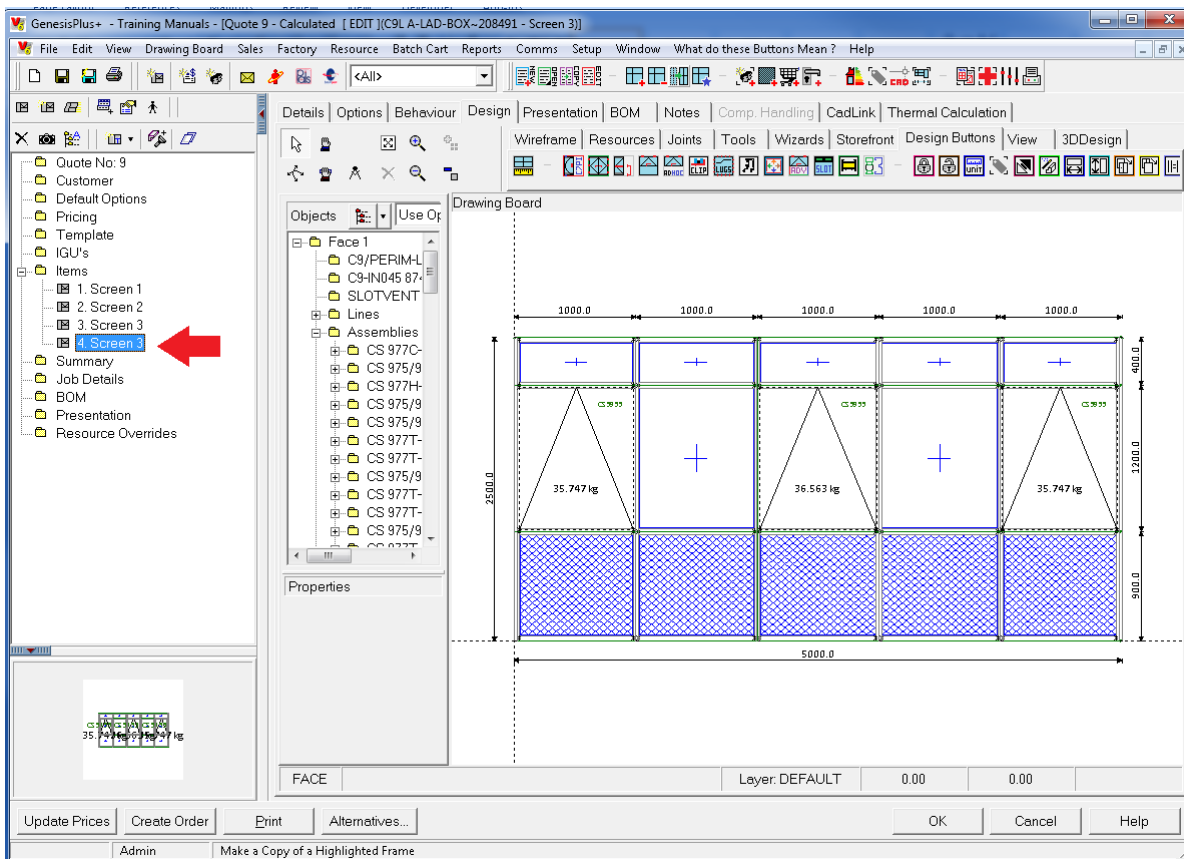
YOU CAN THEN RIGHTCLICK AND CLICK TO PASTE THE FRAME.



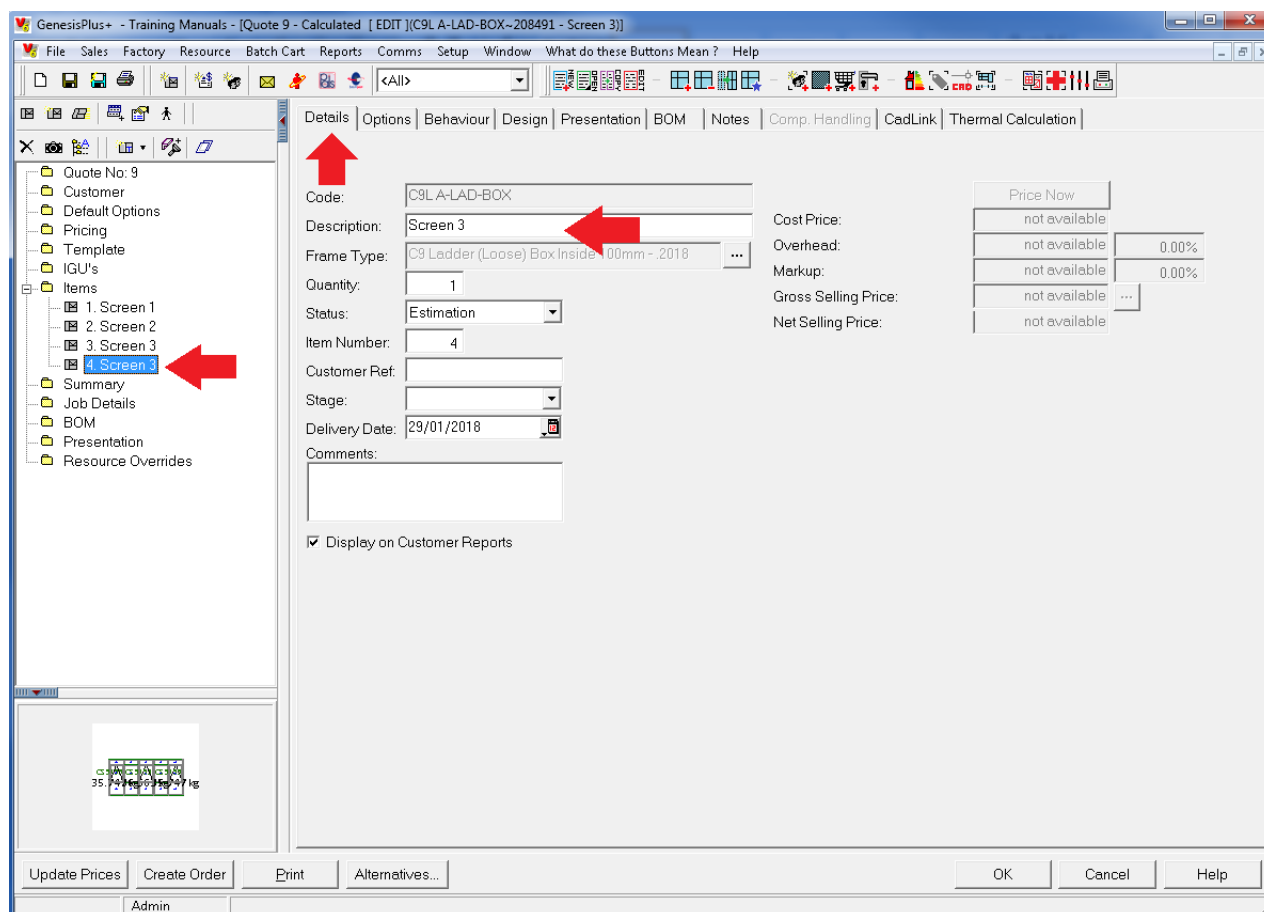
ANOTHER WAY IS TO HIGHLIGHT THE FRAME AND THEN CLICK THE COPY FRAME BUTTON AT THE TOP



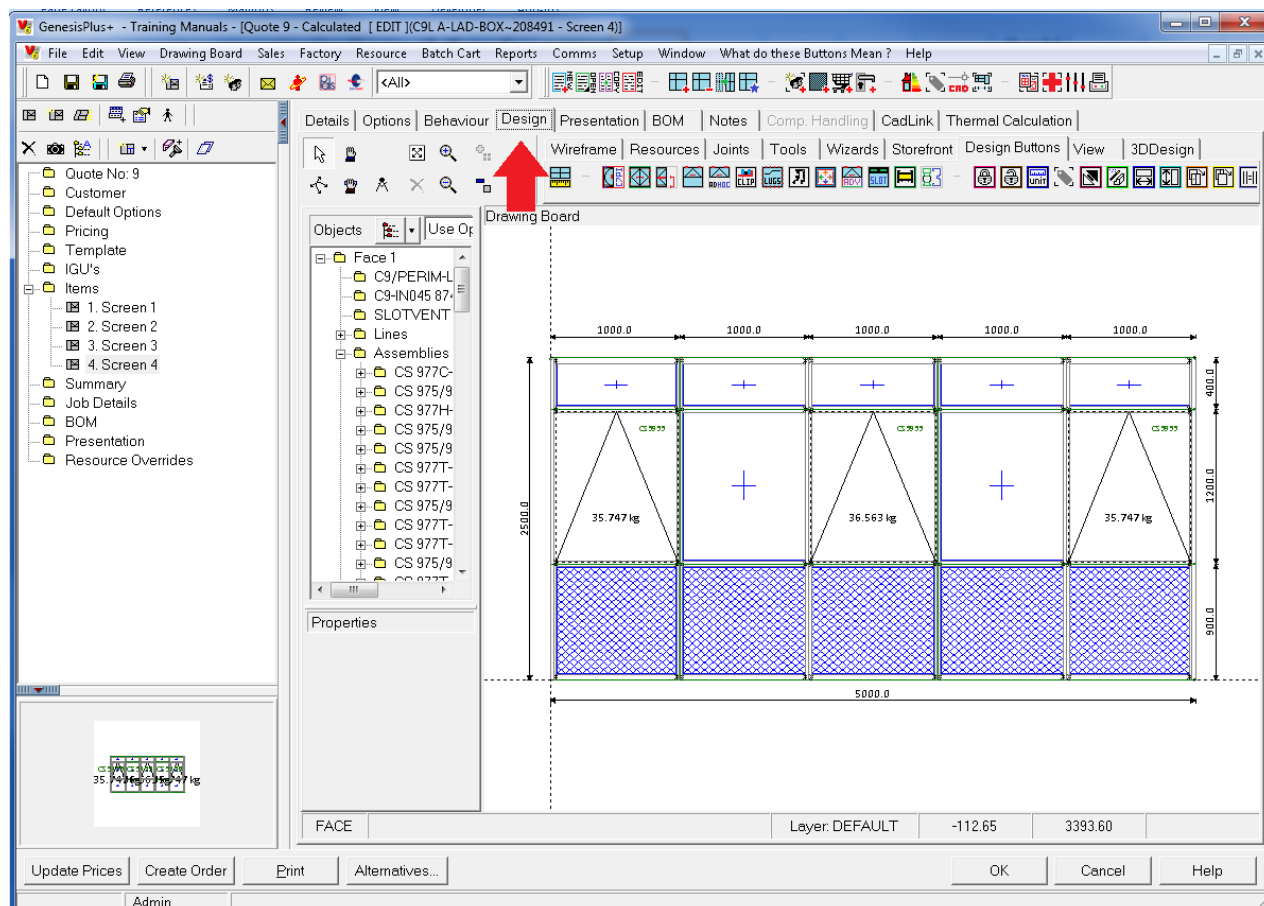
THIS HAS CREATED A NEW FRAME IN THE ITEMS FIELD.



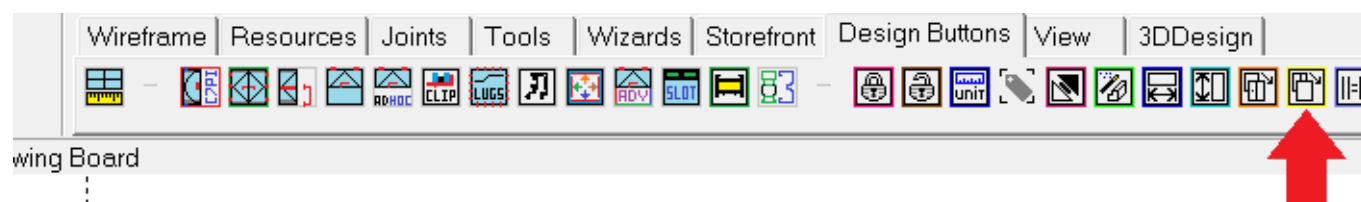
WE CAN RENAME THE COPIED FRAME BY HIGHLIGHTING THE FRAME, THEN GO TO DETAILS ALONG THE TOP AND THEN RENAME THE DESCRIPTION TO BE SCREEN 4



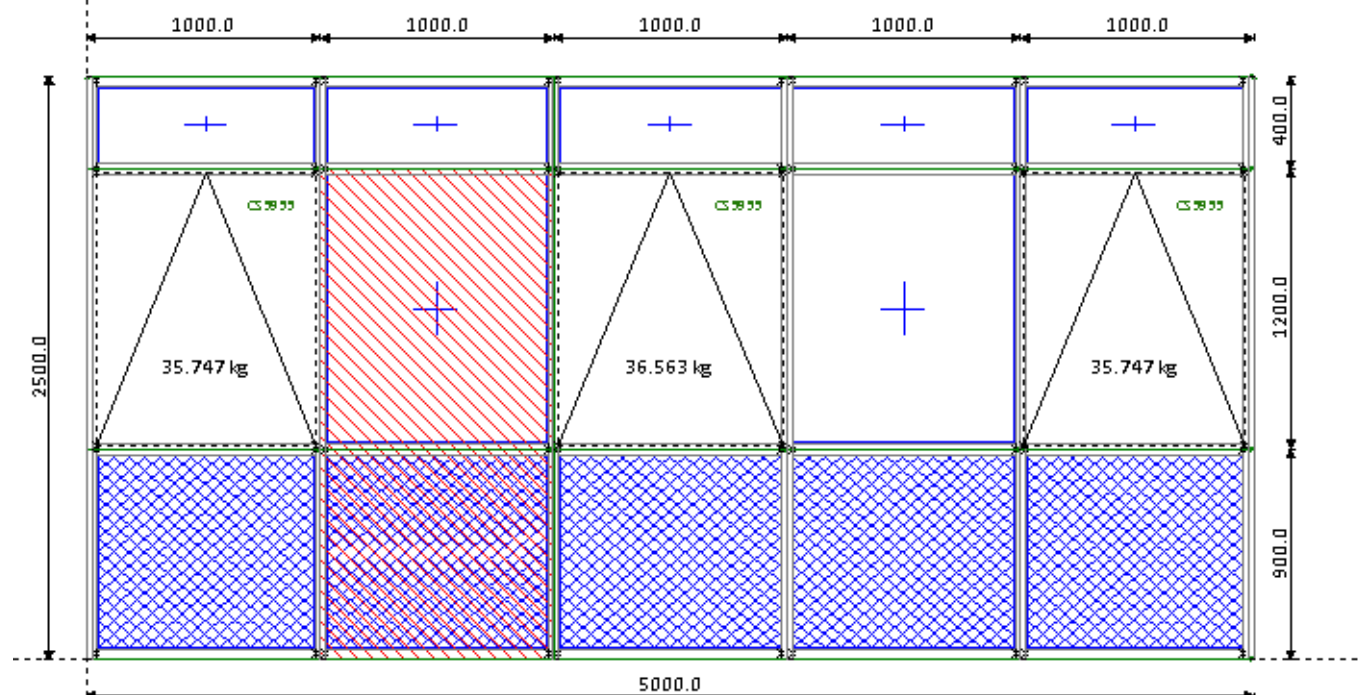
AFTER THAT GO INTO THE DESIGN SCREEN



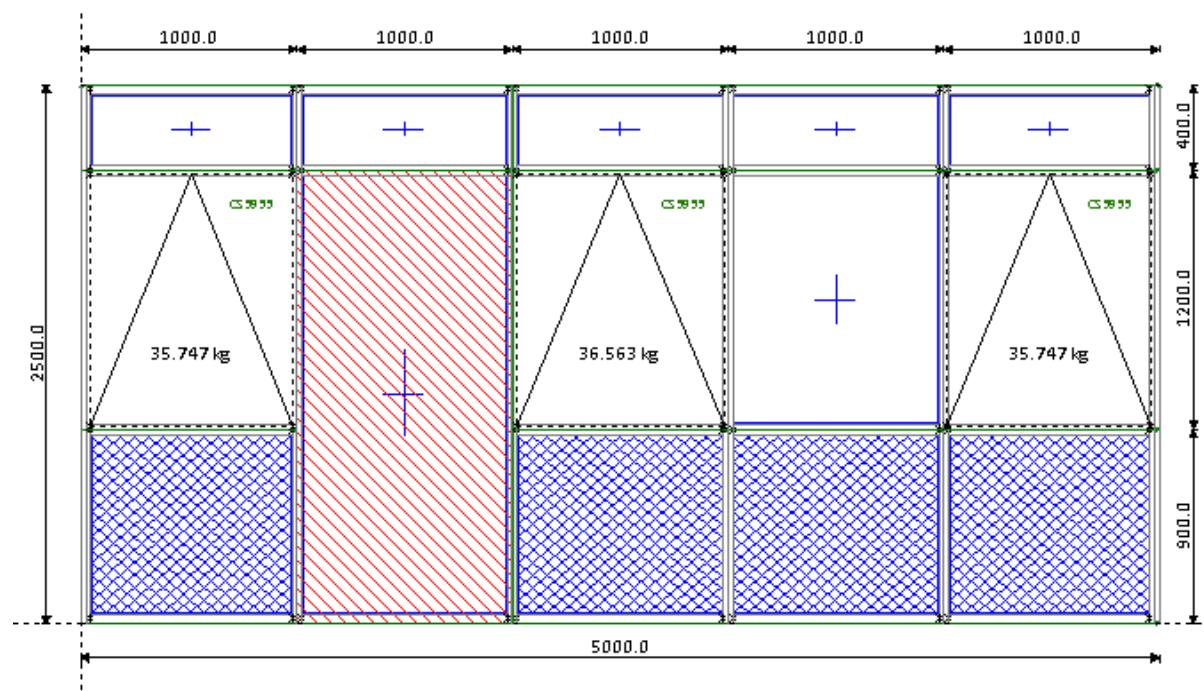
USING YOUR MOUSE AND SHIFT KEY HIGHLIGHT THE TWO LIGHTS TOGETHER AS SHOWN AND THEN CLICK ONTO THE YELLOW "MERGE LIGHT" BUTTON AS SHOWN



wing Board

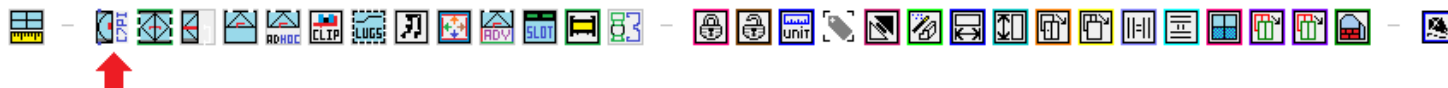


WE NOW HAVE A LARGE LIGHT IN THE CENTRE



WE NOW WANT TO ADD A DOOR LEAF INTO THIS OUTERFRAME

HIGHLIGHT THE LIGHT WHERE WE ARE PLACING THE DOOR USING YOUR MOUSE. WE CAN NOW ADD A DOOR TO THE FRAME. CLICK ONTO THE DOOR BUTTON.



CLICK ONTO THE SINGLE “LH – Single + Mid” OPTION AND THEN CLICK OK

AXIM
ARCHITECTURAL HARDWARE

Recommended Transom Closer Sizes (based on width of each single Leaf)

**Below 750mm
Use Size 1**

**751 to 950mm
Use Size 2**

**950 to 1150mm
Use Size 3**

Please revise the Transom Closer option as needed.

Genesis will not automatically change these.

WHEN YOU HAVE CONFIRMED YOUR SELECTION THE BELOW SCREEN WILL APPEAR. THIS IS THE HEIGHT OF THE MIDRAIL FROM THE FLOOR LEVEL (BASED ON THE THRESHOLD THAT YOU HAVE CHOSEN, IT WILL AUTOMATICALLY ADJUST THE MIDRAIL TO SUIT). CHANGE THIS FIGURE TO BE 900MM. THEN CLICK OK

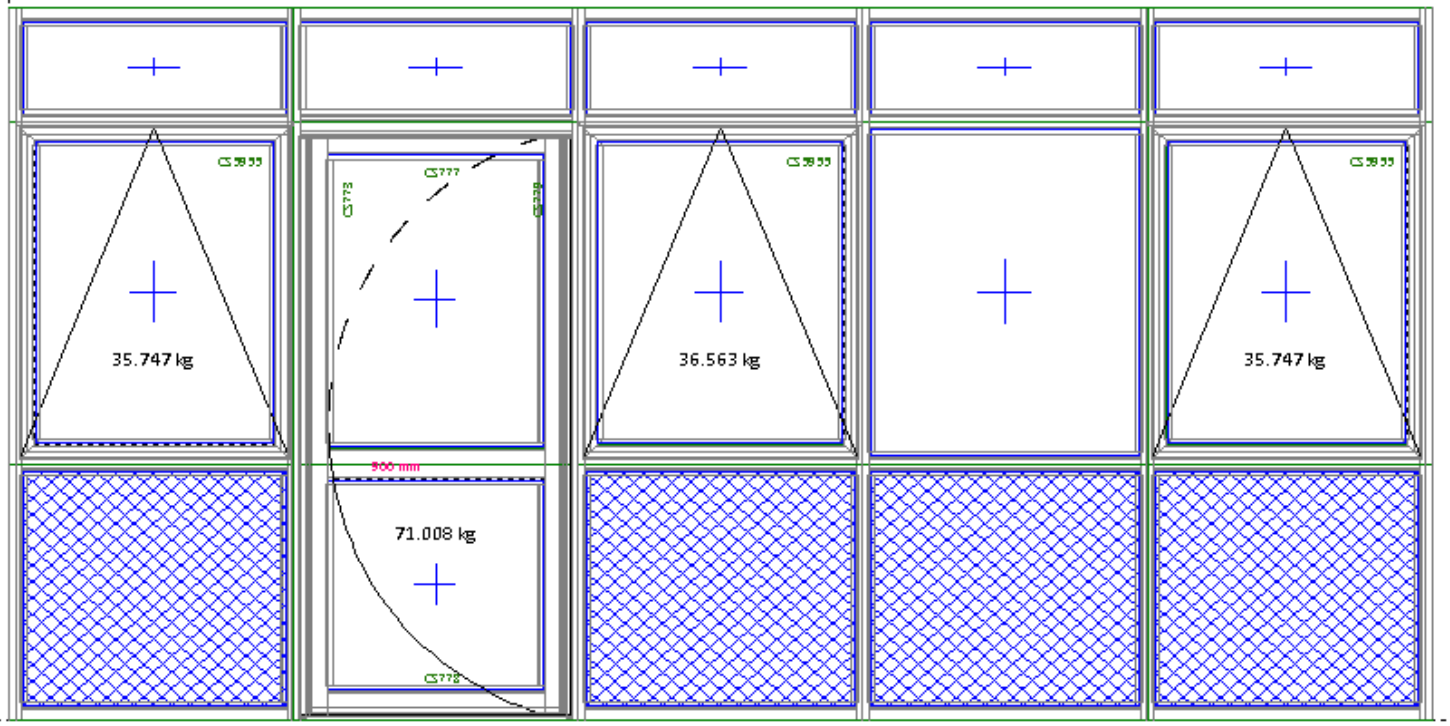
Enter Mid Rail height from Floor level

900

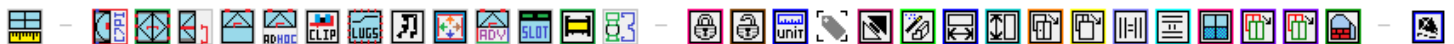
OK

Cancel

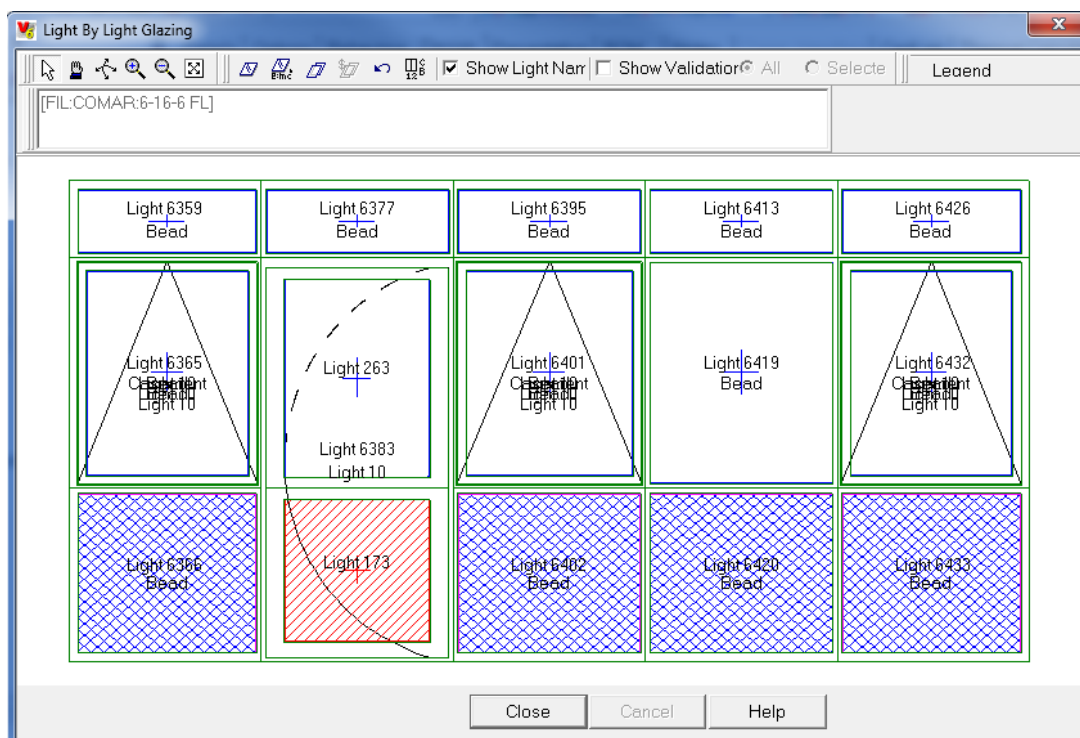
THE SCREEN WILL NOW LOOK LIKE THIS



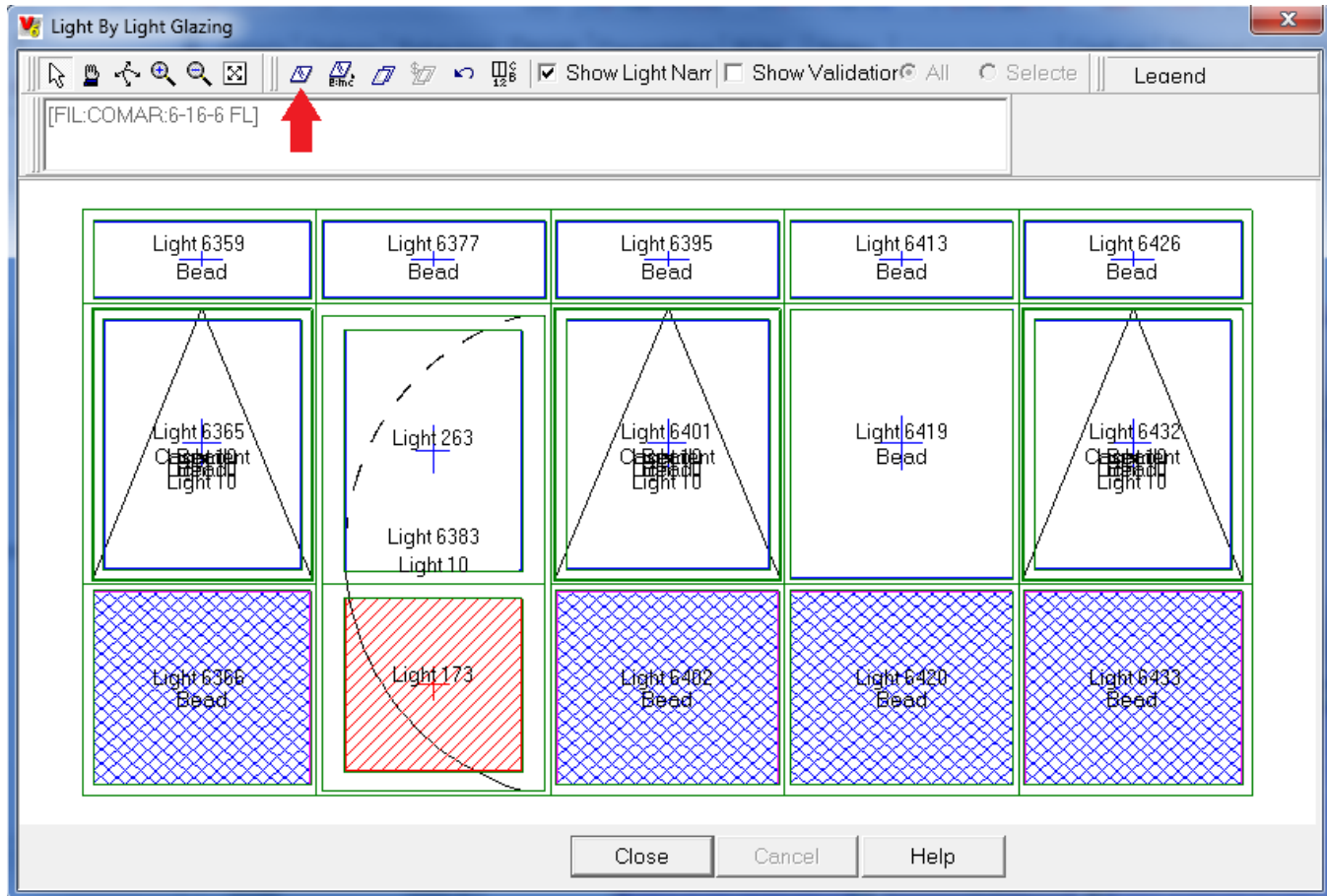
ONE LAST THING THAT WE WANT TO COVER ON BUILDING THIS SCREEN IS CHANGING GLASS TO A PANEL. CLICK ONTO THE LIGHT BY LIGHT GLAZING BUTTON AS SHOWN BELOW.



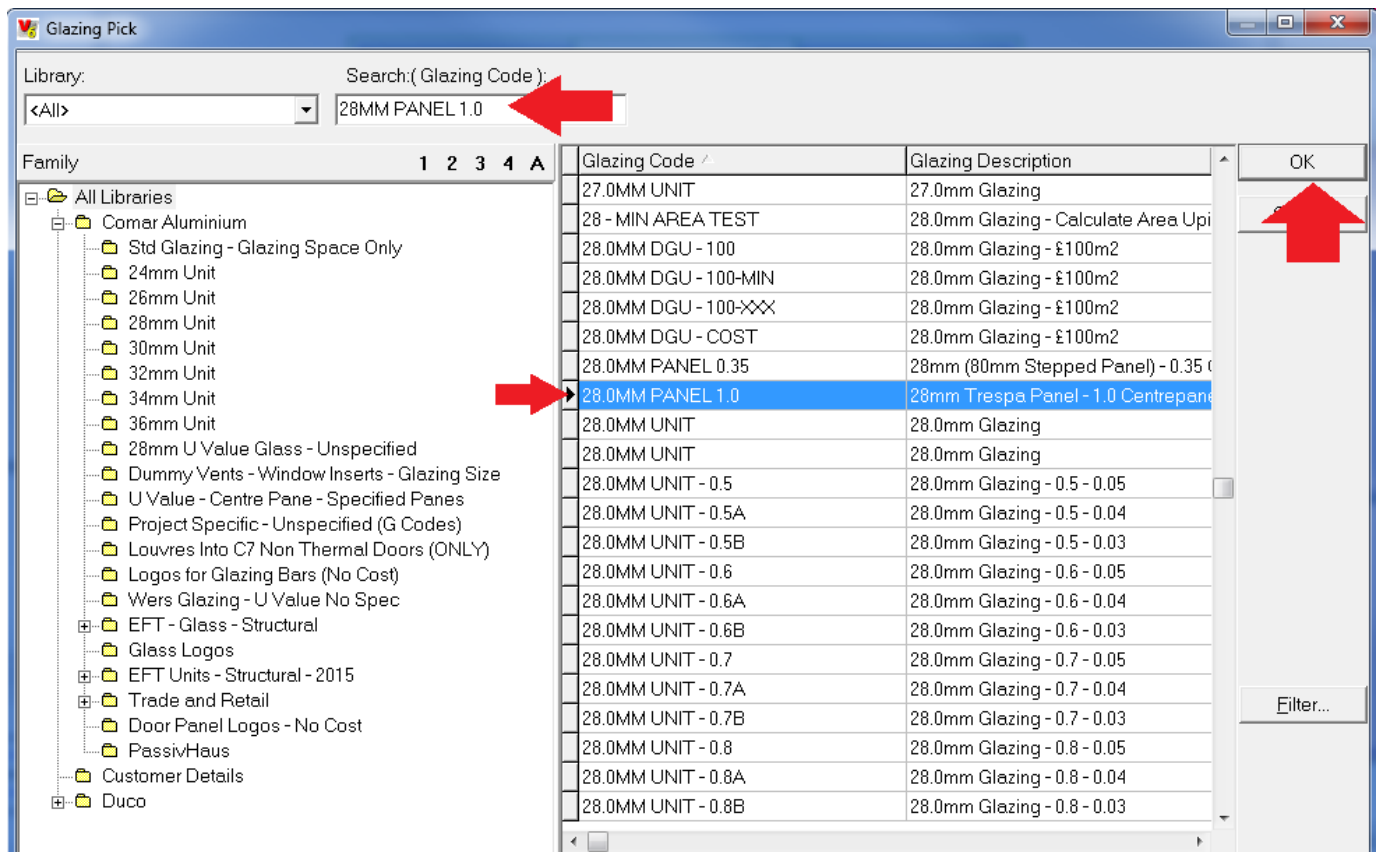
USING YOUR MOUSE AND THE SHIFT KEY ON YOUR KEYBOARD HIGHLIGHT ALL THREE BOTTOM LIGHTS (AS SHOWN)



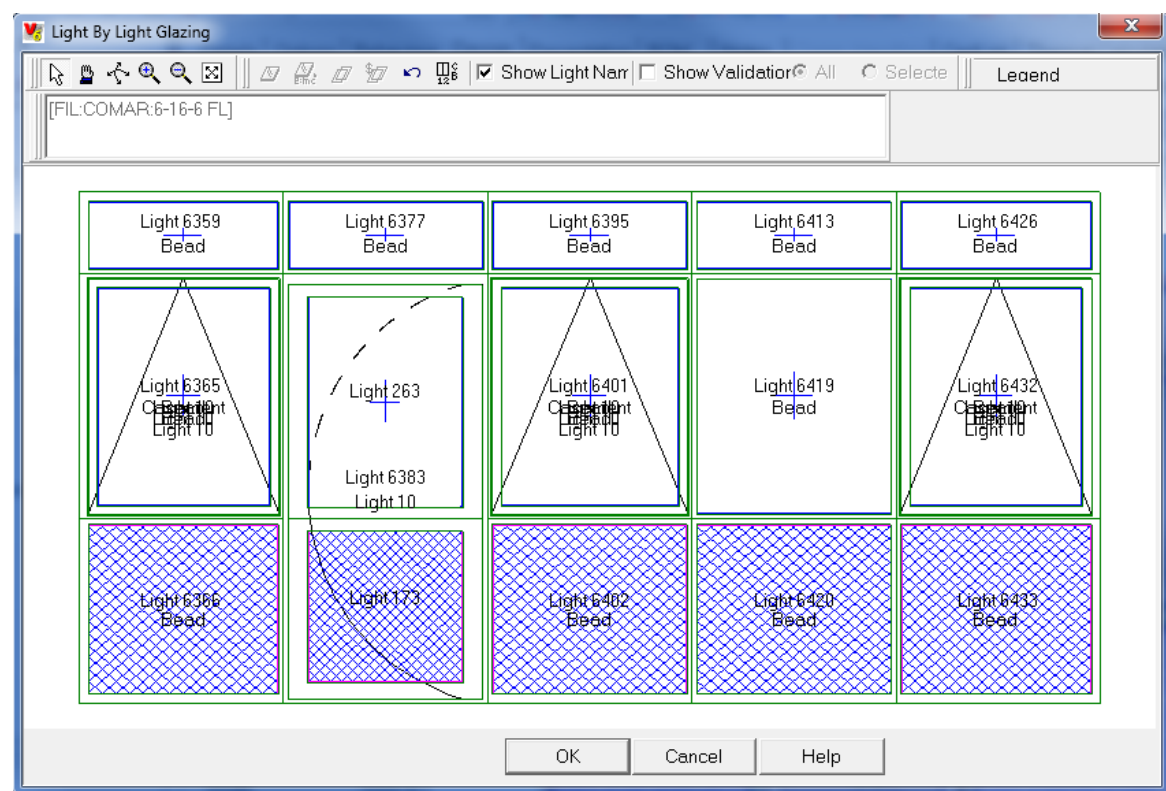
NOW CLICK ONTO THIS BUTTON TO CHANGE THE GLAZING.



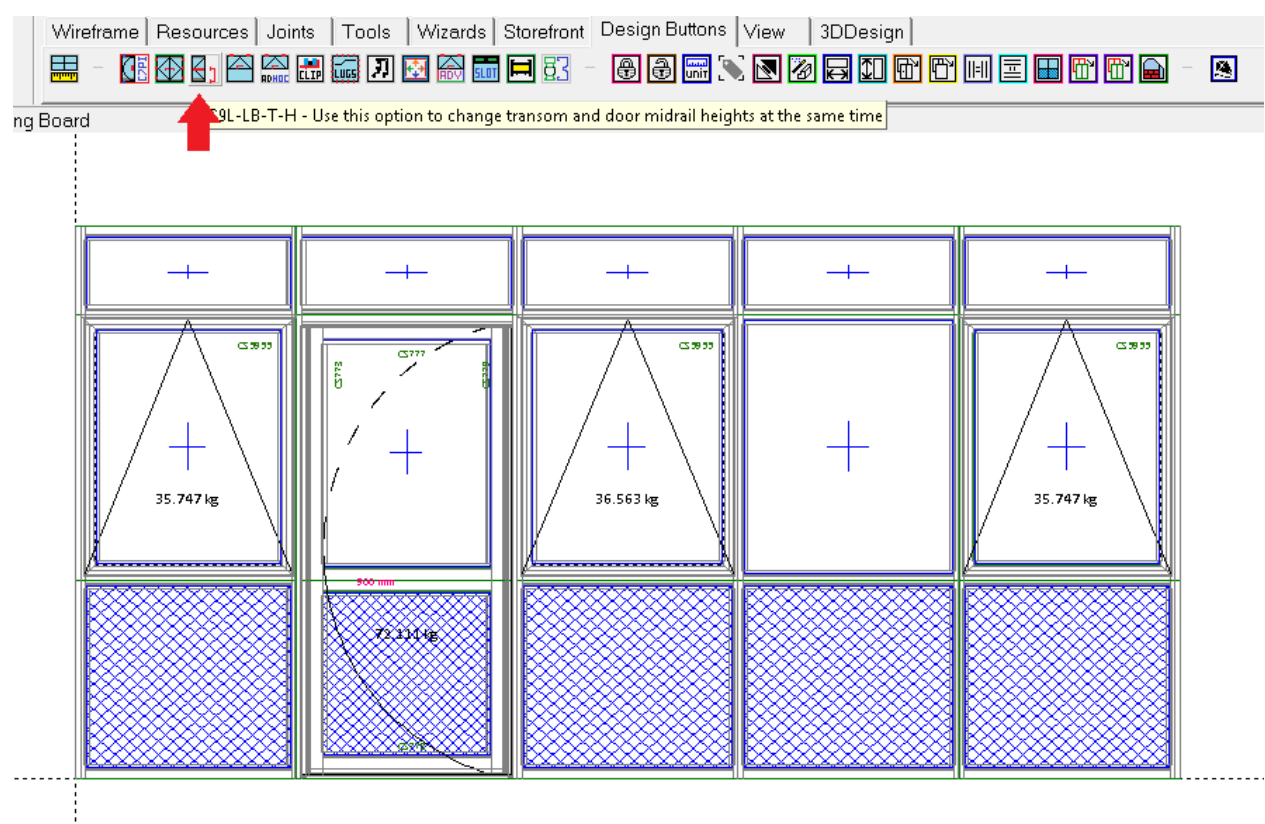
TYPE THE CODE "28MM PANEL 1.0" INTO THE SEARCH (GLAZING CODE) FIELD AND WHEN IT FINDS IT IN THE LIST, HIGHLIGHT IT IN THE LIST AND THEN CLICK OK



THIS WILL NOW BRING THE OTHER SCREEN BACK AND YOU WILL SEE THAT THERE IS A PANEL LOGO IN THE BOTTOM THREE LIGHTS. CLICK OK WHEN COMPLETE

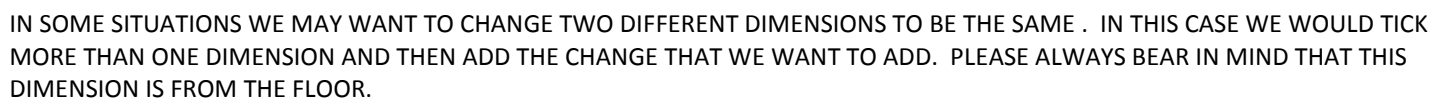


ONE NEW BUTTON THAT WE WILL RUN TO ON THIS FRAME IS CHANGING THE HEIGHT OF THE DOOR MIDRAIL TO MATCH THE SIDE SCREEN. IN THIS EXAMPLE WE WILL MOVE THE DOOR MIDRAIL AND THE SIDE LIGHT TRANSOMS TO SUIT. CLICK ONTO THIS BUTTON AS SHOWN



TYPE IN 800, CLICK THE 900MM BOX AND THEN CLICK "UPDATE FRAME"

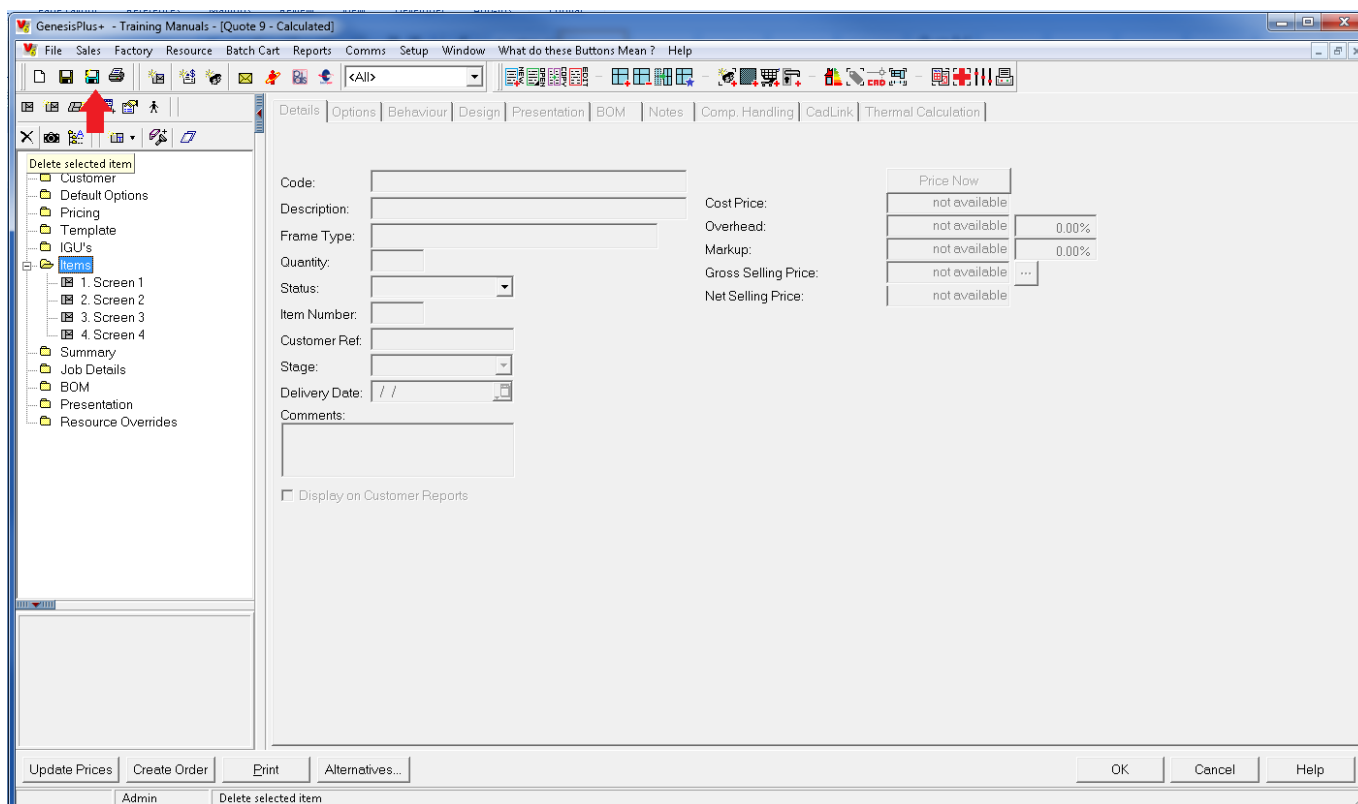
THIS FRAME IS NOW COMPLETE



64 | Page

IT IS ALWAYS A GOOD IDEA TO SAVE THE QUOTE AFTER EACH ITEM HAS BEEN ADDED OR AFTER ADDING A FEW ITEMS, THIS WILL MEAN THAT IF YOUR COMPUTER HAS A PROBLEM OR SHUTS DOWN THEN IT WILL SAVE THE QUOTE AT THE POINT THAT YOU SAVE IT.

CLICK ONTO THIS BUTTON (QUICK SAVE) TO SAVE IT



UNLIKE A LOT OF OTHER PROGRAMS YOU DO NOT HAVE TO CLICK ONTO THE OK BUTTON AT THE BOTTOM TO SAVE IT OR COMPLETE THE CHANGES. THIS OK BUTTON WILL BEING YOU OUT OF THE QUOTE AND SHUT IT DOWN.

IF YOU DO CLICK THIS BUTTON THEN CLICK BACK ONTO THE OPEN QUOTE BUTTON TO OPEN IT BACK UP



EDIT A QUOTE. THIS WILL OPEN A QUOTE THAT YOU HAVE ALREADY STARTED AND SHUT DOWN



Page No: 5

ELEVATION PORTRAIT

Date/Time: 29/01/2018 17:06:06

Quote Title: School - Training Manual

Quote No: SH-3- -Ver 3

Cust Name:

Job Ref:

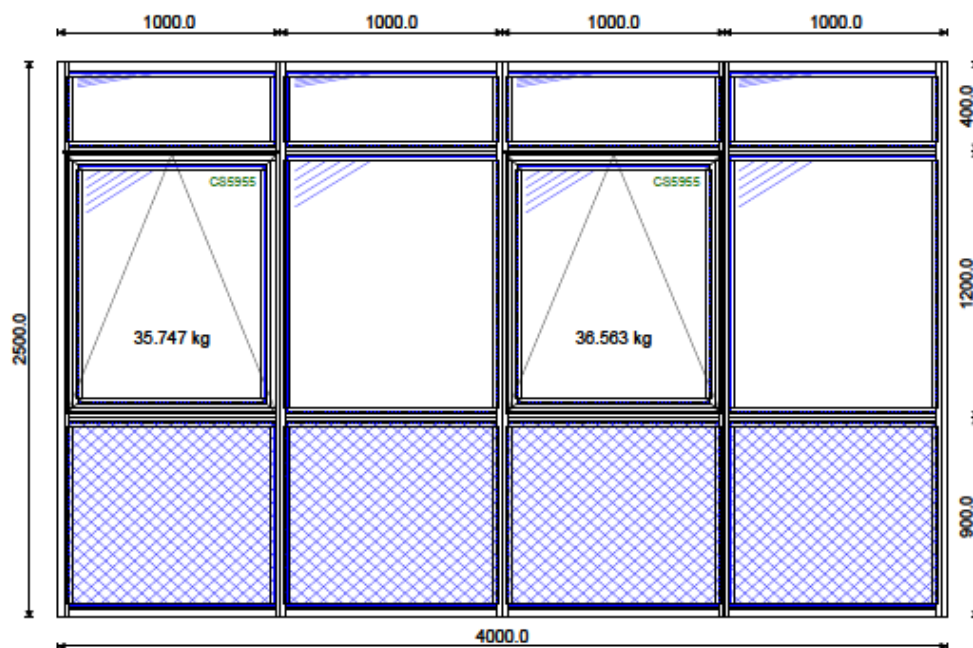
Finish:

Deliv Date:

Other:



Do Not Scale



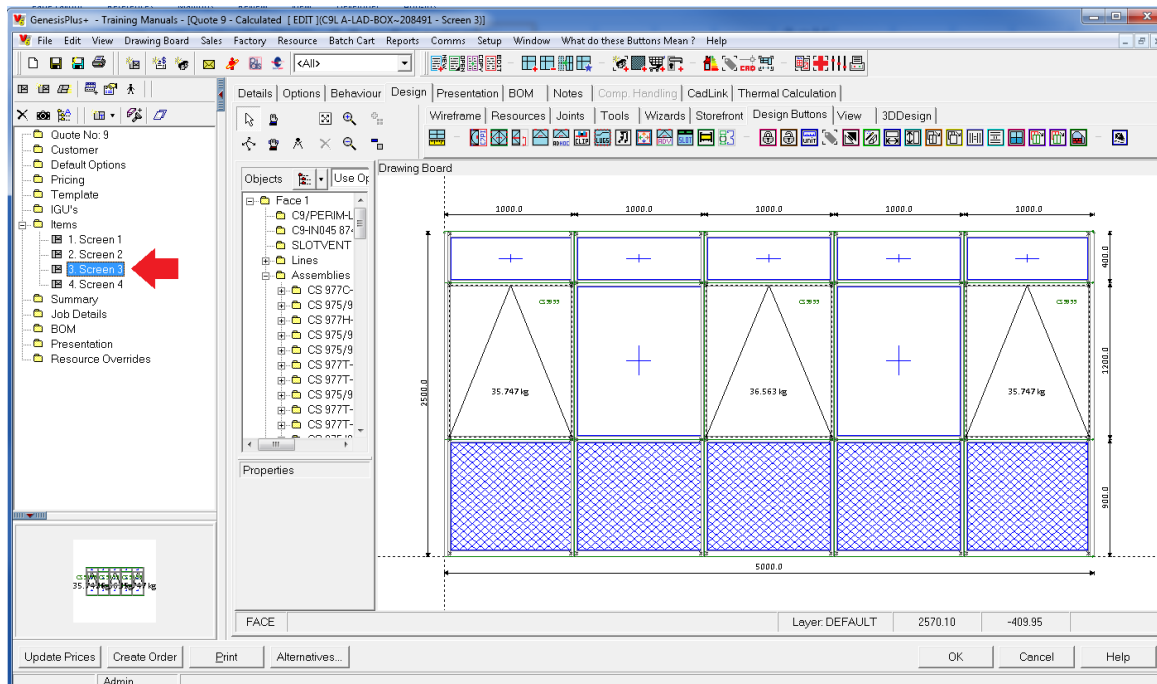
Item Description: Comar 9PI (100mm) - Loose Beaded L/Frame Item Number: 5

Quantity: 1

COPYING AND CHANGING AN EXISTING FRAME IN THE QUOTE

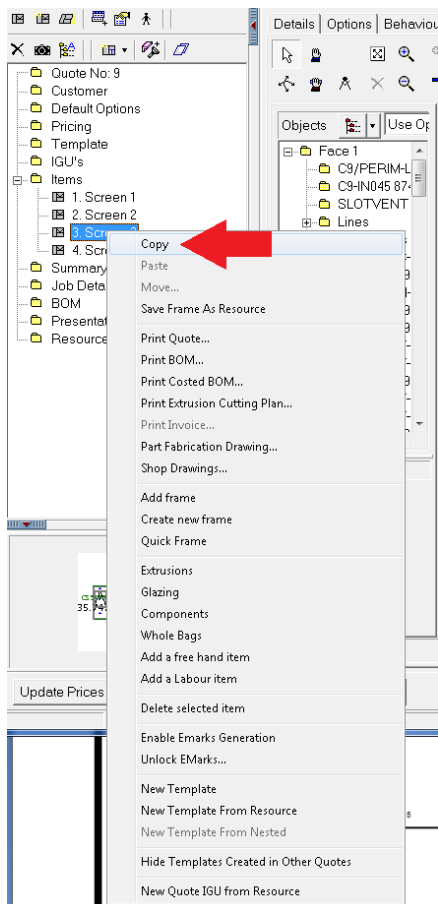
AGAIN THIS IS A SIMILAR FRAME AND TO SAVE TIME WE CAN MAKE A COPY OF A ANOTHER FRAME, THIS CAN SAVE A LOT OF TIME AS THE FRAME IS PARTLY BUILT.

HIGHLIGHT SCREEN 3 AGAIN IN THE ITEMS TREE (AS SHOWN BELOW)

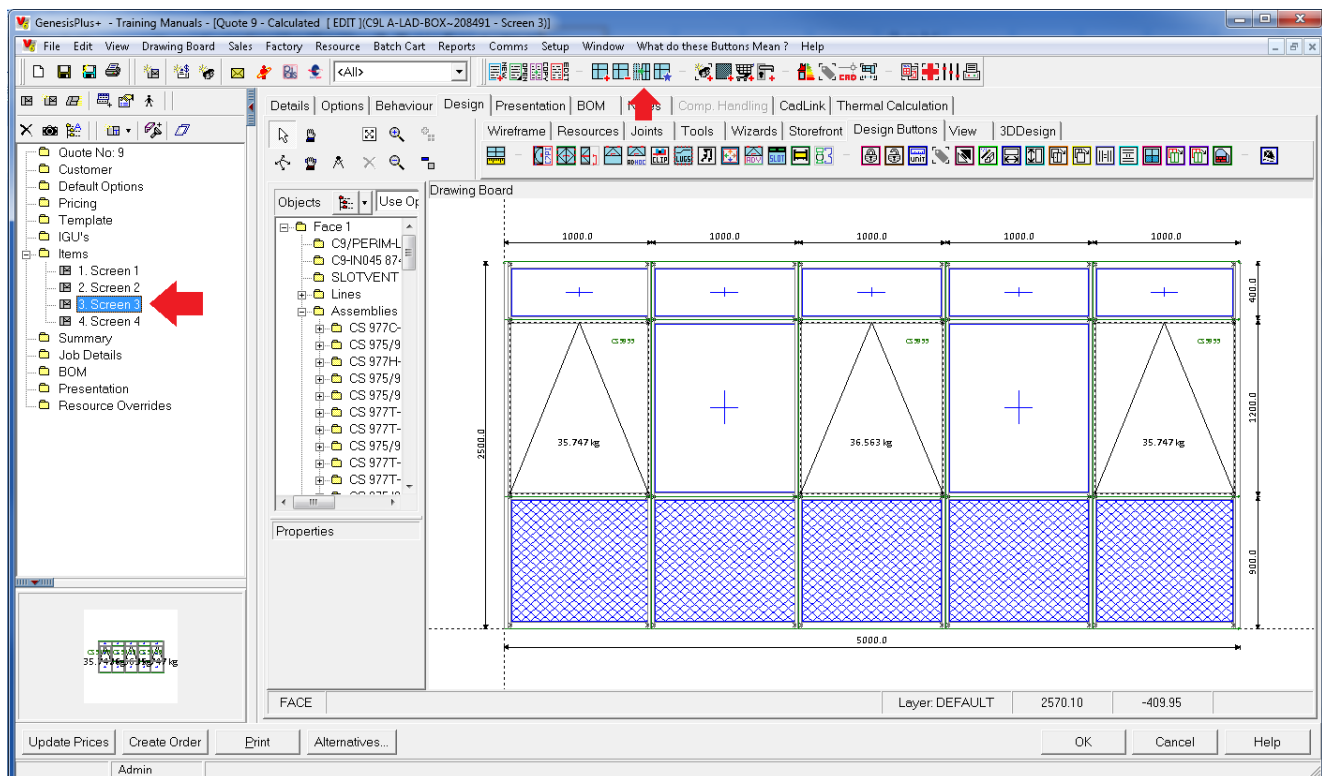


THERE ARE SEVERAL WAYS TO COPY A FRAME, YOU CAN RIGHTCLICK ON THE FRAME AND USE COPY.

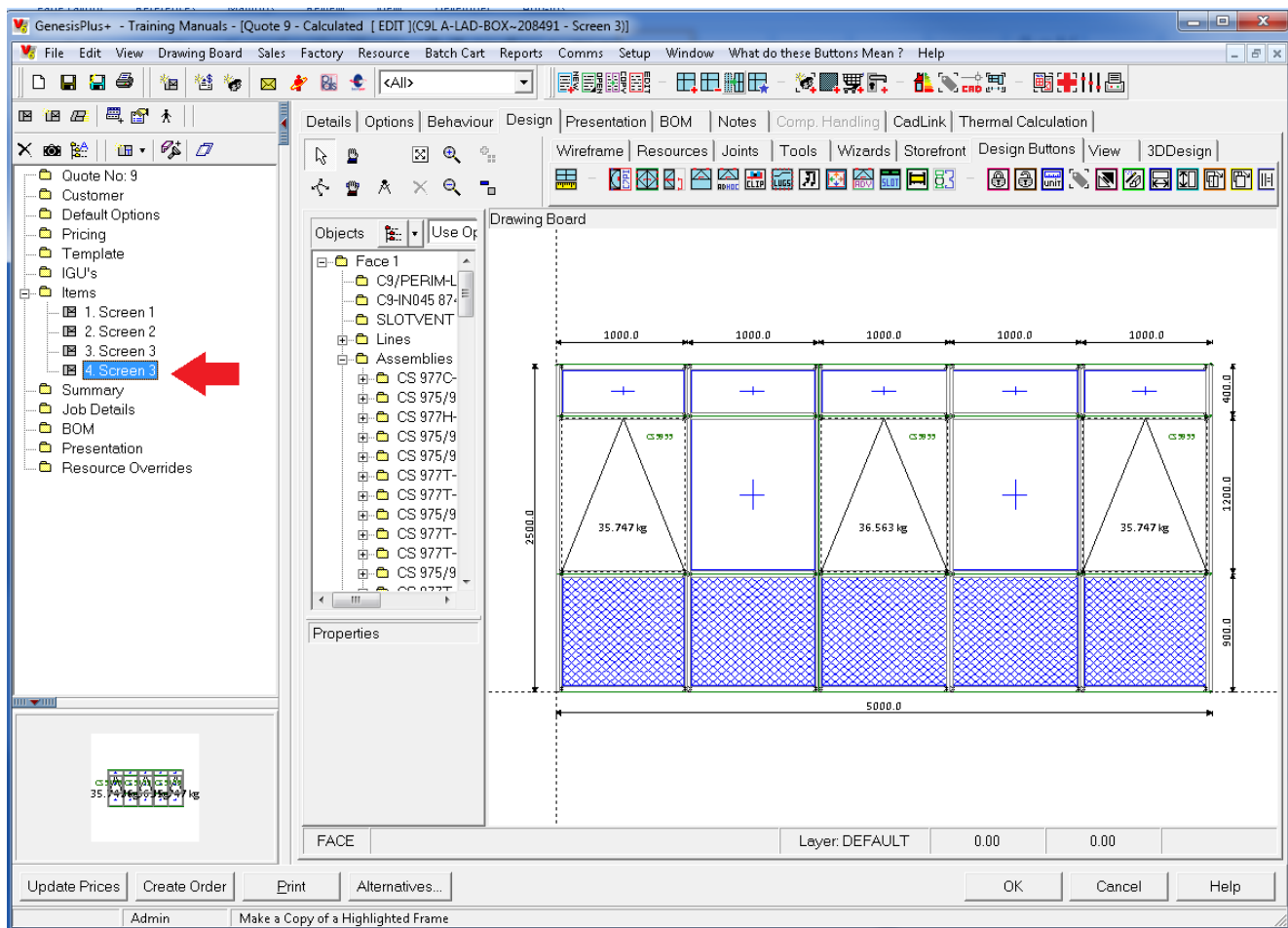
YOU CAN THEN RIGHTCLICK AND CLICK TO PASTE THE FRAME.



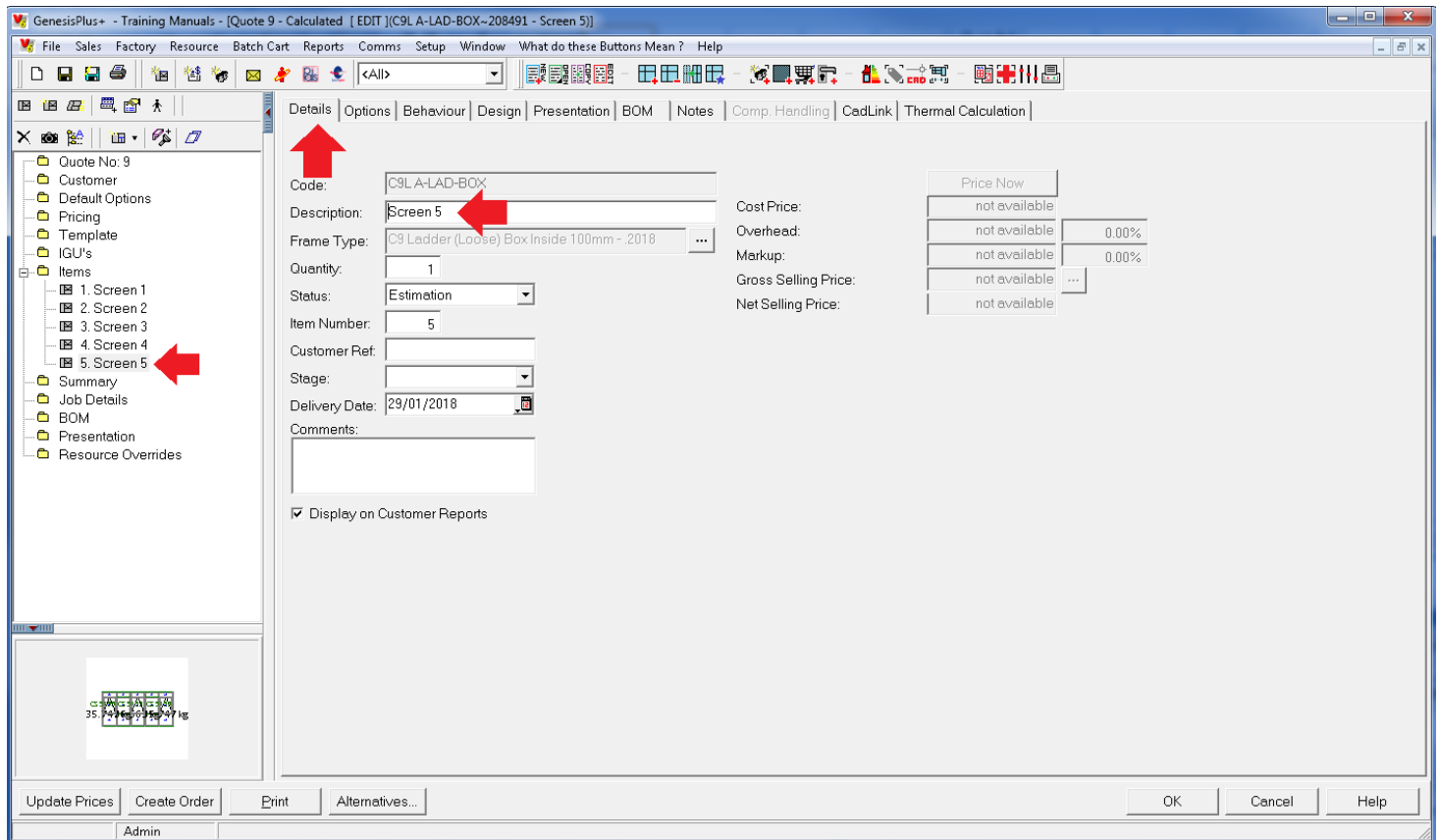
ANOTHER WAY IS TO HIGHLIGHT THE FRAME AND THEN CLICK THE COPY FRAME BUTTON AT THE TOP



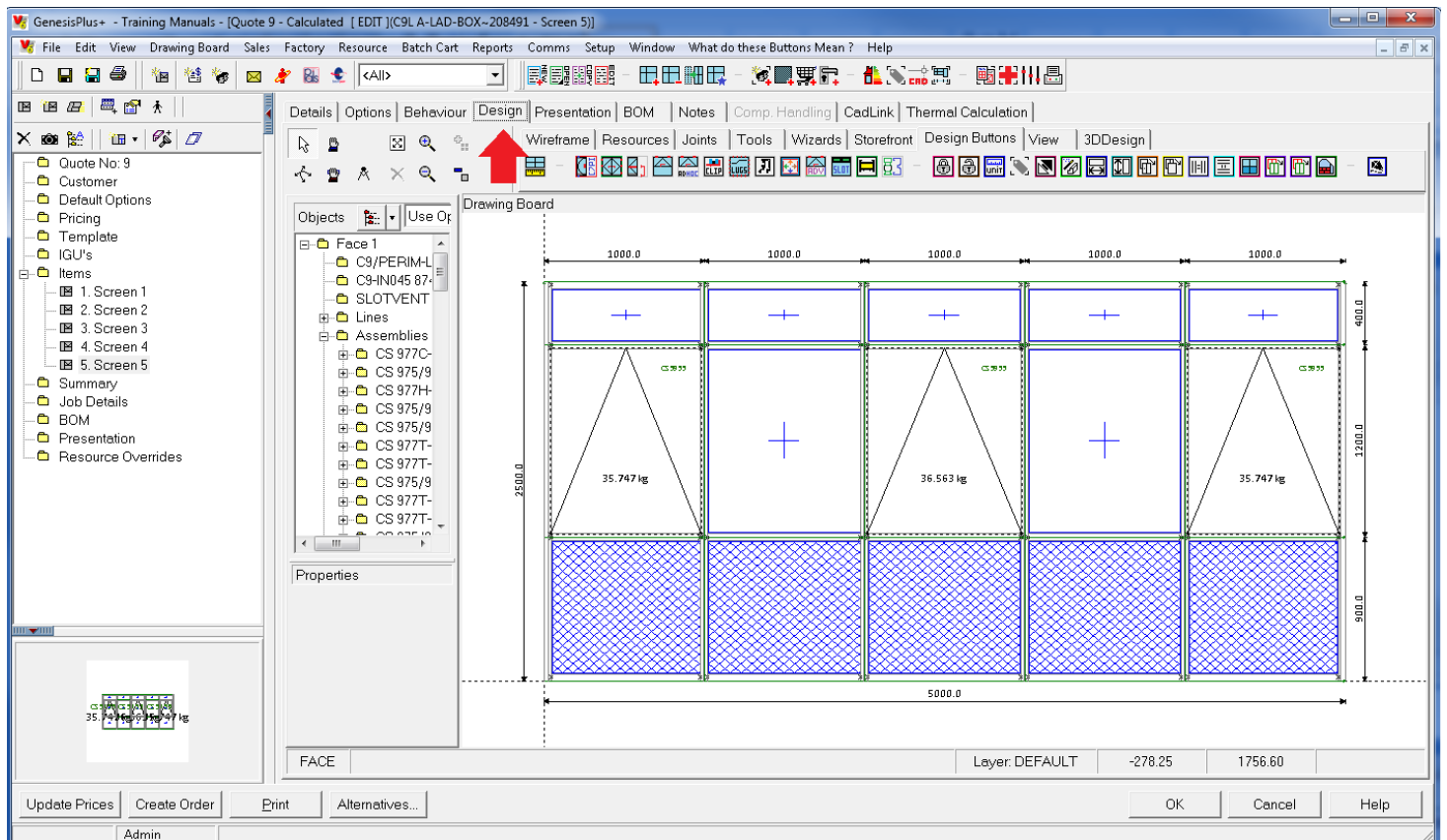
THIS HAS CREATED A NEW FRAME IN THE ITEMS FIELD.



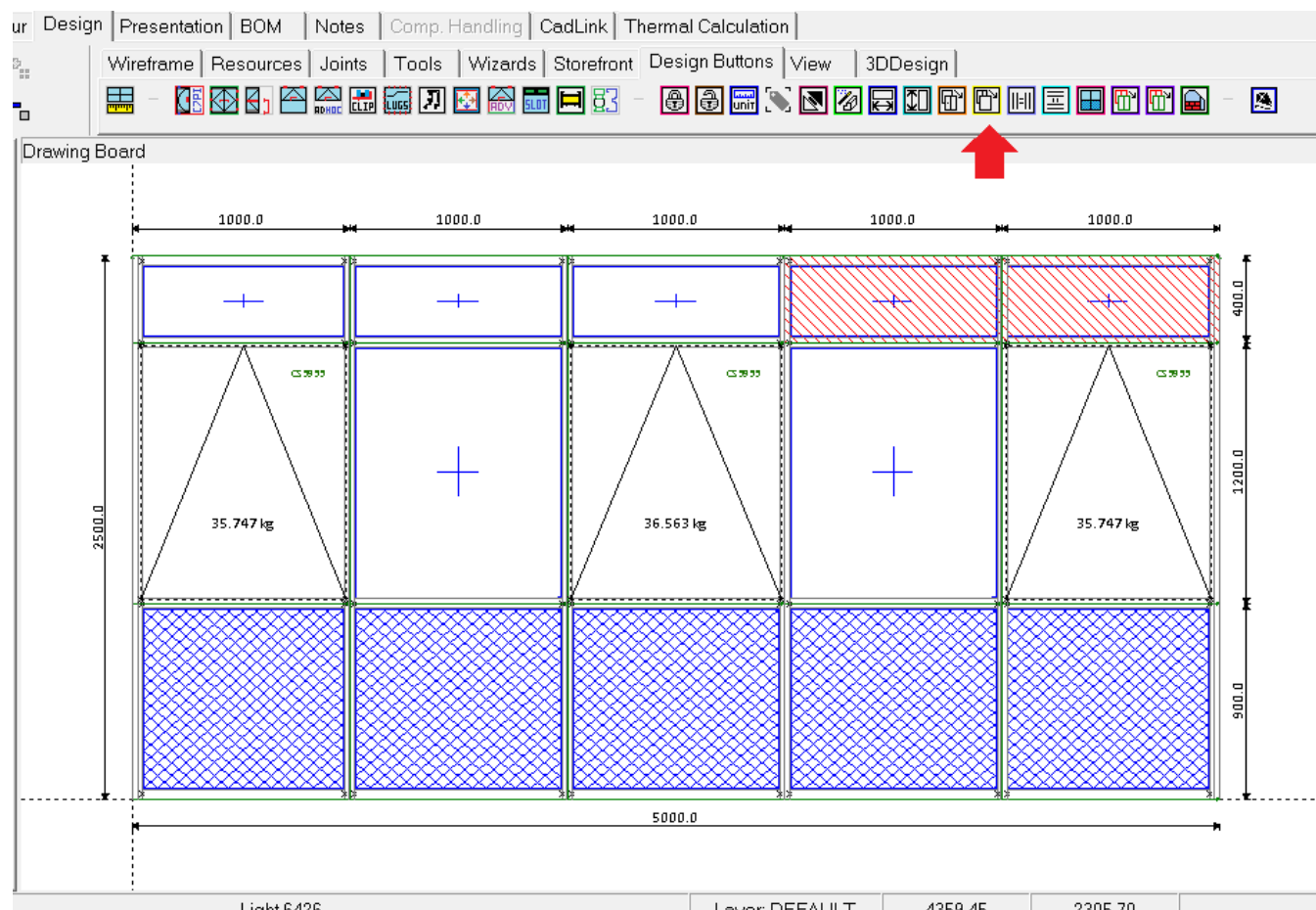
WE CAN RENAME THE COPIED FRAME BY HIGHLIGHTING THE FRAME, THEN GO TO DETAILS ALONG THE TOP AND THEN RENAME THE DESCRIPTION TO BE SCREEN 5



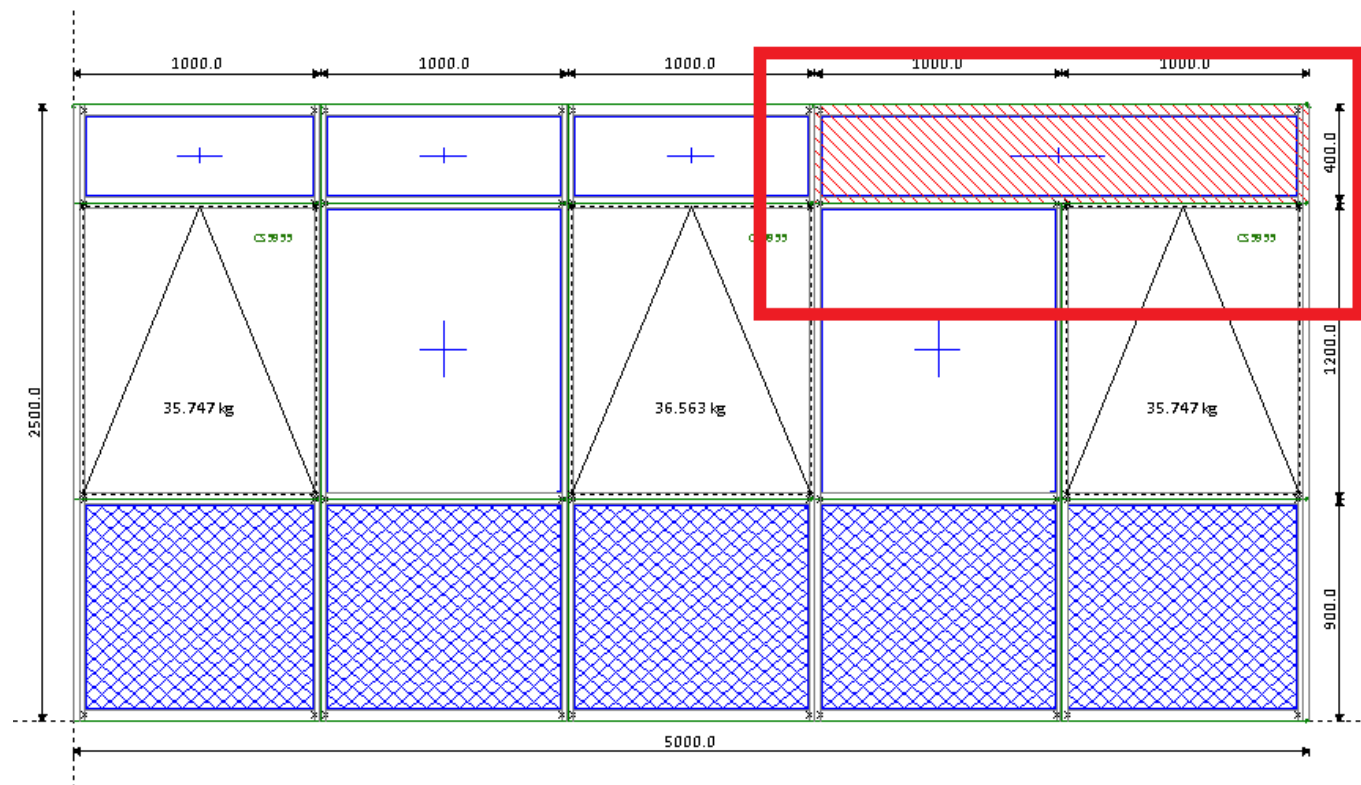
AFTER THAT GO INTO THE DESIGN SCREEN



USING YOUR MOUSE AND SHIFT KEY HIGHLIGHT THE TWO LIGHTS TOGETHER AS SHOWN AND THEN CLICK ONTO THE YELLOW "MERGE LIGHT" BUTTON AS SHOWN

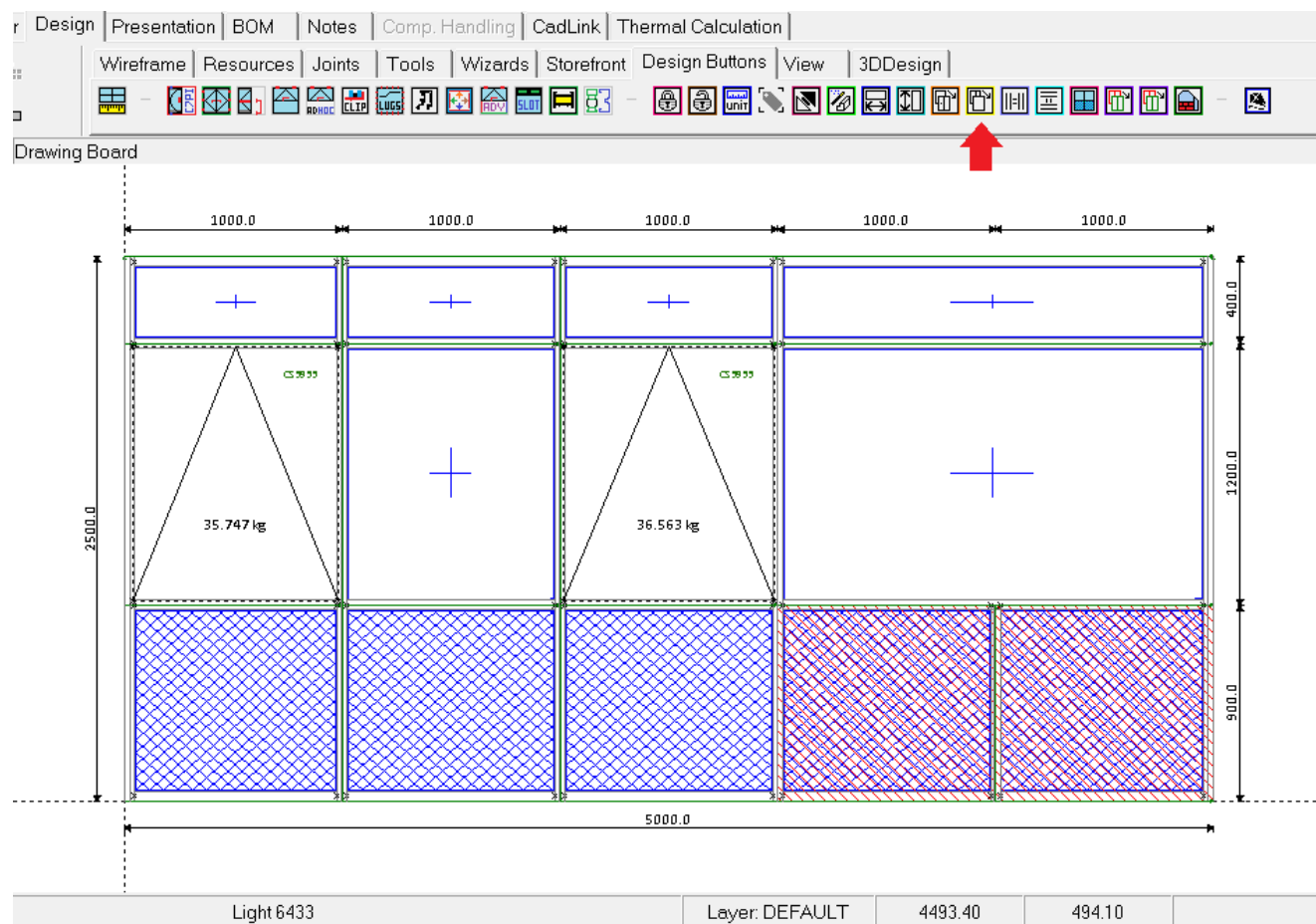


WE NOW HAVE A LARGE LIGHT ON THE TOP RIGHT

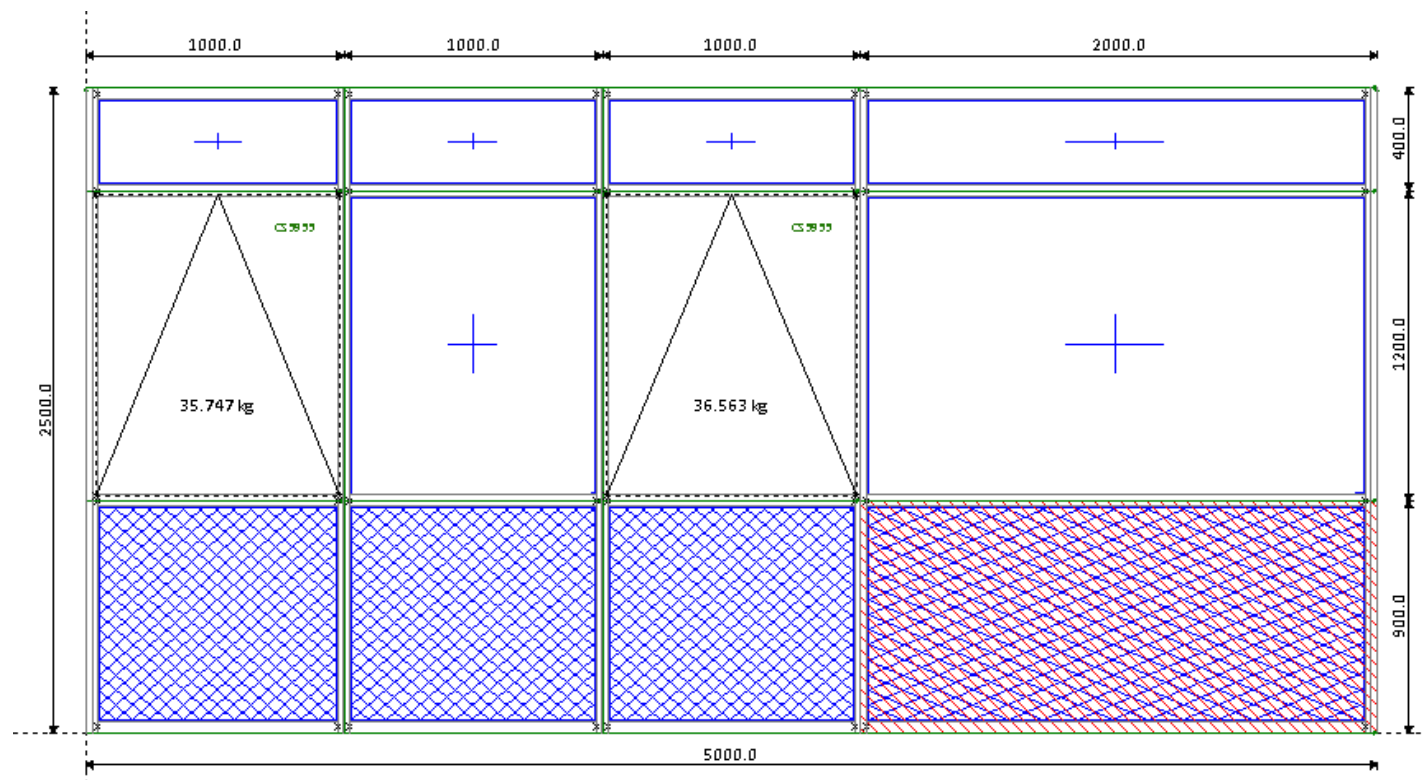


Technical drawing of a floor plan for a 5000.0 x 2500.0 area, divided into a 2x4 grid of rooms. The top row has a 400.0 high section and a 1200.0 high section. The bottom row has a 900.0 high section. Rooms include triangles labeled 35.747 kg and 36.563 kg, a red hatched room, and a blue cross-hatched room. Dimensions are marked with green and purple lines.

USING YOUR MOUSE AND SHIFT KEY HIGHLIGHT THE NEXT TWO LIGHTS TOGETHER AS SHOWN AND THEN CLICK ONTO THE YELLOW “MERGE LIGHT” BUTTON AS SHOWN

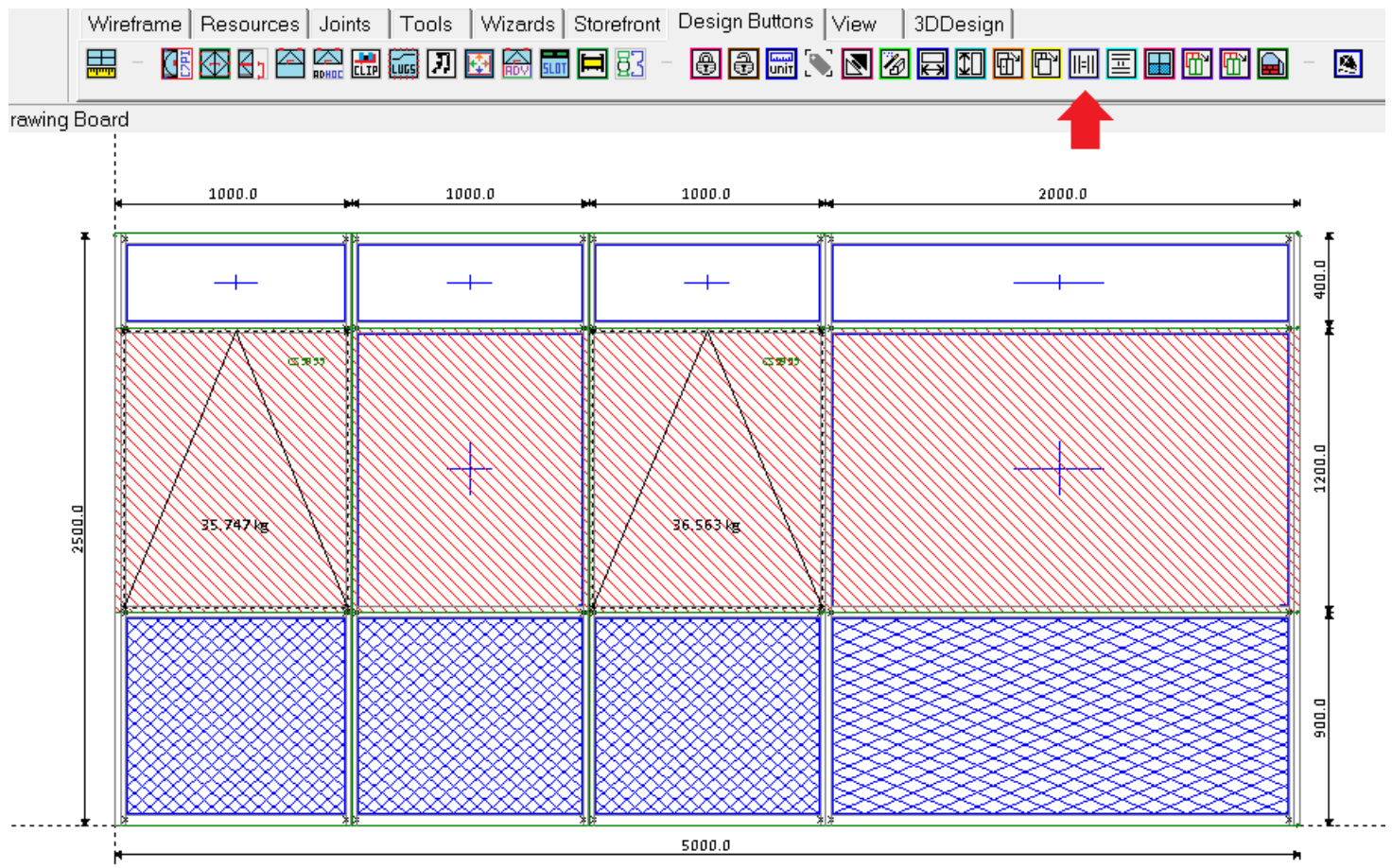


WE NOW HAVE A LARGE LIGHT IN THE MIDDLE RIGHT

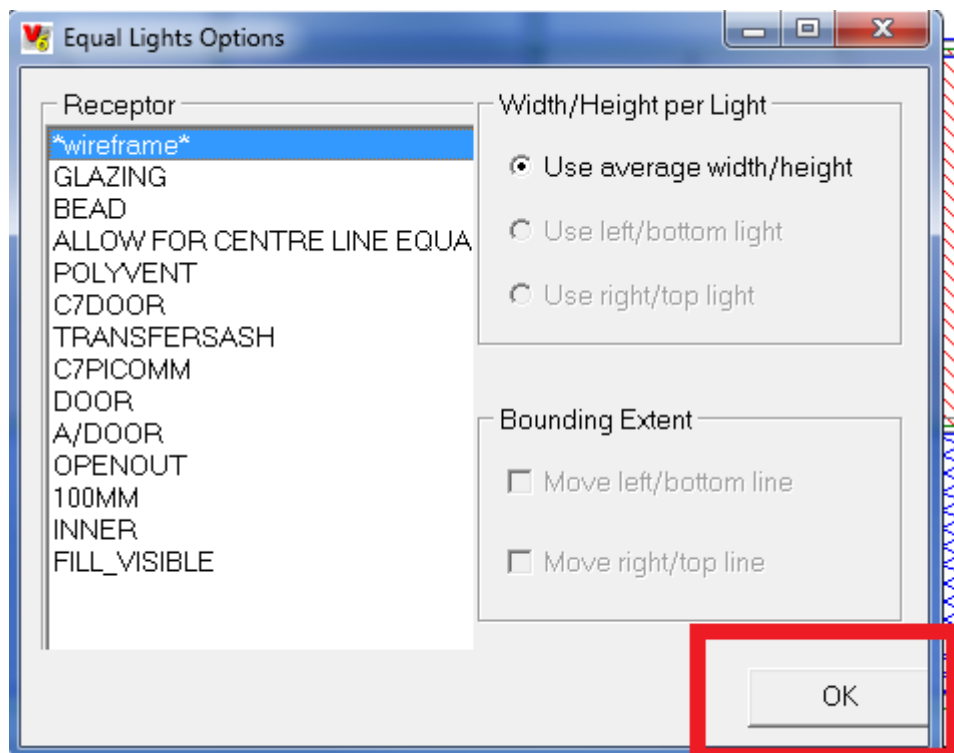


WE WILL NOW USE ANOTHER COMMAND THAT WE HAVENT USED BEFORE TO EQUAL THE WIDTHS OF THE COLUMNS. HIGHLIGHT ANY OF THE FOUR LIGHTS IN EACH OF THE THREE ROWS. I HAVE CHOSEN THE MIDDLE ROW.

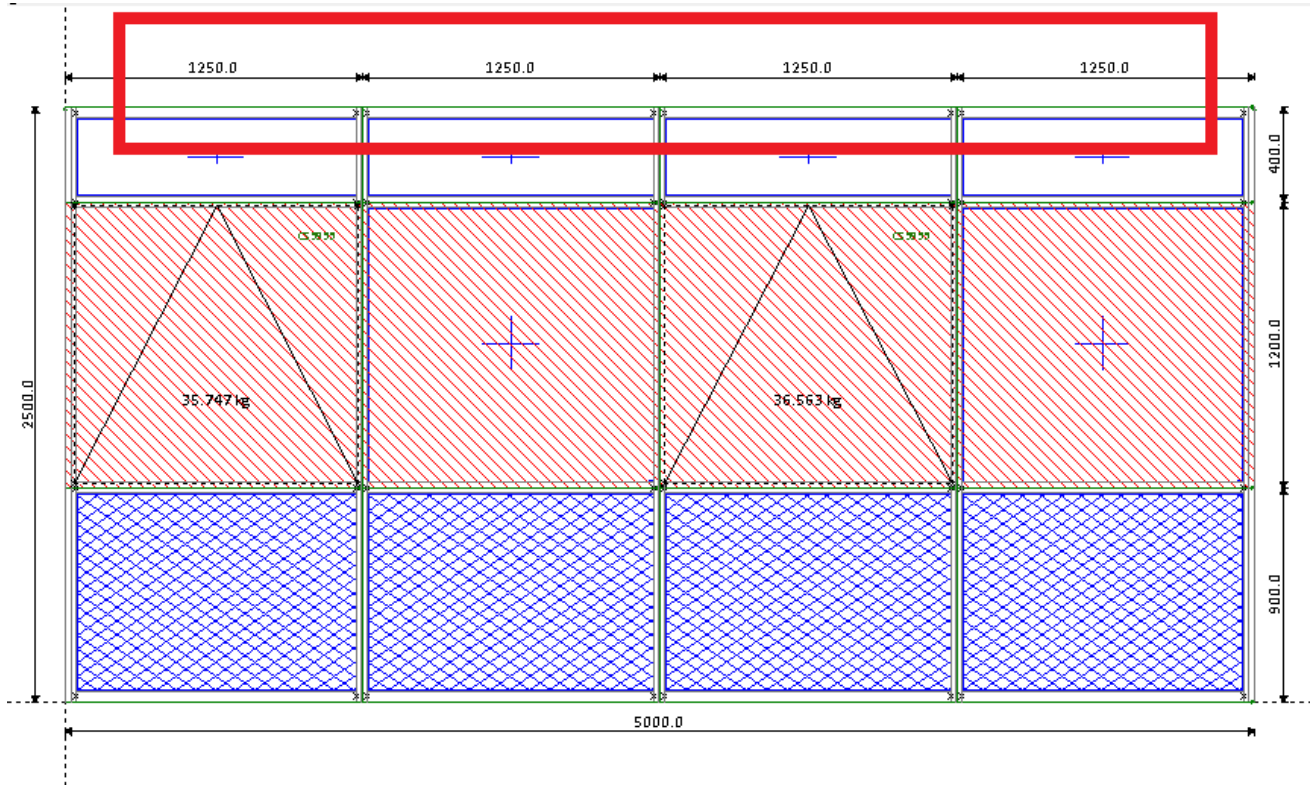
THEN CLICK ONTO EQUAL LIGHTS ON WIDTH BUTTON (AS SHOWN).



LEAVE THE RECEPTOR OPTION AS STANDARD AND THEN CLICK OK

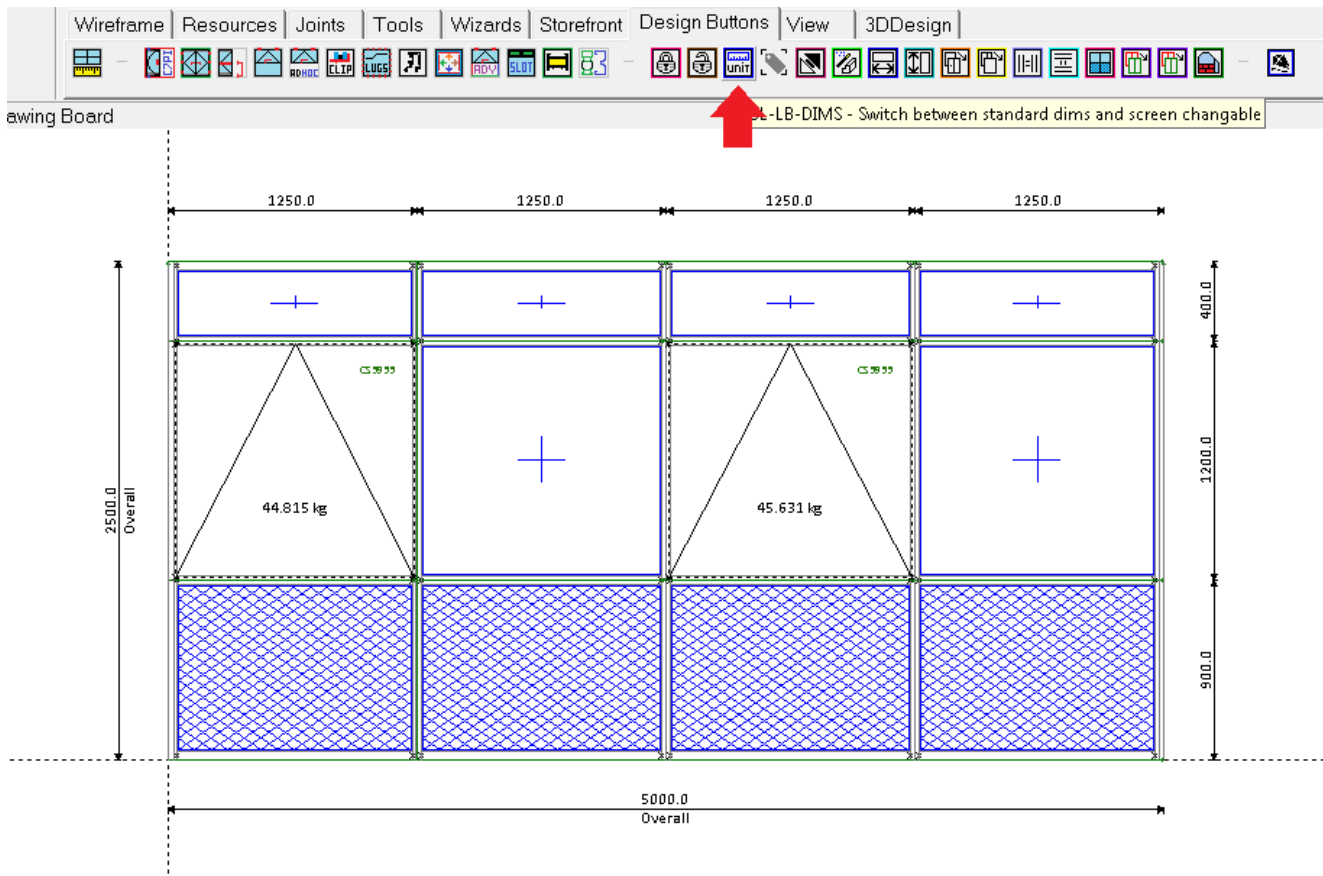


THESE FOUR DIMENSIONS ARE NOW THE SAME

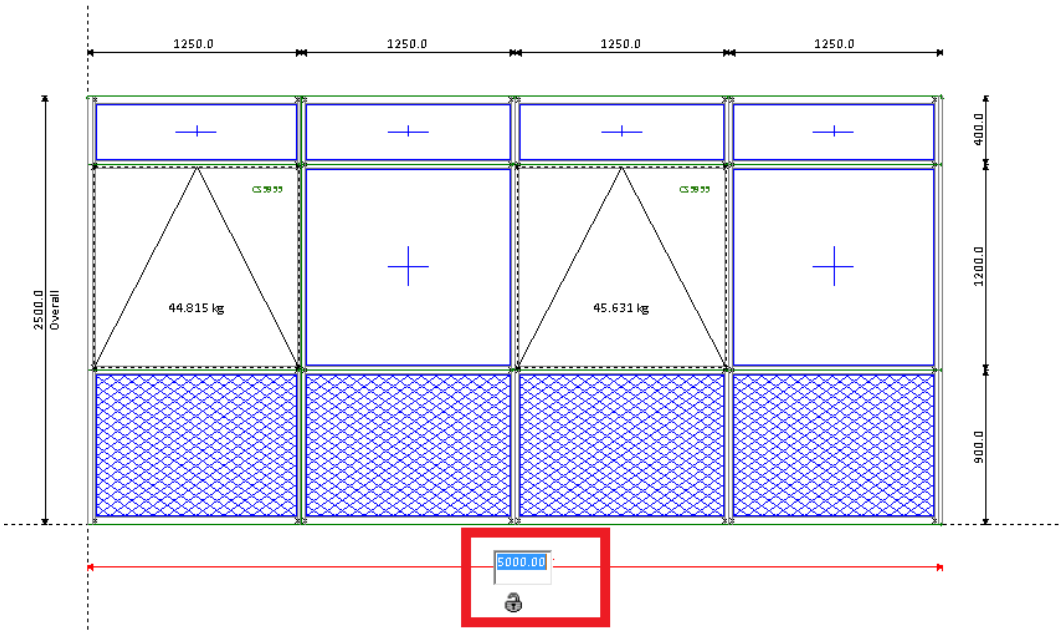


ONE LAST THING THAT WE WANT TO COVER IS CHANGING THE DIMENSIONS OF THE OVERALL FRAME, WE HAVE TAKEN A 5000MM WIDE FRAME AND WANT TO TAKE THIS DOWN TO 4000MM

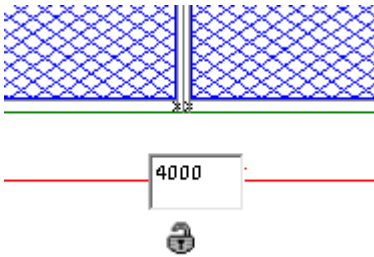
WHILST IN THE DESIGN SCREEN CLICK ONTO THE UNIT BUTTON . THIS SWITCHES THE DIMENSIONS SO THAT THEY ARE CHANGEABLE ON THE SCREEN.



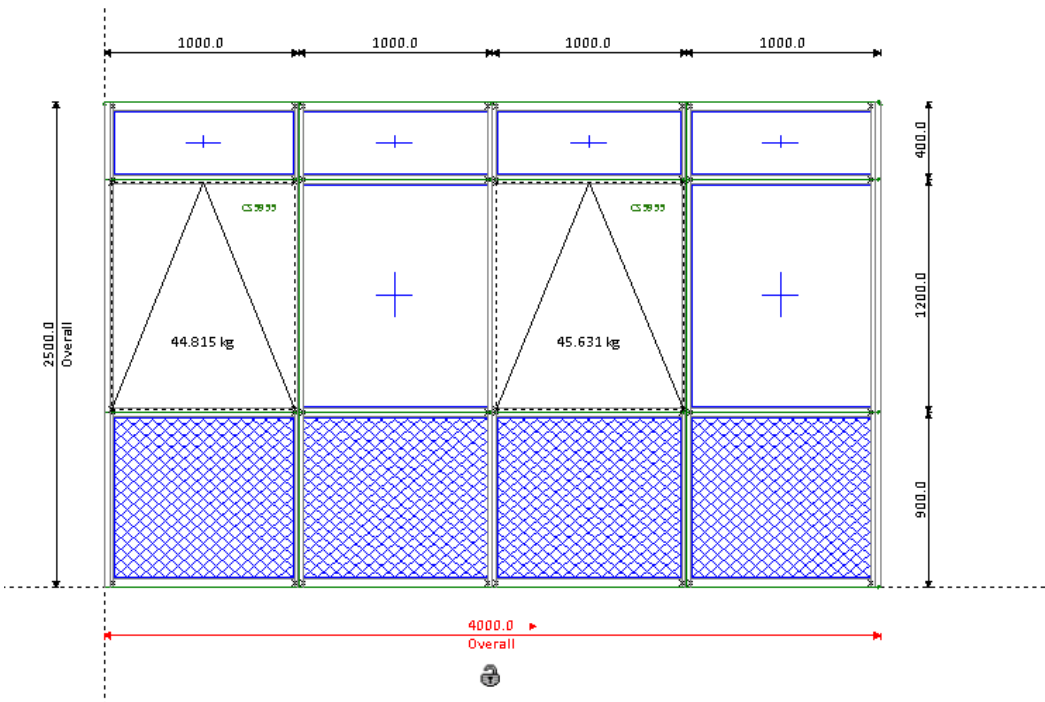
USING YOUR MOUSE DOUBLE CLICK ON THE WIDTH DIMENSION, IT WILL ALLOW YO TO TYPE INTO THE BOX (AS SHOWN BELOW)



TYPE IN 4000 AND THEN CLICK RETURN ON YOUR KEYBOARD (JUST CLICKING OUT OF THE BOX WILL NOT CHANGE THE DIMENSION, YOU HAVE TO PRESS RETURN TO CONFIRM THE NEW ONE)



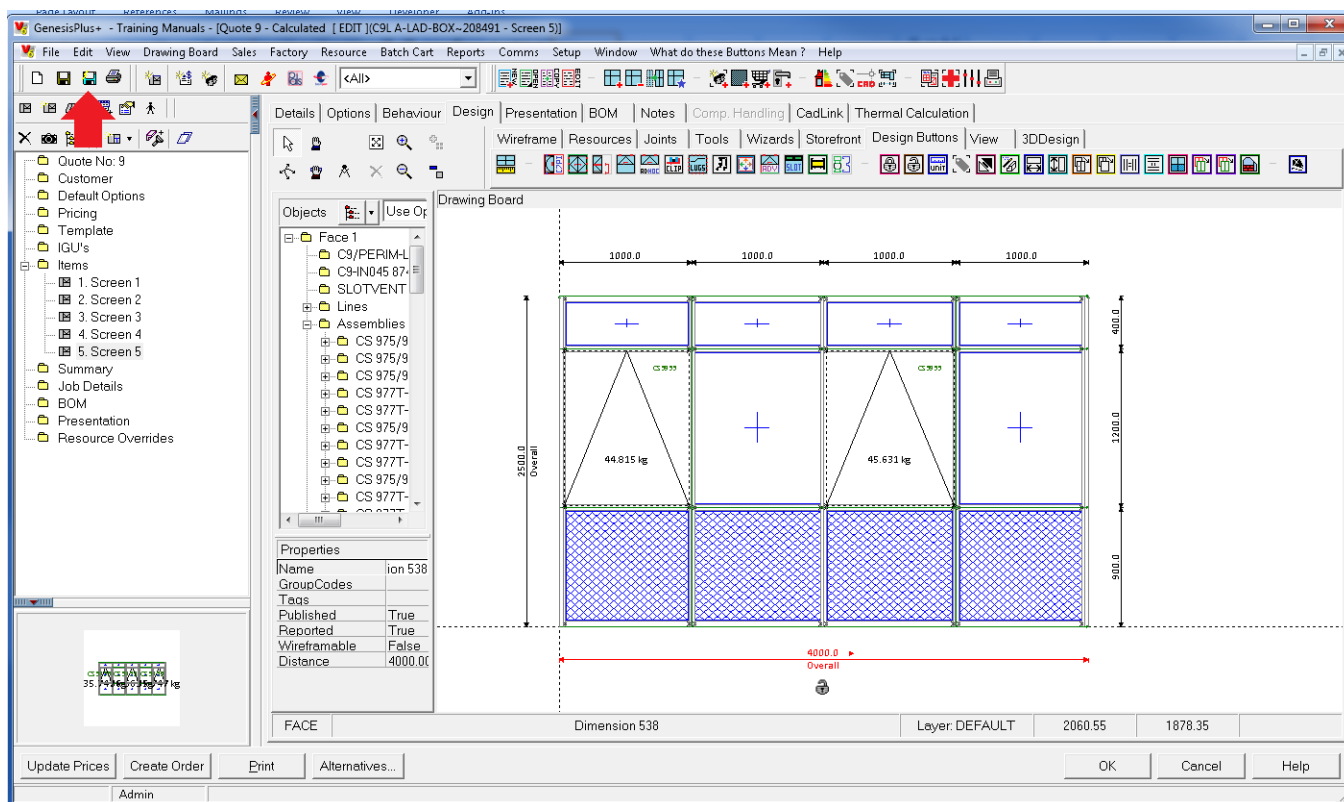
THIS WILL NOW CHANGE THE OVERALL WIDTH



THIS SCREEN IS NOW COMPLETE

IT IS ALWAYS A GOOD IDEA TO SAVE THE QUOTE AFTER EACH ITEM HAS BEEN ADDED OR AFTER ADDING A FEW ITEMS, THIS WILL MEAN THAT IF YOUR COMPUTER HAS A PROBLEM OR SHUTS DOWN THEN IT WILL SAVE THE QUOTE AT THE POINT THAT YOU SAVE IT.

CLICK ONTO THIS BUTTON (QUICK SAVE) TO SAVE IT



UNLIKE A LOT OF OTHER PROGRAMS YOU DO NOT HAVE TO CLICK ONTO THE OK BUTTON AT THE BOTTOM TO SAVE IT OR COMPLETE THE CHANGES. THIS OK BUTTON WILL BEING YOU OUT OF THE QUOTE AND SHUT IT DOWN.

IF YOU DO CLICK THIS BUTTON THEN CLICK BACK ONTO THE OPEN QUOTE BUTTON TO OPEN IT BACK UP



EDIT A QUOTE. THIS WILL OPEN A QUOTE THAT YOU HAVE ALREADY STARTED AND SHUT DOWN



Page No: 6

ELEVATION PORTRAIT

Date/Time: 29/01/2018 17:06:07

Quote Title: School - Training Manual

Quote No: SH-3- -Ver 3

Cust Name:

Job Ref:

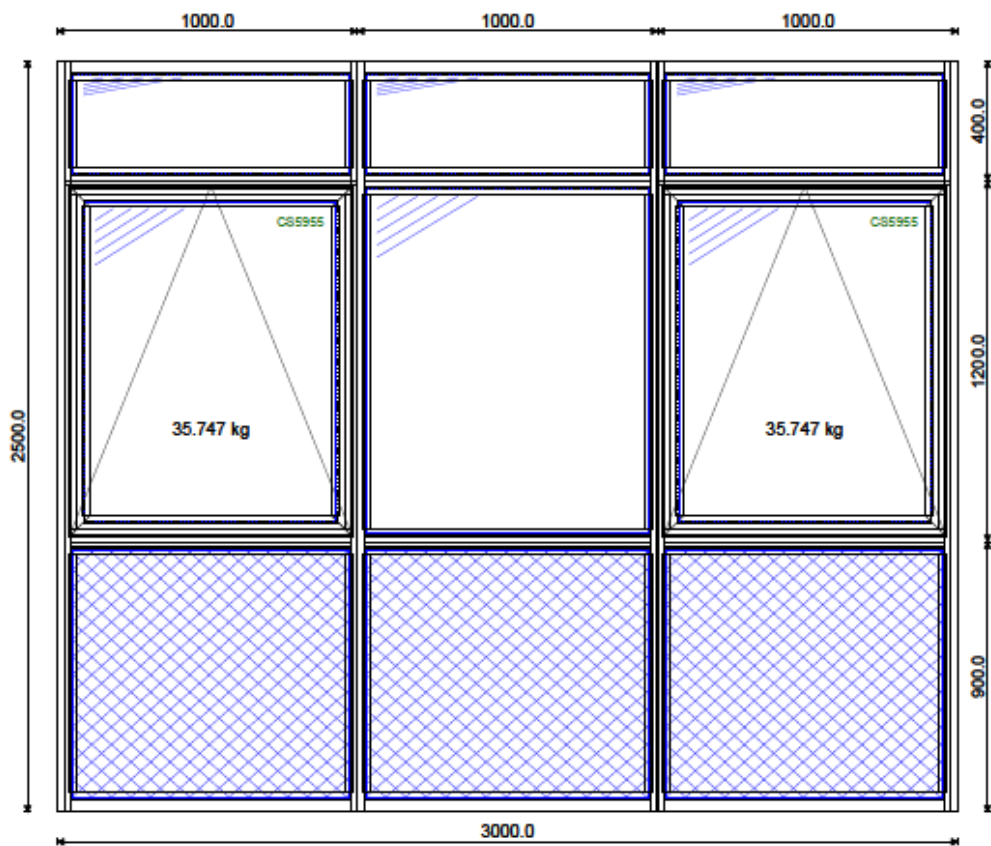
Finish:

Deliv Date:

Other:



Do Not Scale



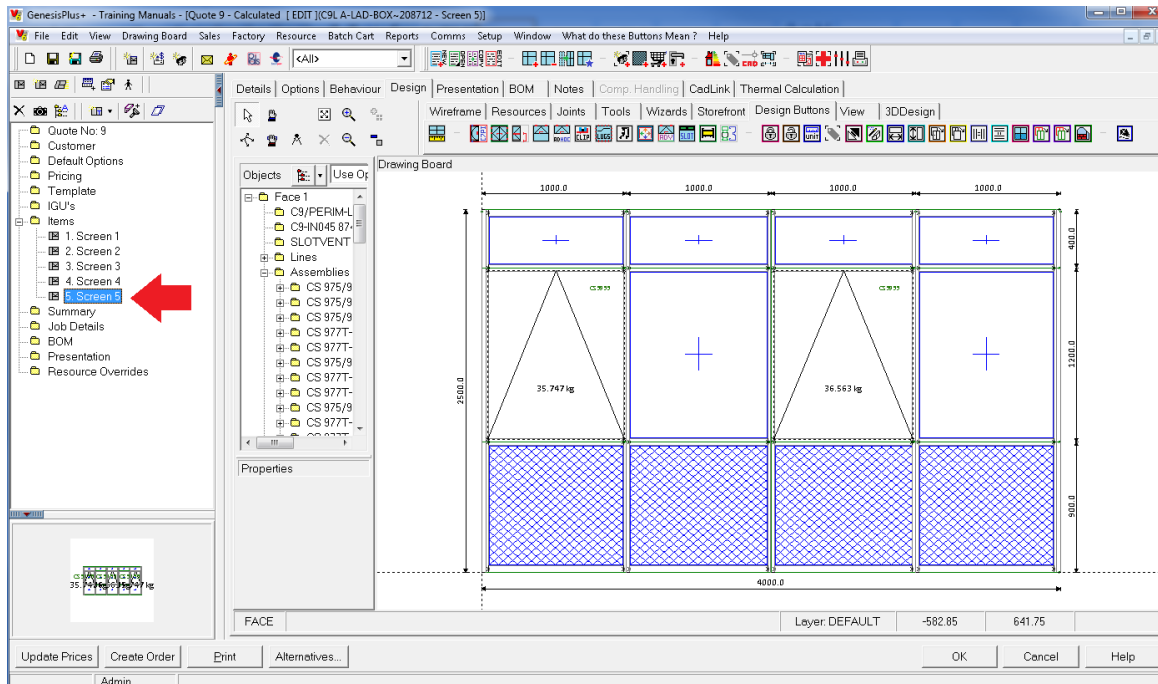
Item Description: Comar 9PI (100mm) - Loose Beaded L/Frame Item Number: 6

Quantity: 1

COPYING AND CHANGING AN EXISTING FRAME IN THE QUOTE

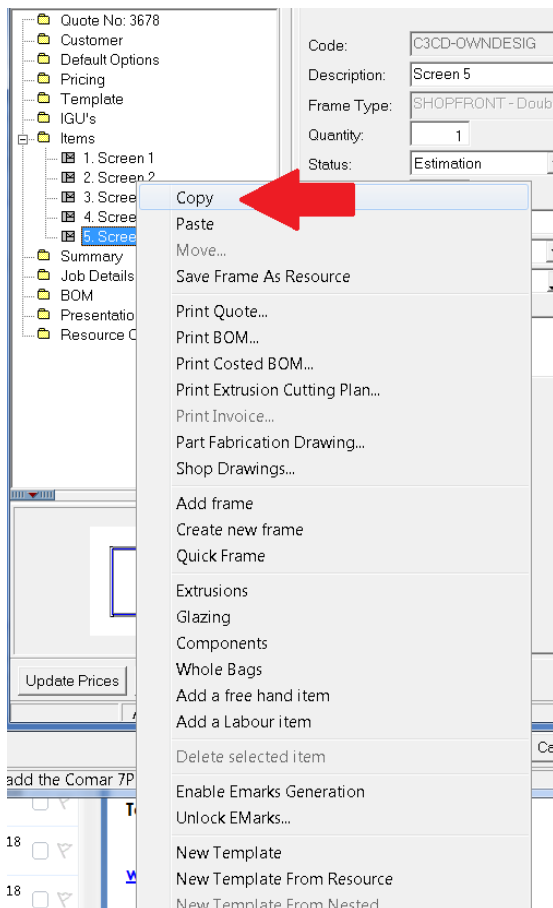
AGAIN THIS IS A SIMILAR FRAME AND TO SAVE TIME WE CAN MAKE A COPY OF A ANOTHER FRAME, THIS CAN SAVE ALOT OF TIME AS THE FRAME IS PARTLY BUILT.

HIGHLIGHT SCREEN 5 IN THE ITEMS TREE (AS SHOWN BELOW)

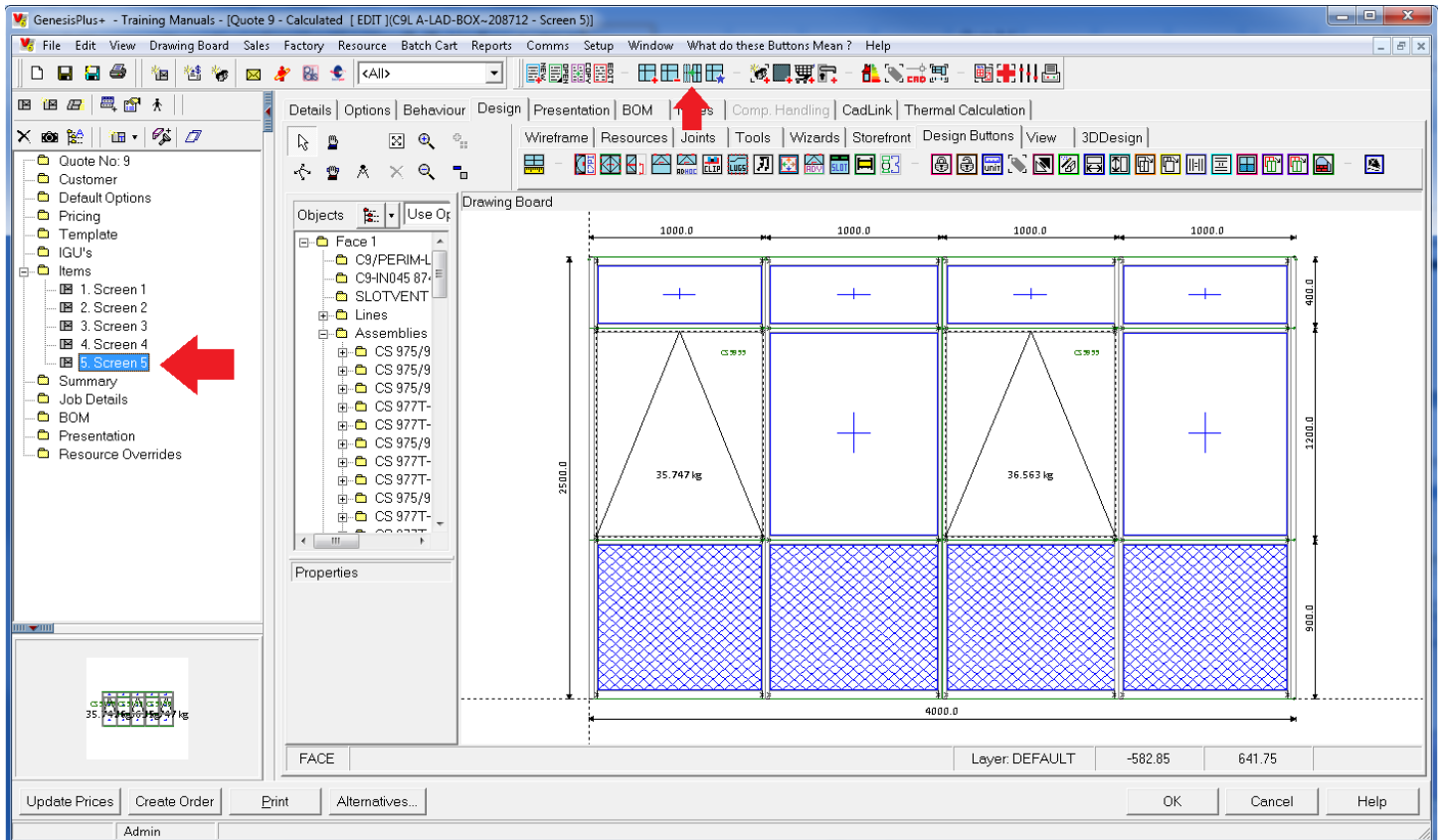


THERE ARE SEVERAL WAYS TO COPY A FRAME, YOU CAN RIGHTCLICK ON THE FRAME AND USE COPY.

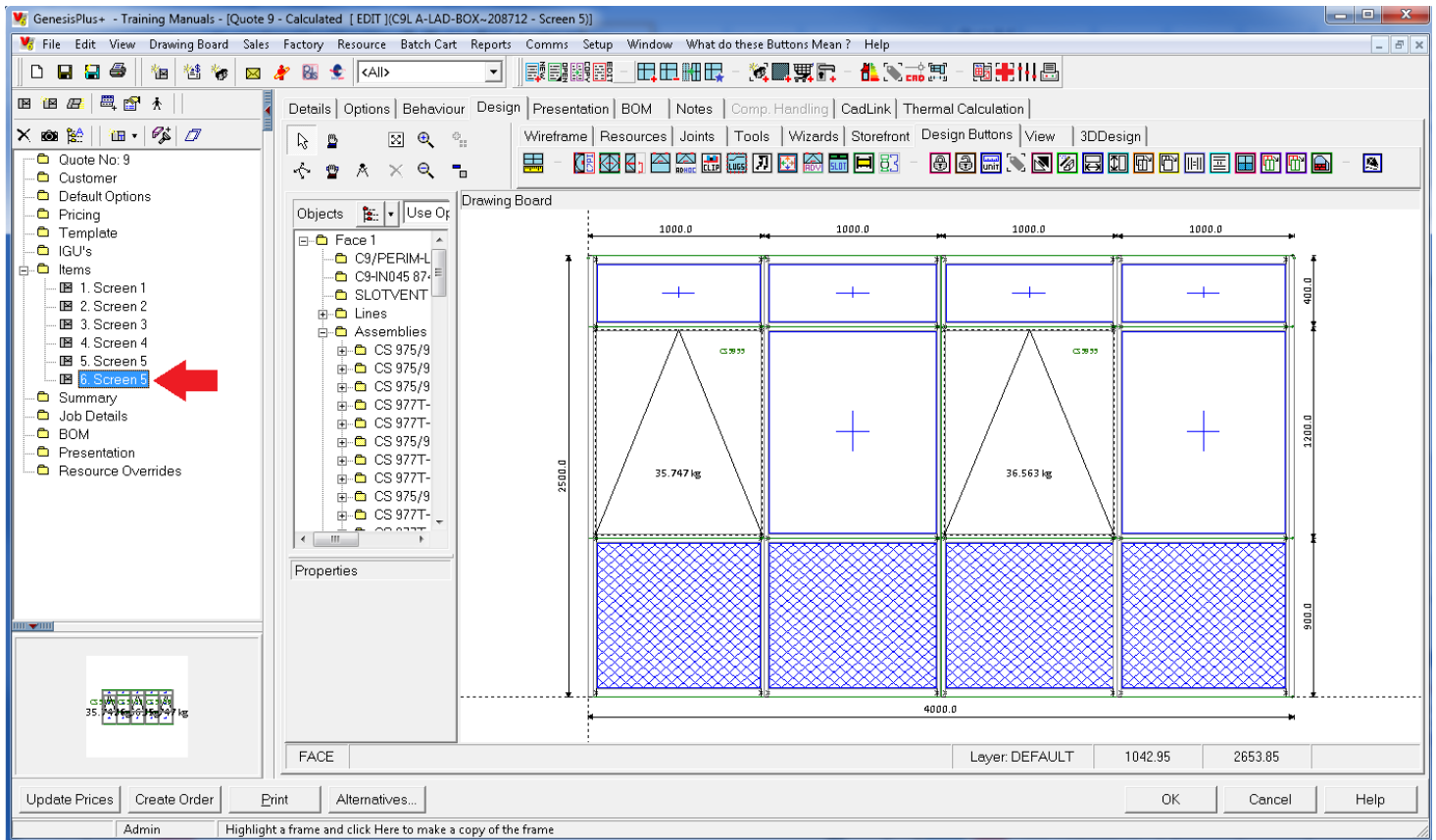
YOU CAN THEN RIGHTCLICK AND CLICK TO PASTE THE FRAME.



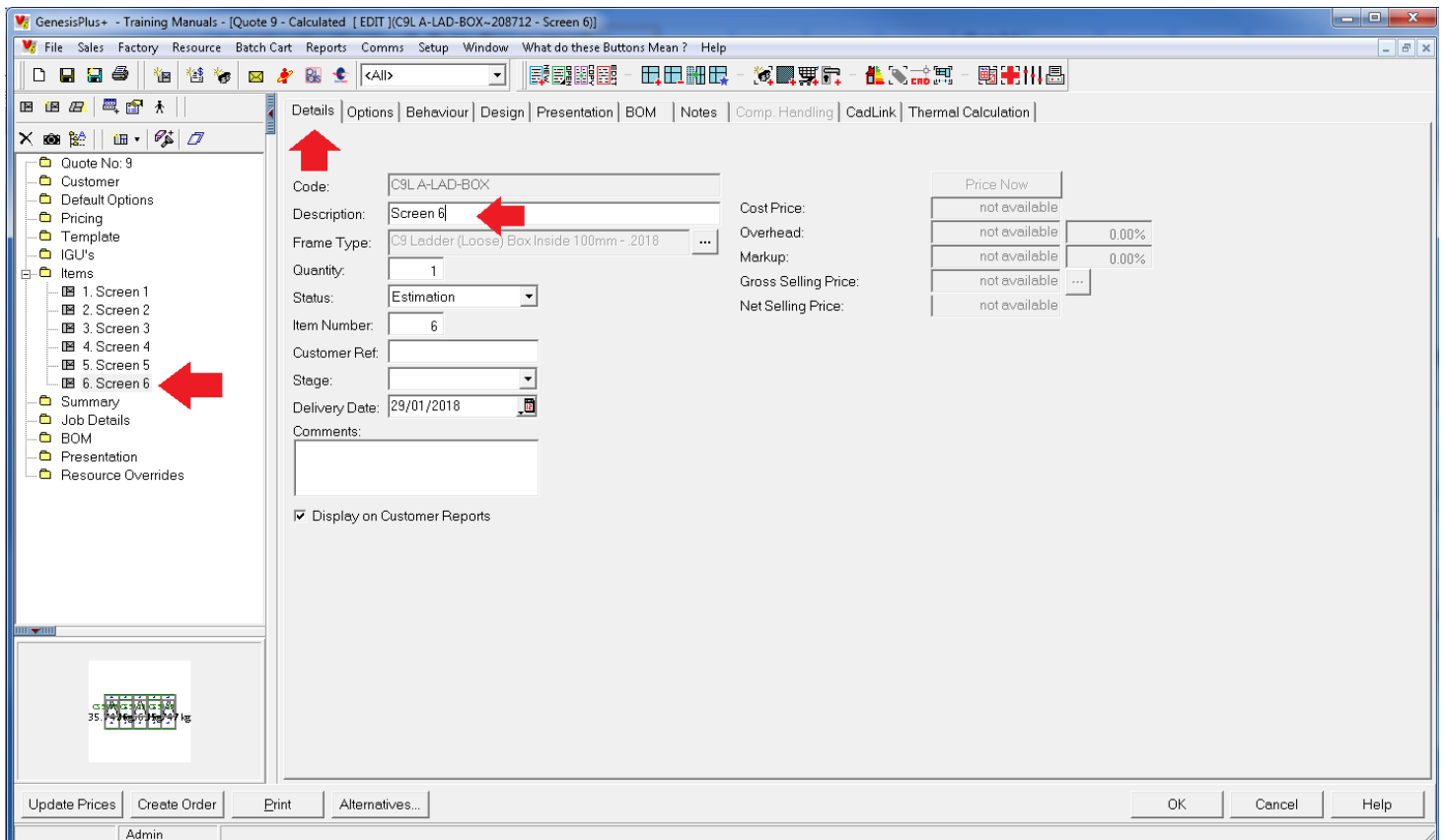
ANOTHER WAY IS TO HIGHLIGHT THE FRAME AND THEN CLICK THE COPY FRAME BUTTON AT THE TOP.



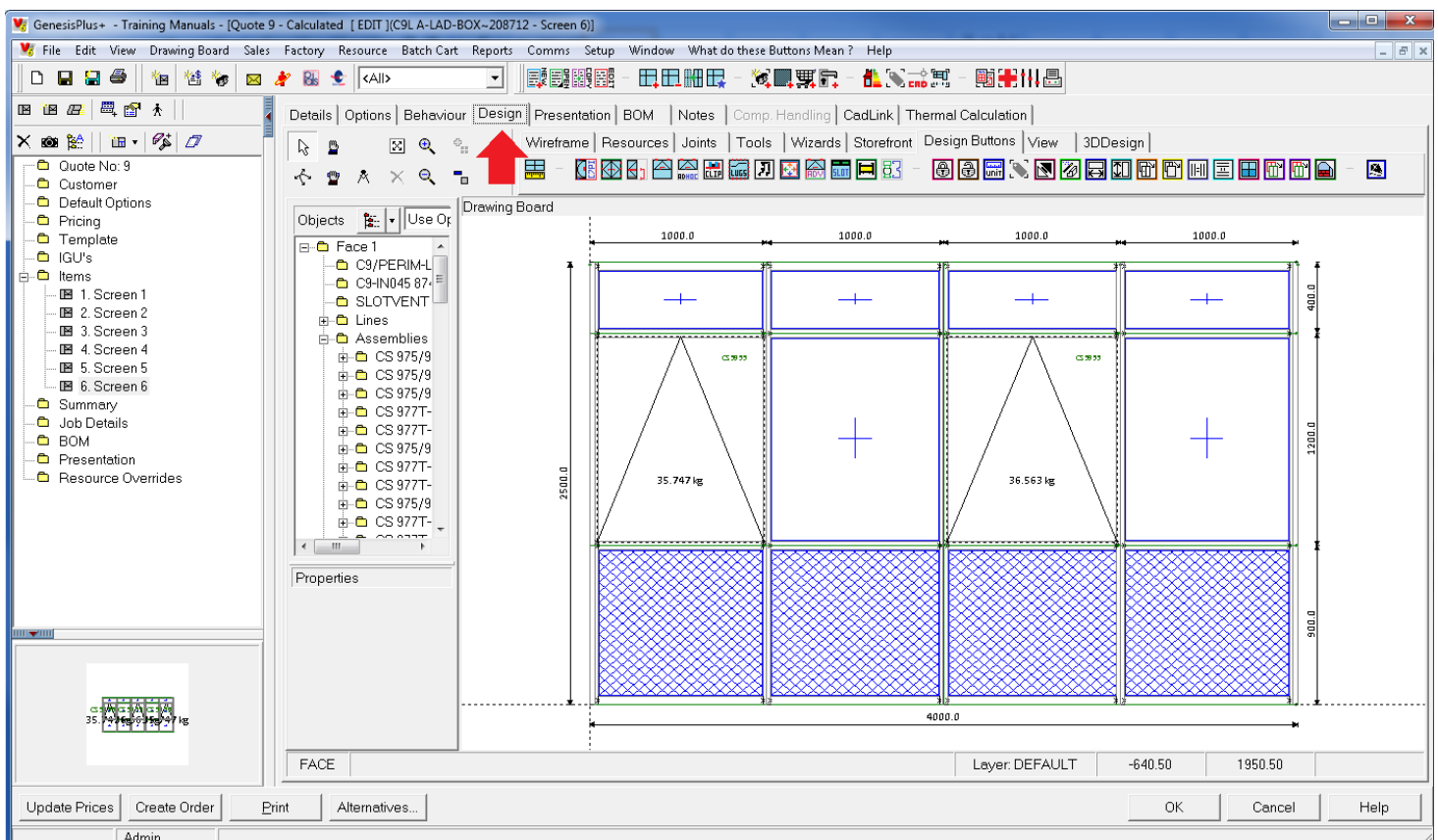
THIS HAS CREATED A NEW FRAME IN THE ITEMS FIELD.



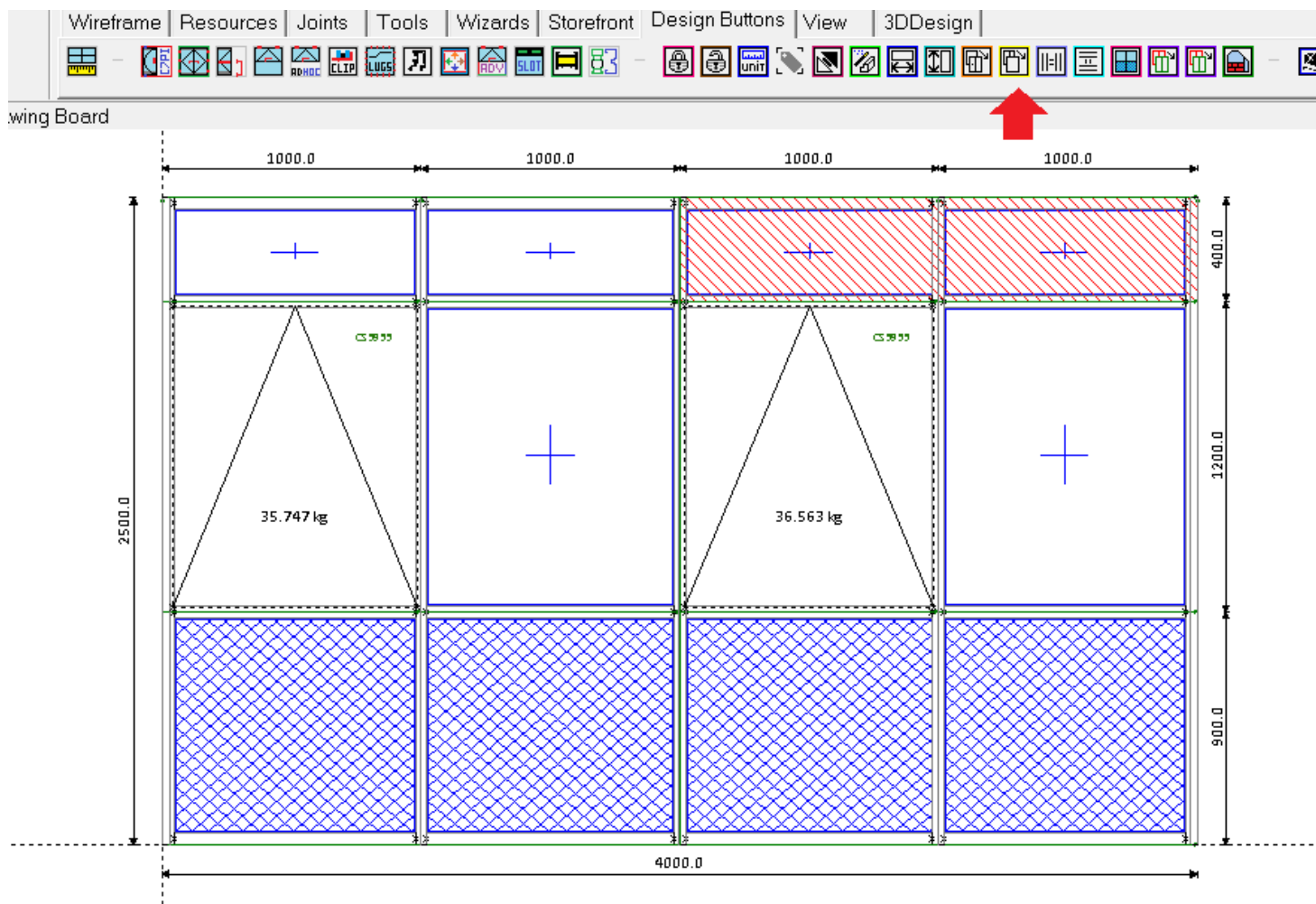
WE CAN RENAME THE COPIED FRAME BY HIGHLIGHTING THE FRAME, THEN GO TO DETAILS ALONG THE TOP AND THEN RENAME THE DESCRIPTION TO BE SCREEN 6.



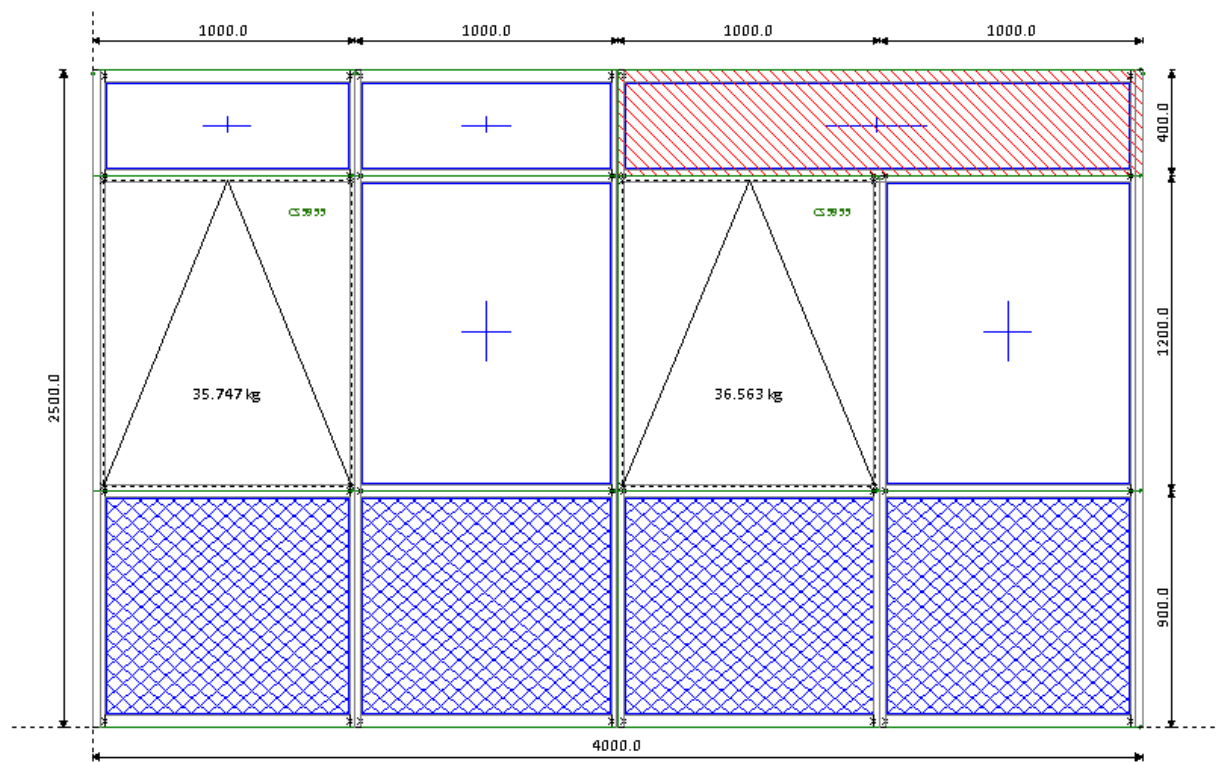
AFTER THAT GO INTO THE DESIGN SCREEN.



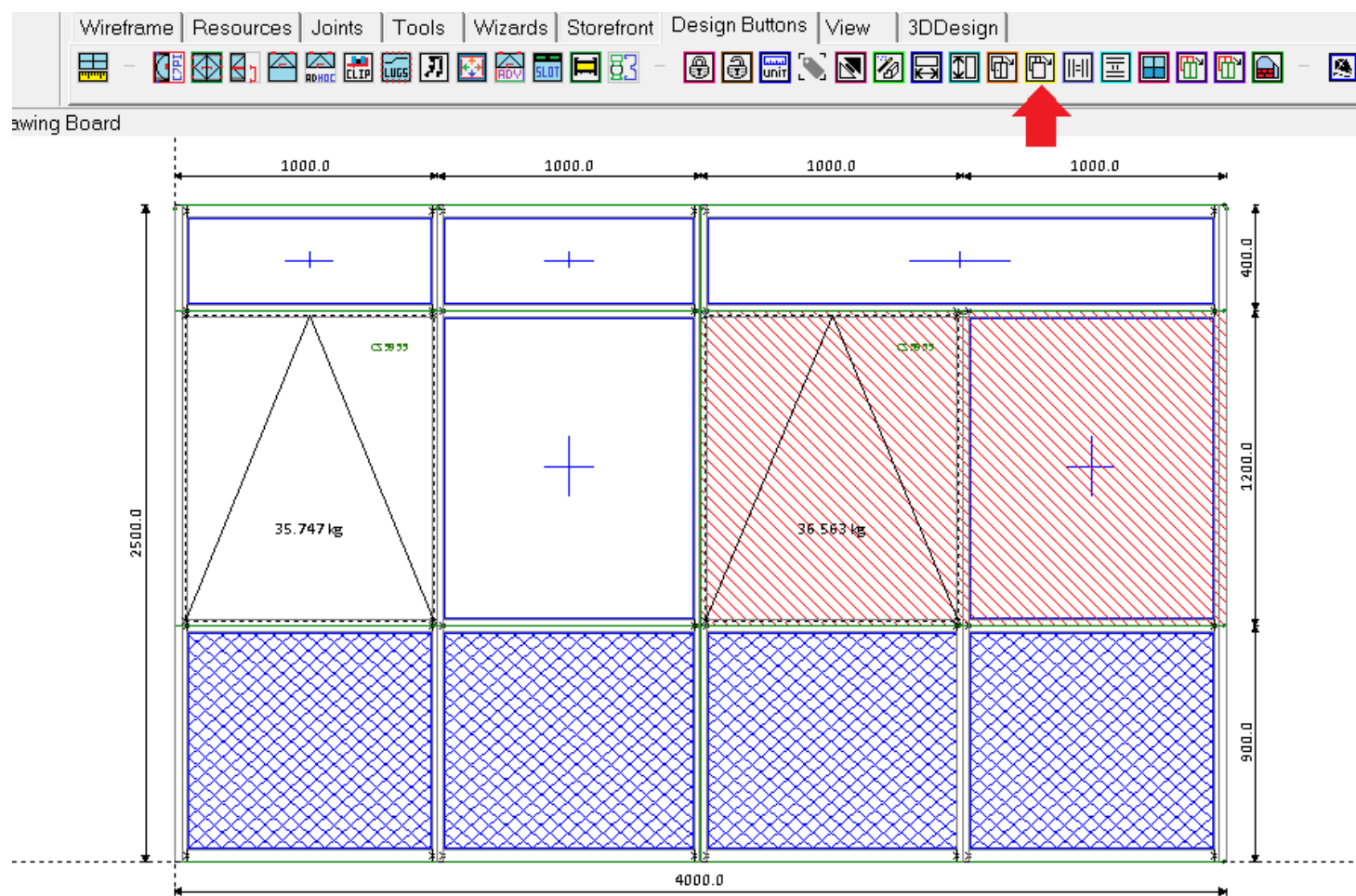
USING YOUR MOUSE AND SHIFT KEY HIGHLIGHT THE TWO LIGHTS TOGETHER AS SHOWN AND THEN CLICK ONTO THE YELLOW "MERGE LIGHT" BUTTON AS SHOWN.



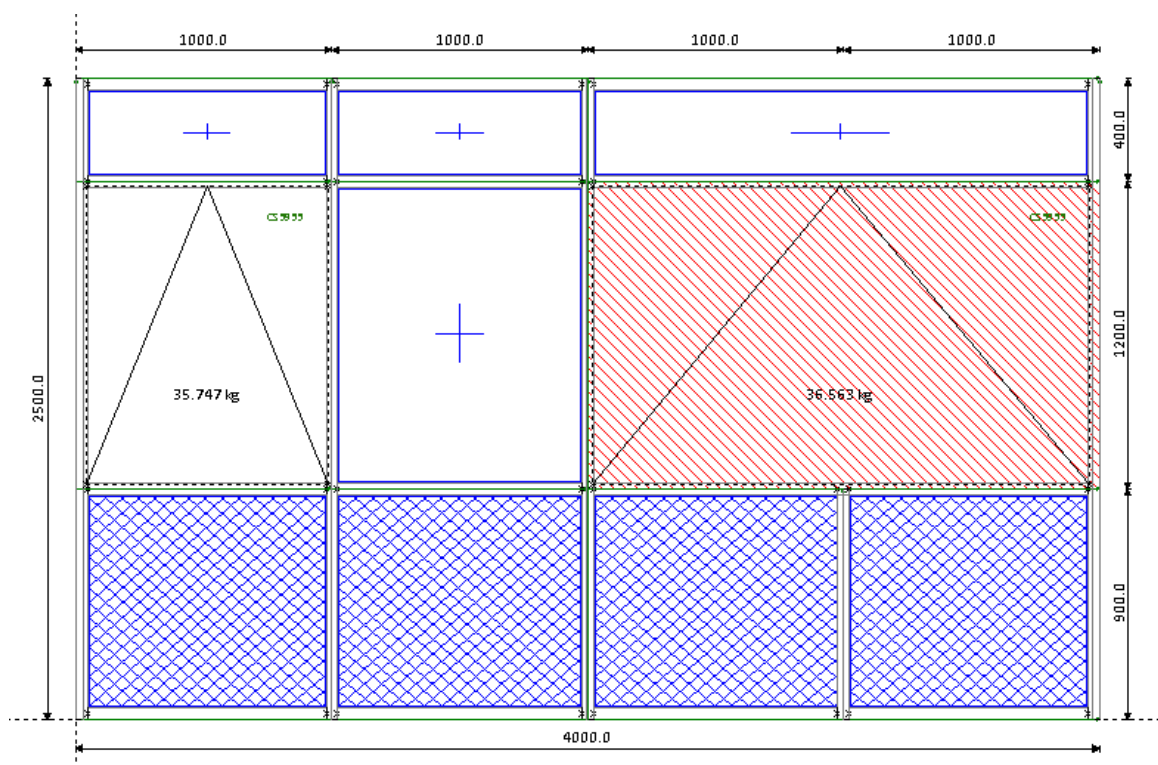
WE NOW HAVE A LARGE LIGHT ON THE TOP RIGHT.



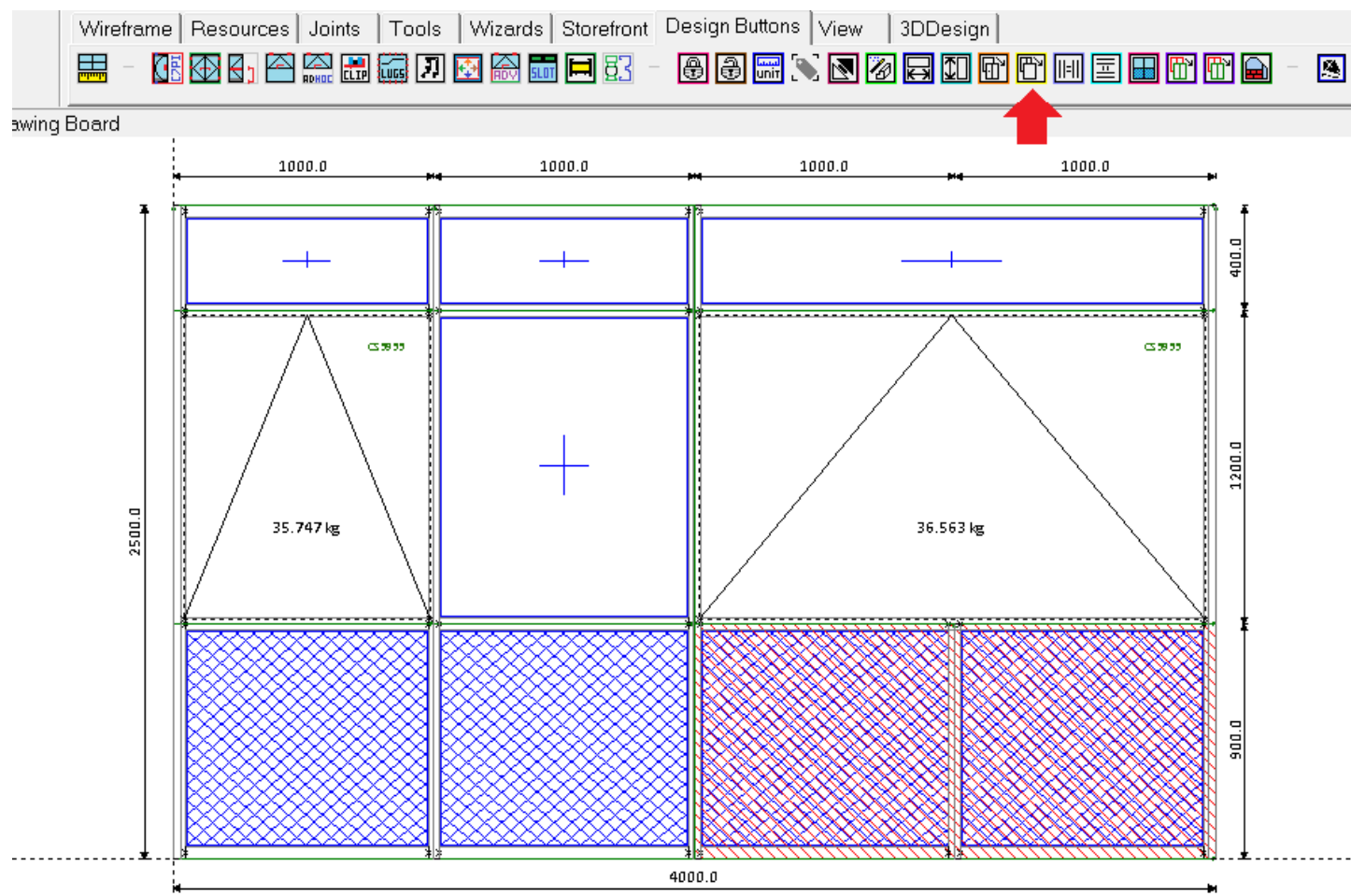
USING YOUR MOUSE AND SHIFT KEY HIGHLIGHT THE NEXT TWO LIGHTS TOGETHER AS SHOWN AND THEN CLICK ONTO THE YELLOW "MERGE LIGHT" BUTTON AS SHOWN



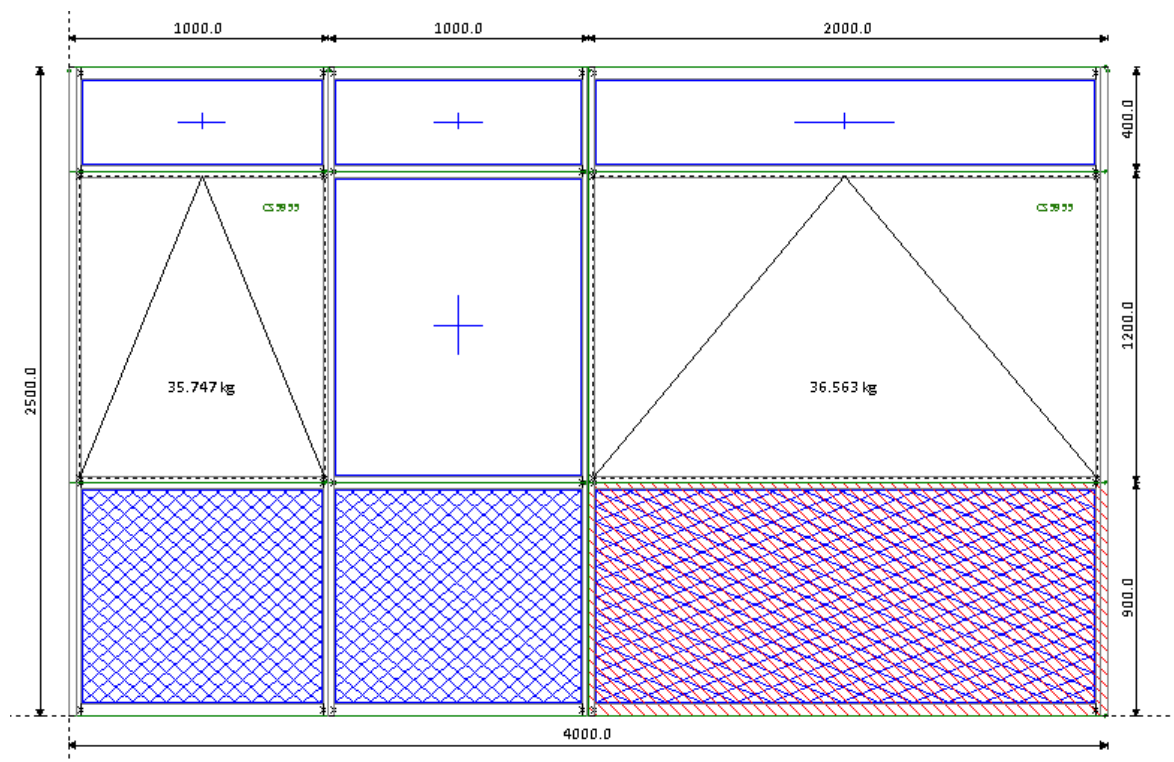
WE NOW HAVE A LARGE LIGHT IN THE MIDDLE RIGHT



USING YOUR MOUSE AND SHIFT KEY HIGHLIGHT THE NEXT TWO LIGHTS TOGETHER AS SHOWN AND THEN CLICK ONTO THE YELLOW "MERGE LIGHT" BUTTON AS SHOWN

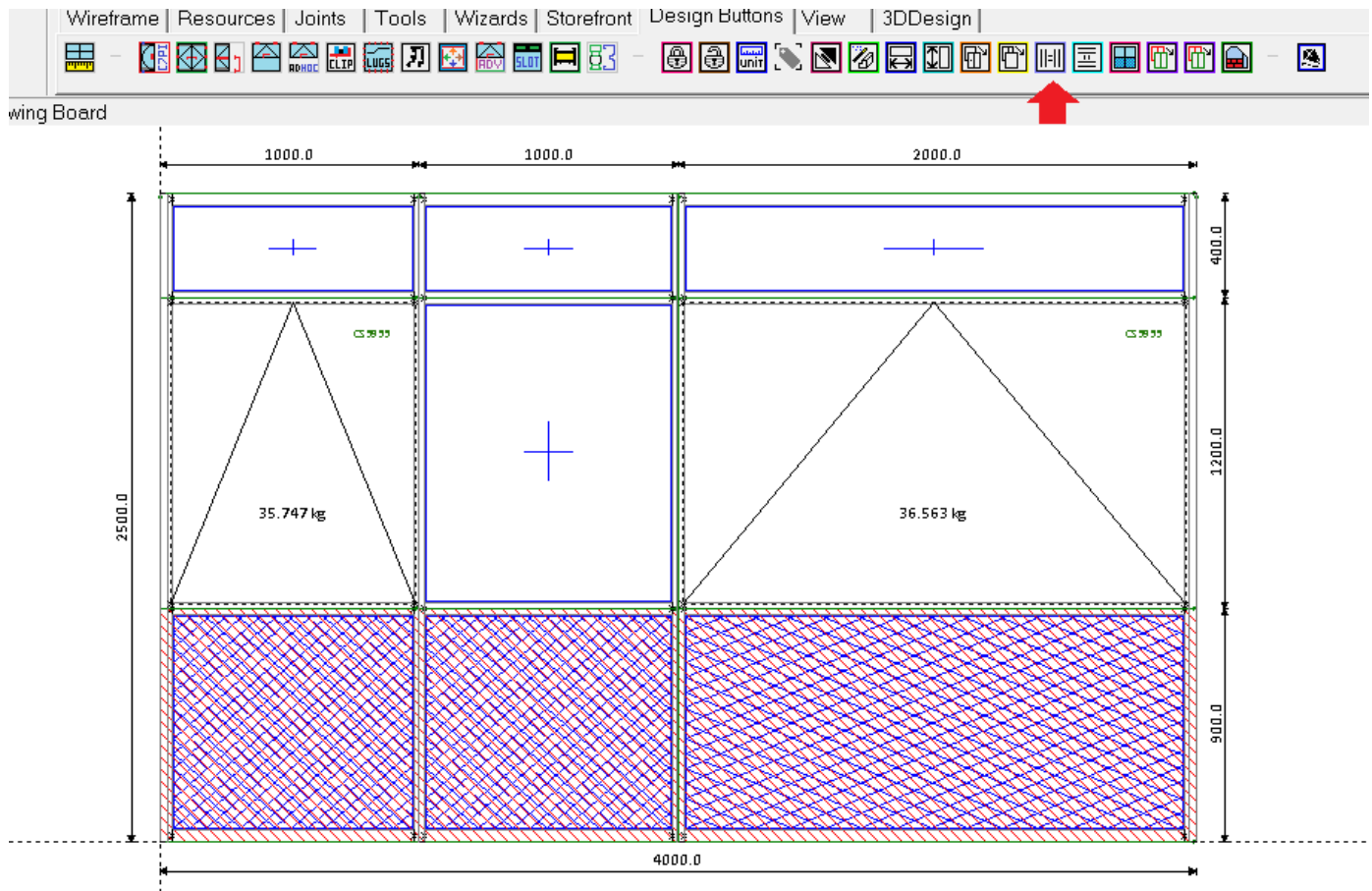


WE NOW HAVE A LARGE LIGHT IN THE MIDDLE RIGHT

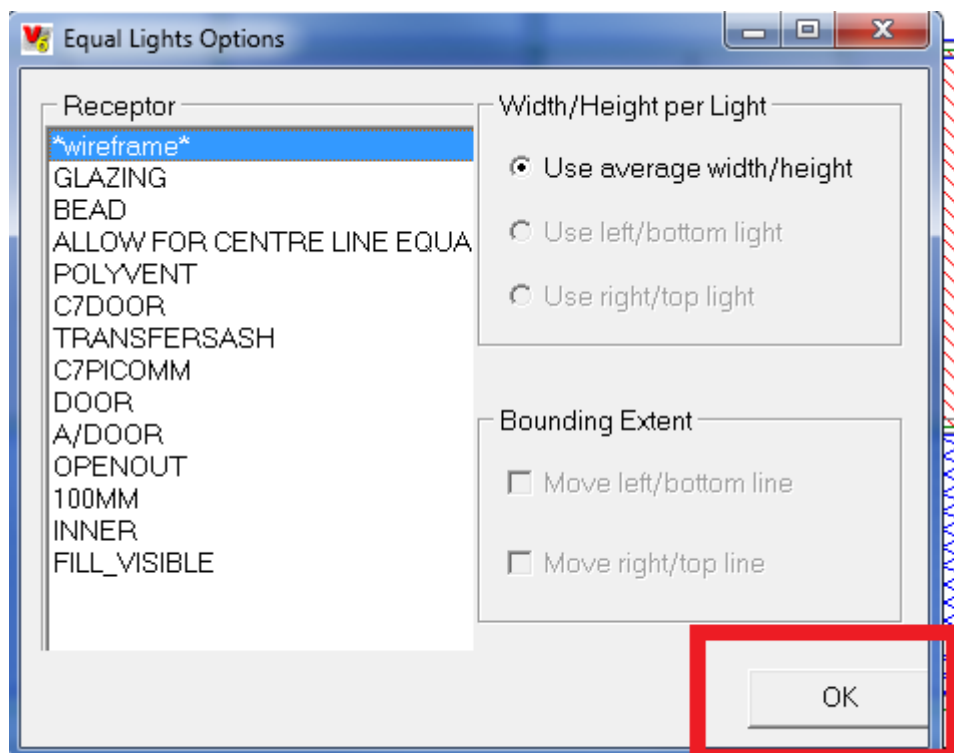


WE WILL NOW USE ANOTHER COMMAND THAT WE HAVENT USED BEFORE TO EQUAL THE WIDTHS OF THE COLUMNS
HIGHLIGHT ANY OF THE FOUR LIGHTS IN EACH OF THE THREE ROWS. I HAVE CHOSEN THE BOTTOM ROW.

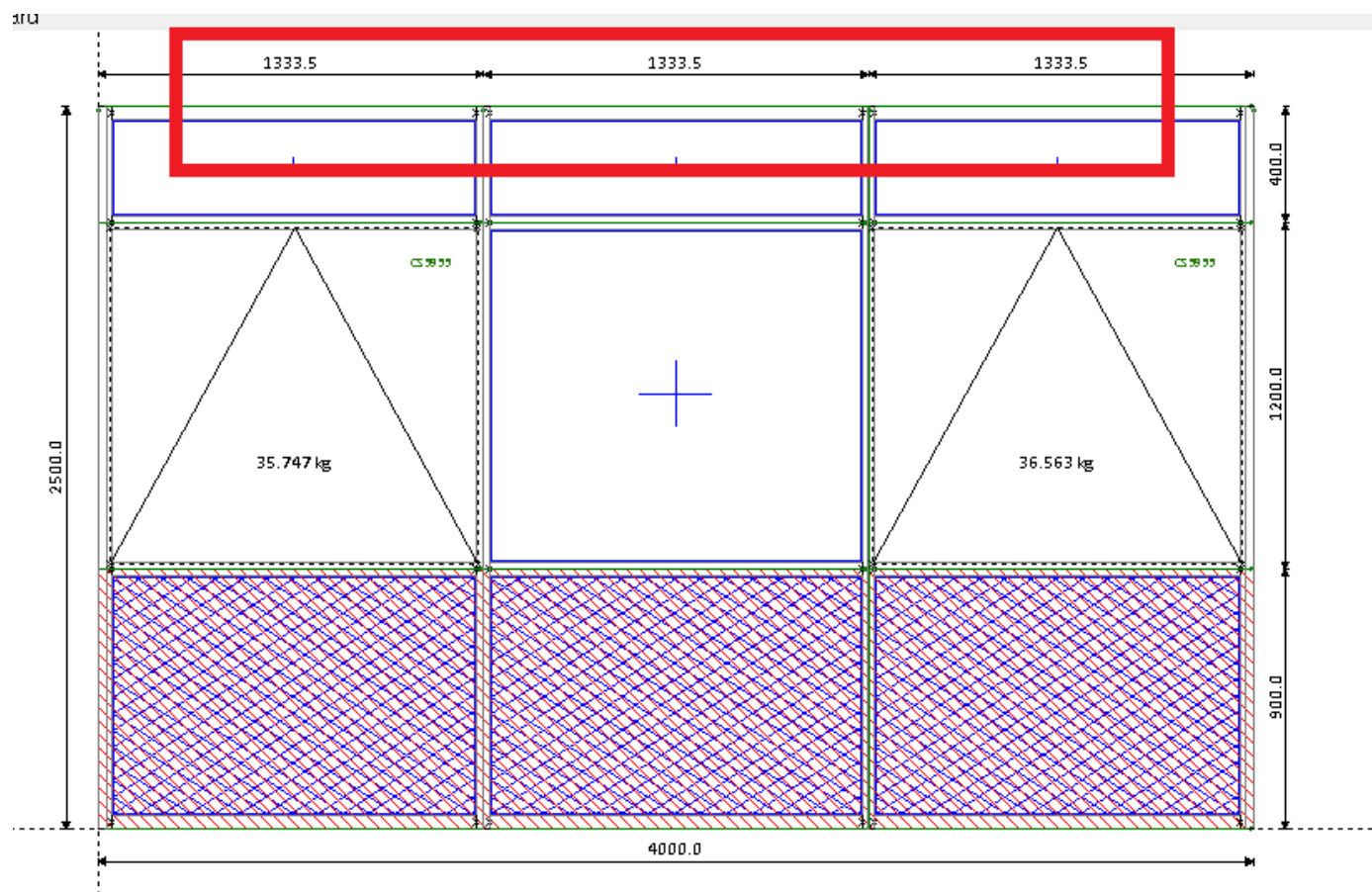
THEN CLICK ONTO EQUAL LIGHTS ON WIDTH BUTTON (AS SHOWN)



LEAVE THE RECEPTOR OPTION AS STANDARD AND THEN CLICK OK

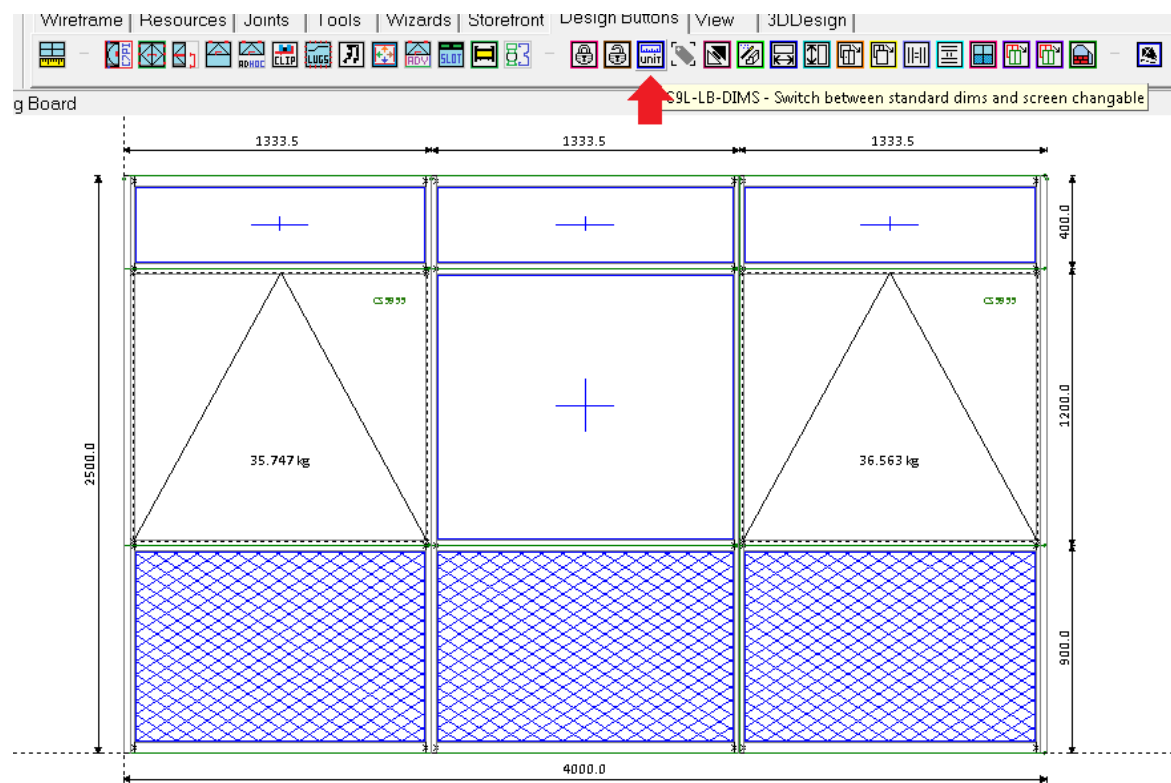


THESE THREE DIMENSIONS ARE NOW THE SAME

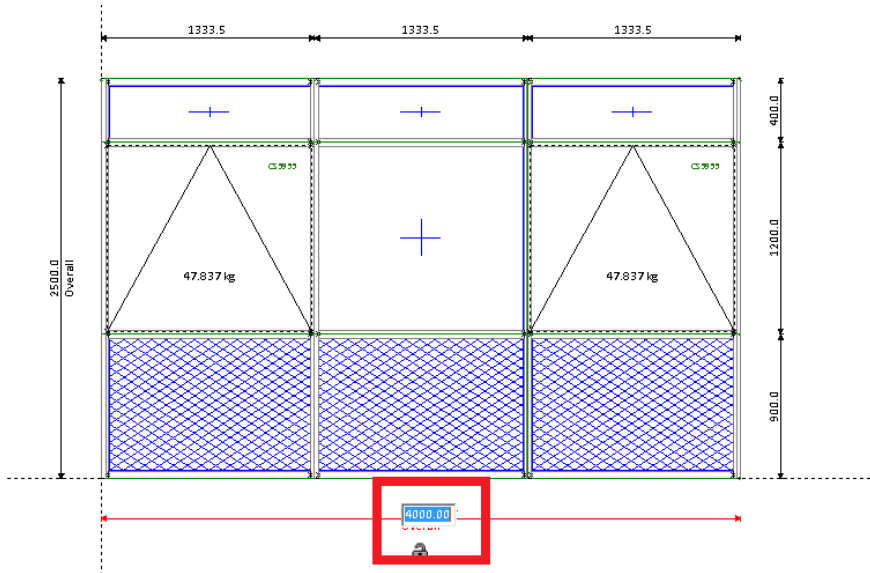


ONE LAST THING THAT WE WANT TO COVER IS CHANGING THE DIMENSIONS OF THE OVERALL FRAME, WE HAVE TAKEN A 4000MM WIDE FRAME AND WANT TO TAKE THIS DOWN TO 3000MM

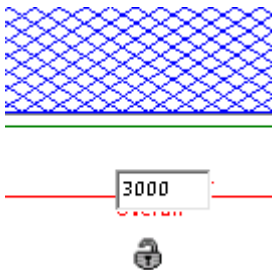
WHILST IN THE DESIGN SCREEN CLICK ONTO THE UNIT BUTTON . THIS SWITCHES THE DIMENSIONS SO THAT THEY ARE CHANGEABLE ON THE SCREEN.



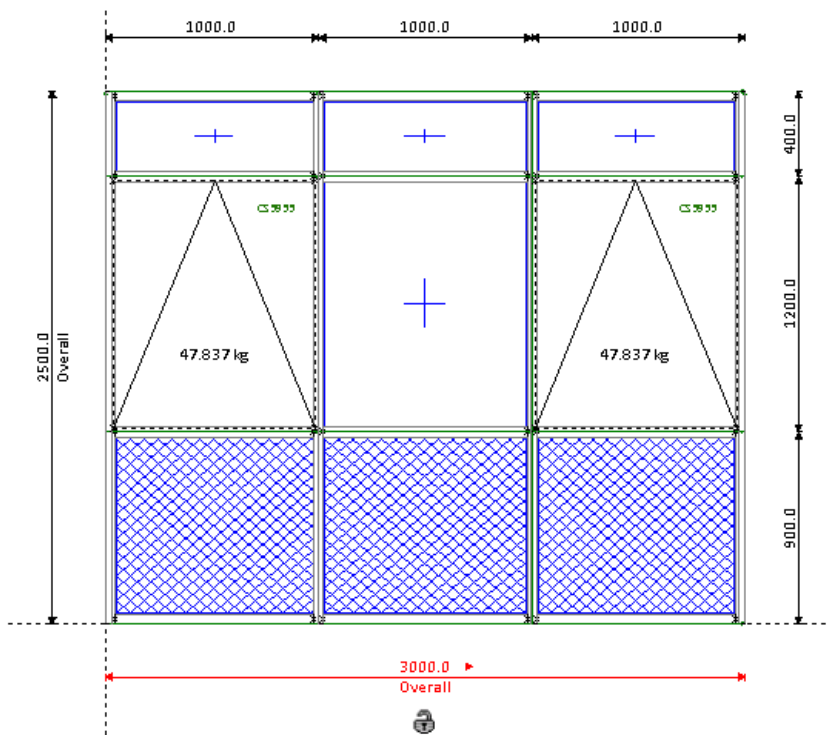
USING YOUR MOUSE DOUBLE CLICK ON THE WIDTH DIMENSION, IT WILL ALLOW YO TO TYPE INTO THE BOX (AS SHOWN BELOW)



TYPE IN 3000 AND THEN CLICK RETURN ON YOUR KEYBOARD (JUST CLICKING OUT OF THE BOX WILL NOT CHANGE THE DIMENSION, YOU HAVE TO PRESS RETURN TO CONFIRM THE NEW ONE)



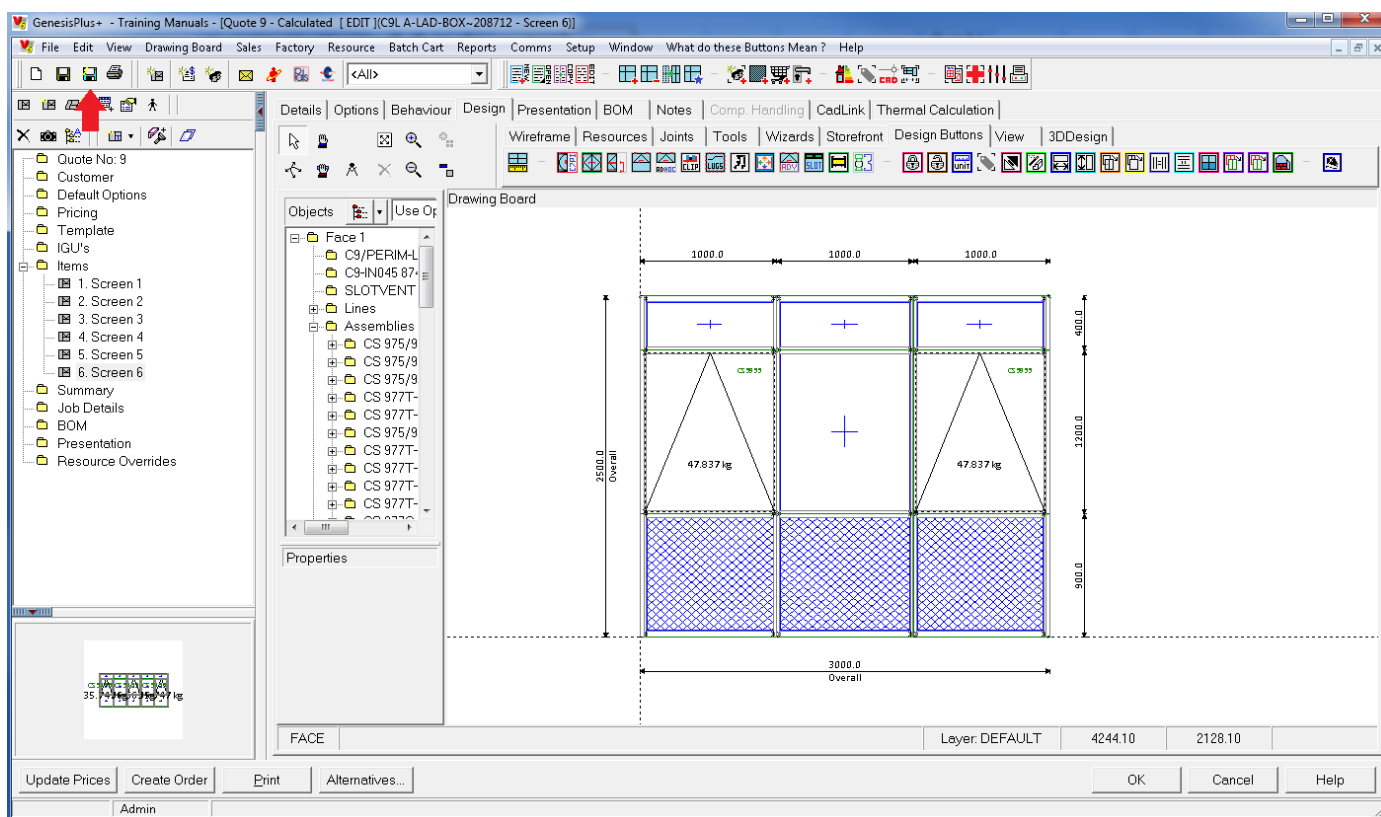
THIS WILL NOW CHANGE THE OVERALL WIDTH



THIS SCREEN IS NOW COMPLETE

IT IS ALWAYS A GOOD IDEA TO SAVE THE QUOTE AFTER EACH ITEM HAS BEEN ADDED OR AFTER ADDING A FEW ITEMS, THIS WILL MEAN THAT IF YOUR COMPUTER HAS A PROBLEM OR SHUTS DOWN THEN IT WILL SAVE THE QUOTE AT THE POINT THAT YOU SAVE IT.

CLICK ONTO THIS BUTTON (QUICK SAVE) TO SAVE IT



UNLIKE A LOT OF OTHER PROGRAMS YOU DO NOT HAVE TO CLICK ONTO THE OK BUTTON AT THE BOTTOM TO SAVE IT OR COMPLETE THE CHANGES. THIS OK BUTTON WILL BEING YOU OUT OF THE QUOTE AND SHUT IT DOWN.

IF YOU DO CLICK THIS BUTTON THEN CLICK BACK ONTO THE OPEN QUOTE BUTTON TO OPEN IT BACK UP



EDIT A QUOTE. THIS WILL OPEN A QUOTE THAT YOU HAVE ALREADY STARTED AND SHUT DOWN



Page No: 6

ELEVATION PORTRAIT

Date/Time: 29/01/2018 17:06:07

Quote Title: School - Training Manual

Quote No: SH-3- -Ver 3

Cust Name:

Job Ref:

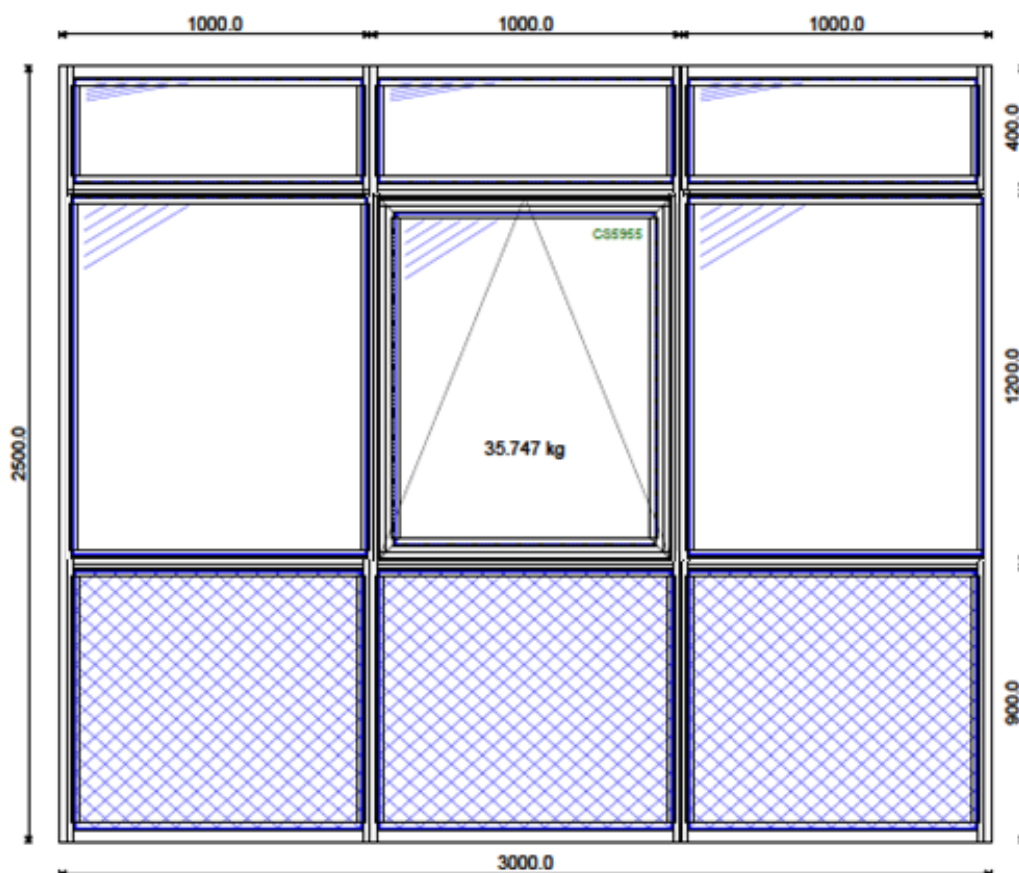
Finish:

Deliv Date:

Other:



Do Not Scale



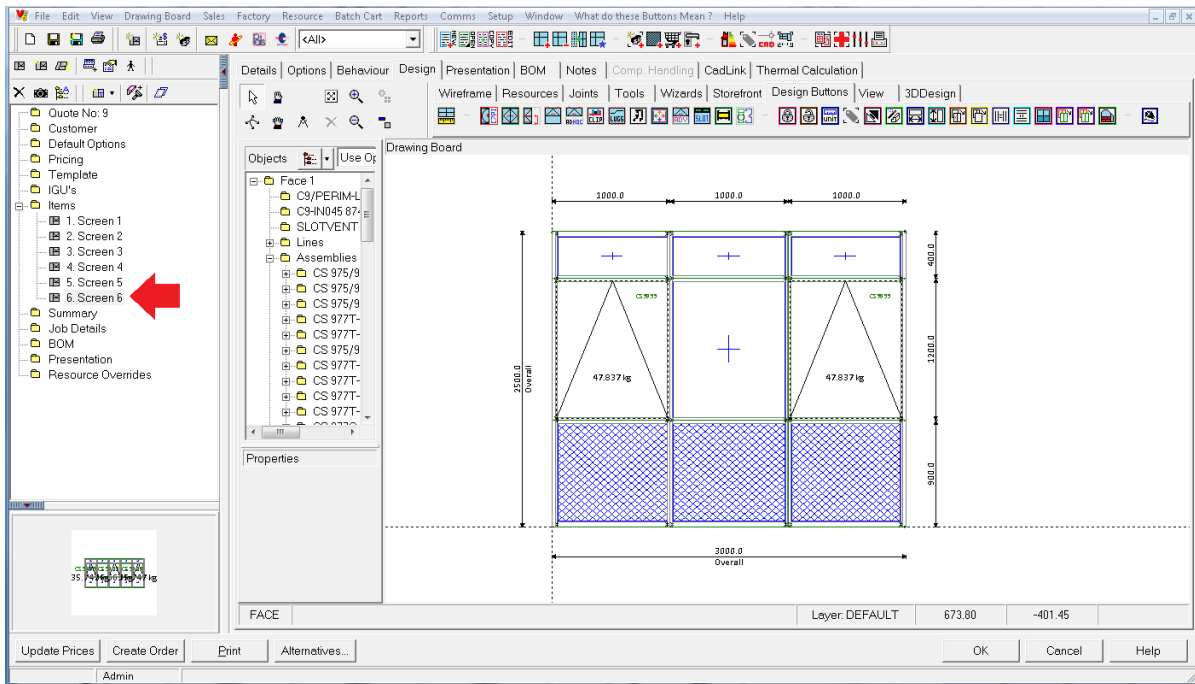
Item Description: Comar SPI (100mm) - Loose Beaded L/Frame Item Number: 6

Quantity: 1

COPYING AND CHANGING AN EXISTING FRAME IN THE QUOTE

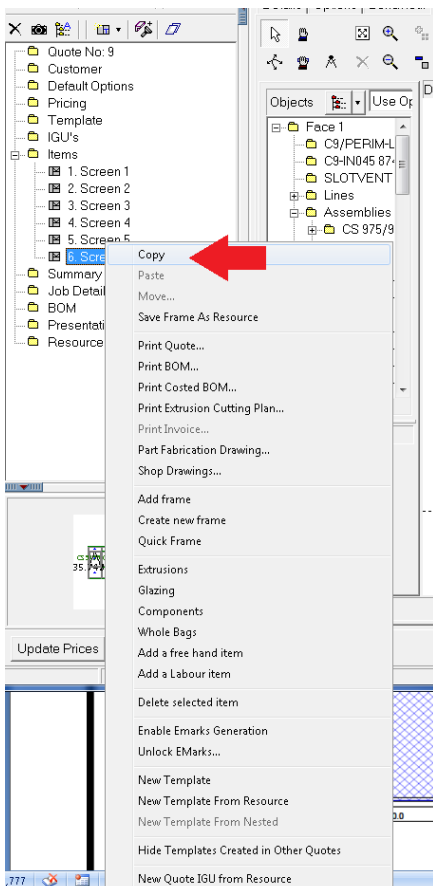
AGAIN THIS IS A SIMILAR FRAME AND TO SAVE TIME WE CAN MAKE A COPY OF A ANOTHER FRAME, THIS CAN SAVE ALOT OF TIME AS THE FRAME IS PARTLY BUILT.

HIGHLIGHT SCREEN 6 IN THE ITEMS TREE (AS SHOWN BELOW)

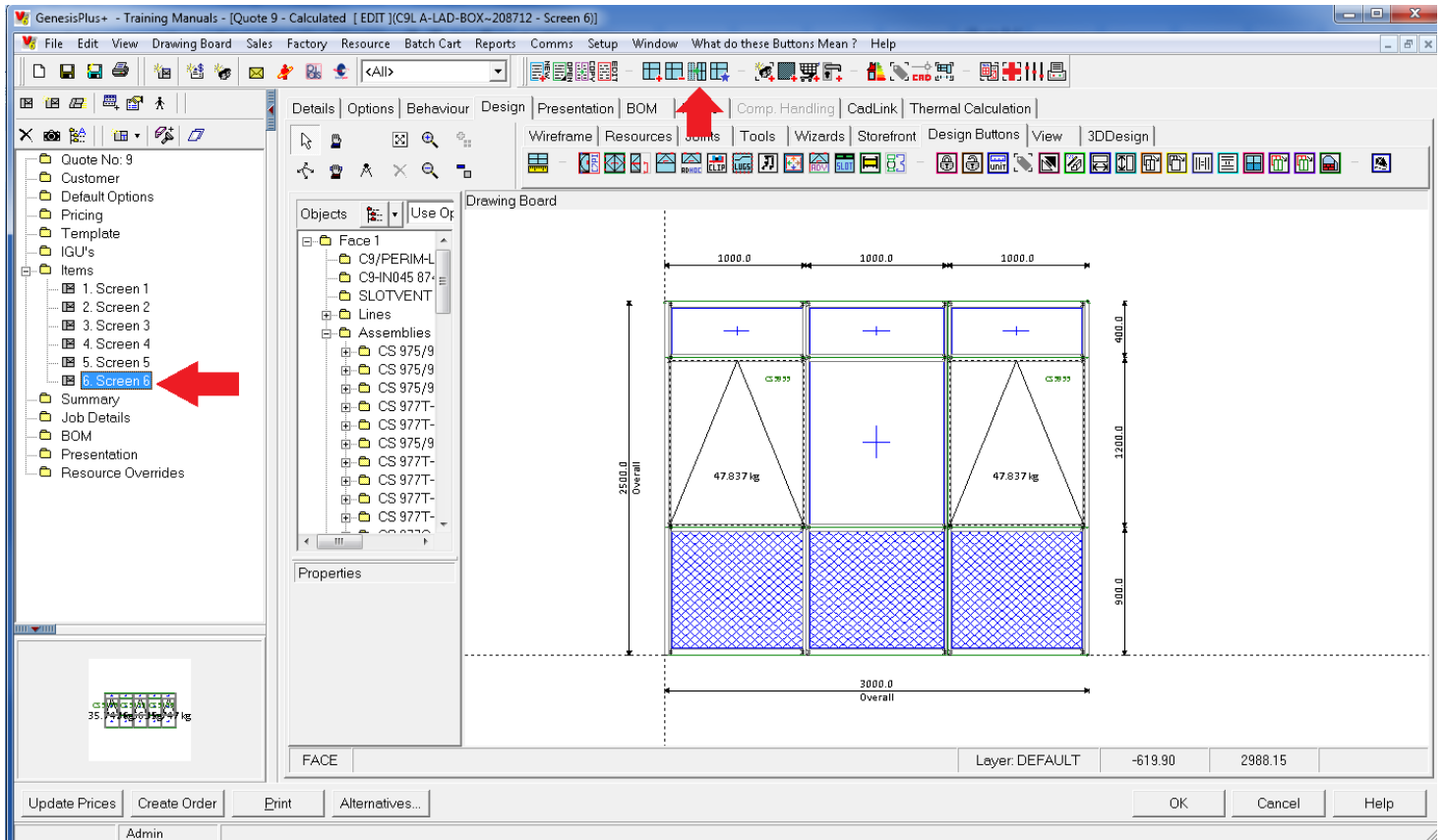


THERE ARE SEVERAL WAYS TO COPY A FRAME, YOU CAN RIGHTCLICK ON THE FRAME AND USE COPY.

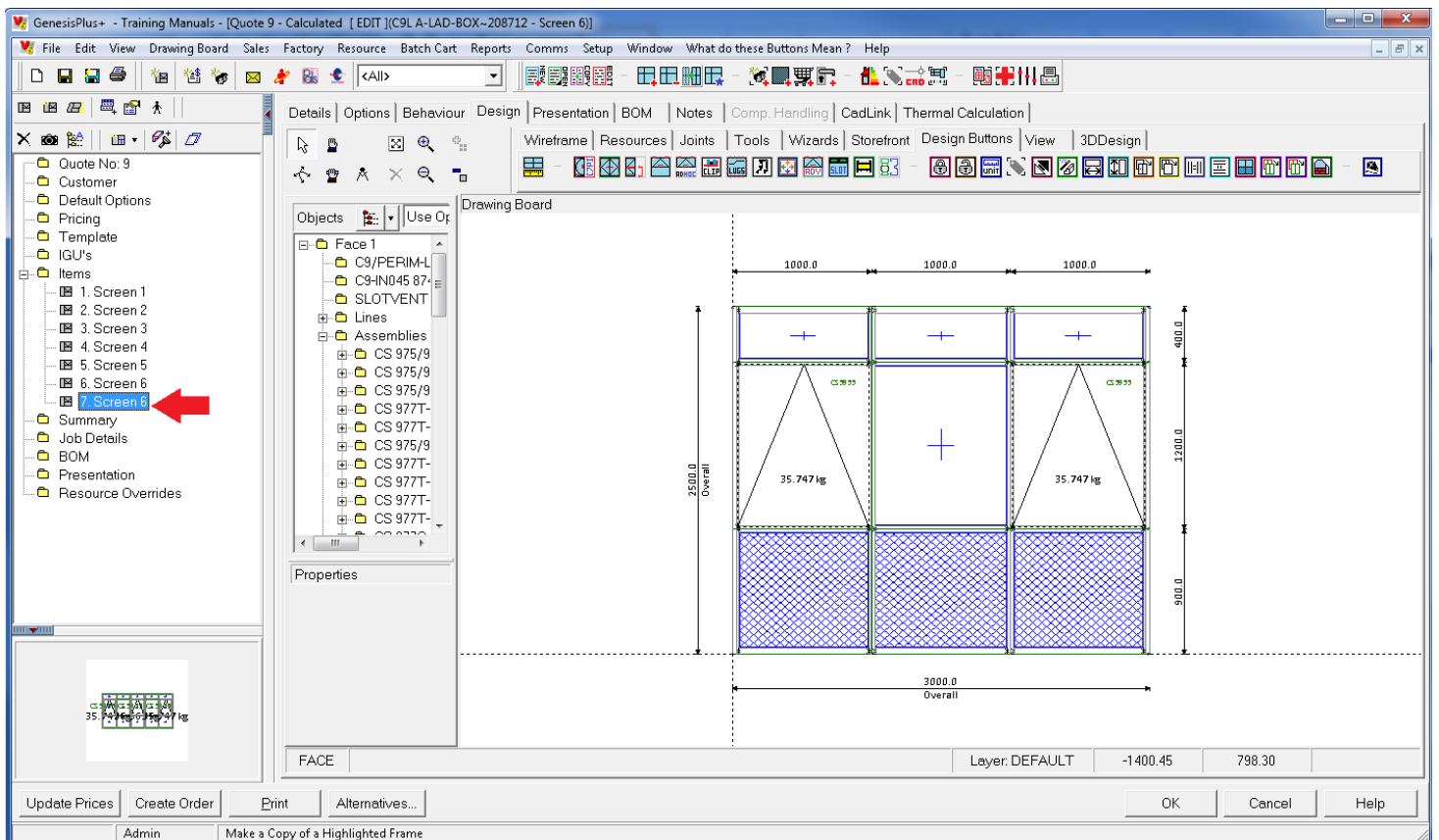
YOU CAN THEN RIGHTCLICK AND CLICK TO PASTE THE FRAME.



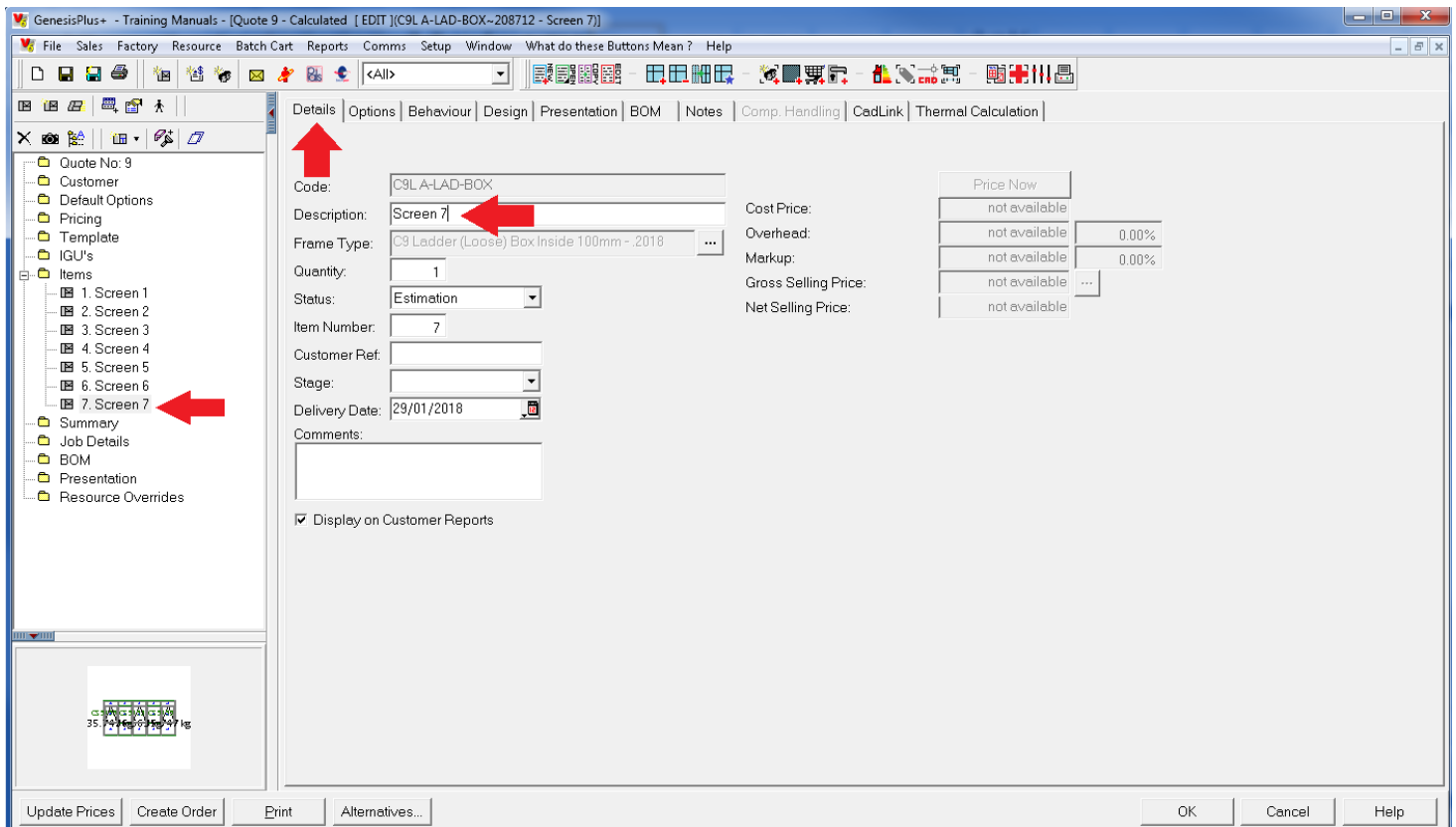
ANOTHER WAY IS TO HIGHLIGHT THE FRAME AND THEN CLICK THE COPY FRAME BUTTON AT THE TOP



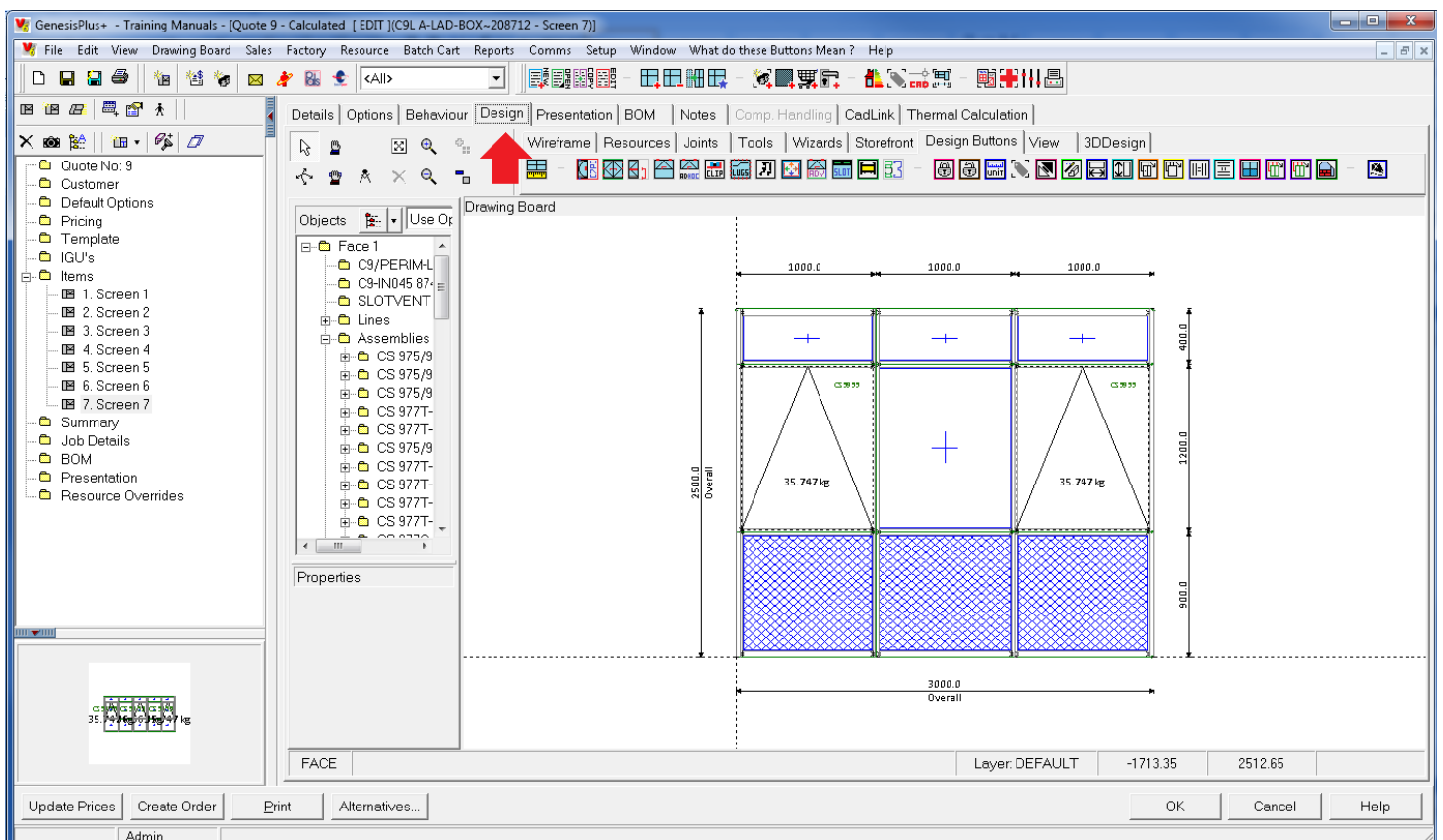
THIS HAS CREATED A NEW FRAME IN THE ITEMS FIELD.



WE CAN RENAME THE COPIED FRAME BY HIGHLIGHTING THE FRAME, THEN GO TO DETAILS ALONG THE TOP AND THEN RENAME THE DESCRIPTION TO BE SCREEN 6



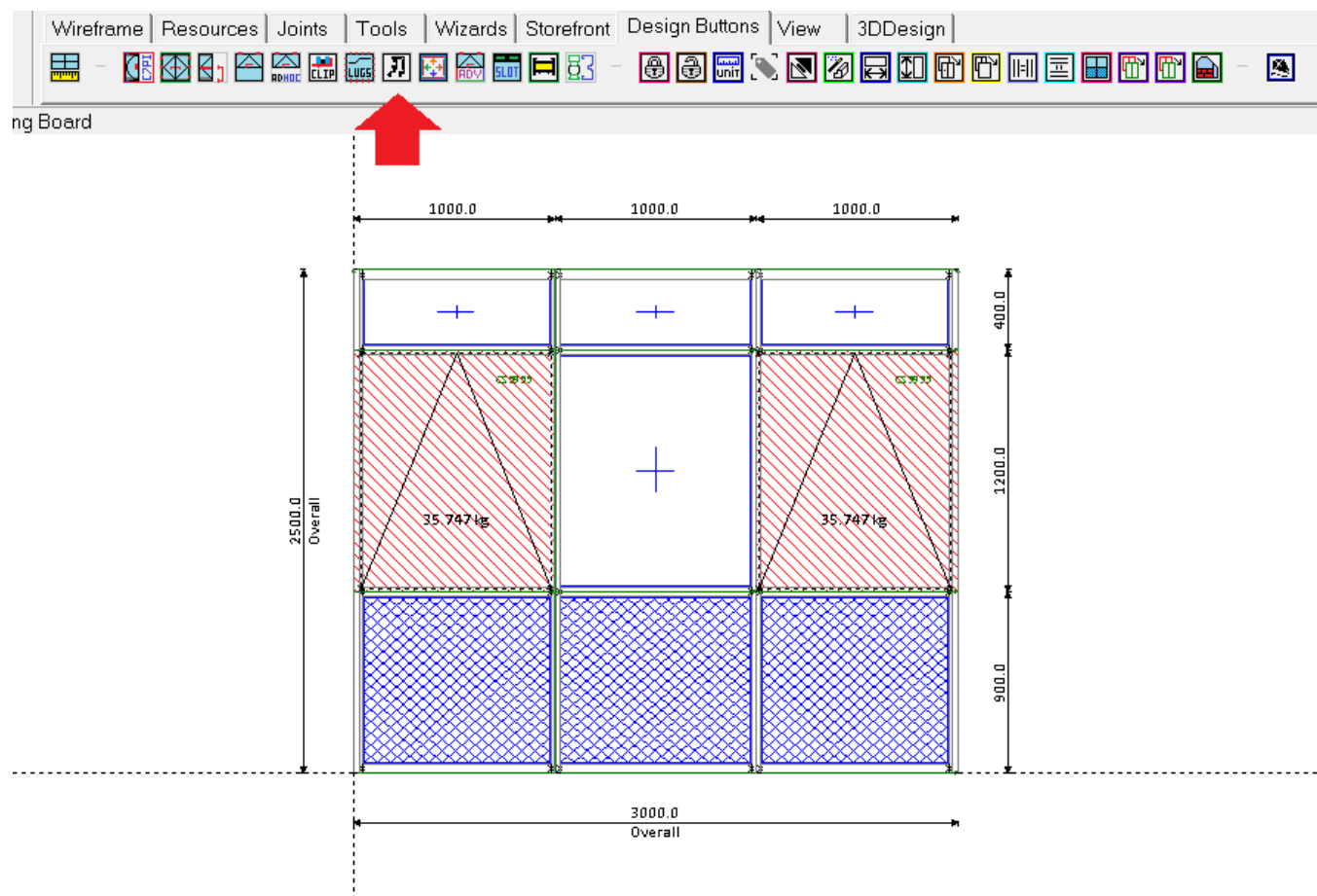
AFTER THAT GO INTO THE DESIGN SCREEN



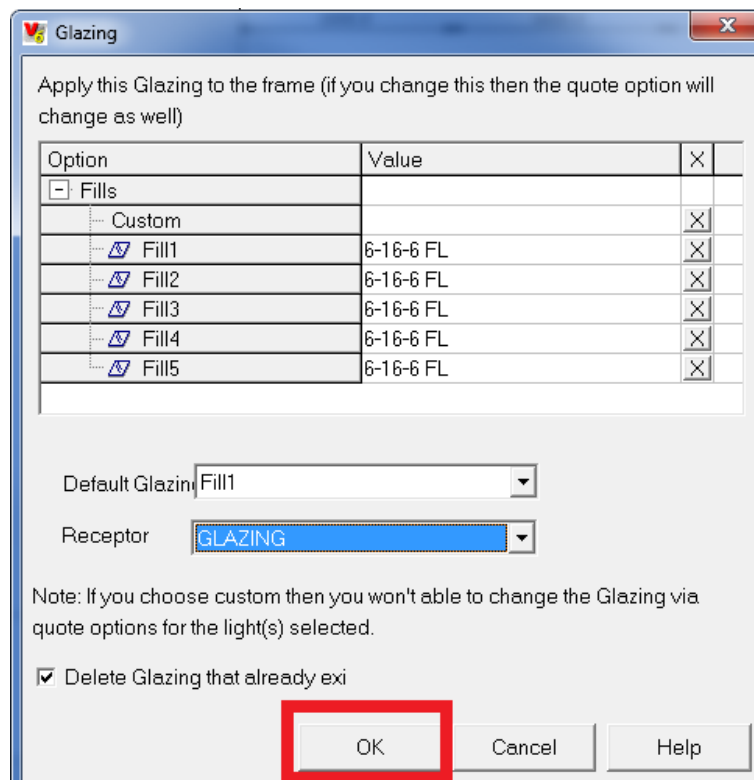
ON THIS SCREEN WE WILL BE REMOVING THE EXISTING VENTS AND ADDING A BEAD AND GLASS TO REGLAZE THE FRAME.

HIGHLIGHT THE TWO LIGHTS AS SHOWN

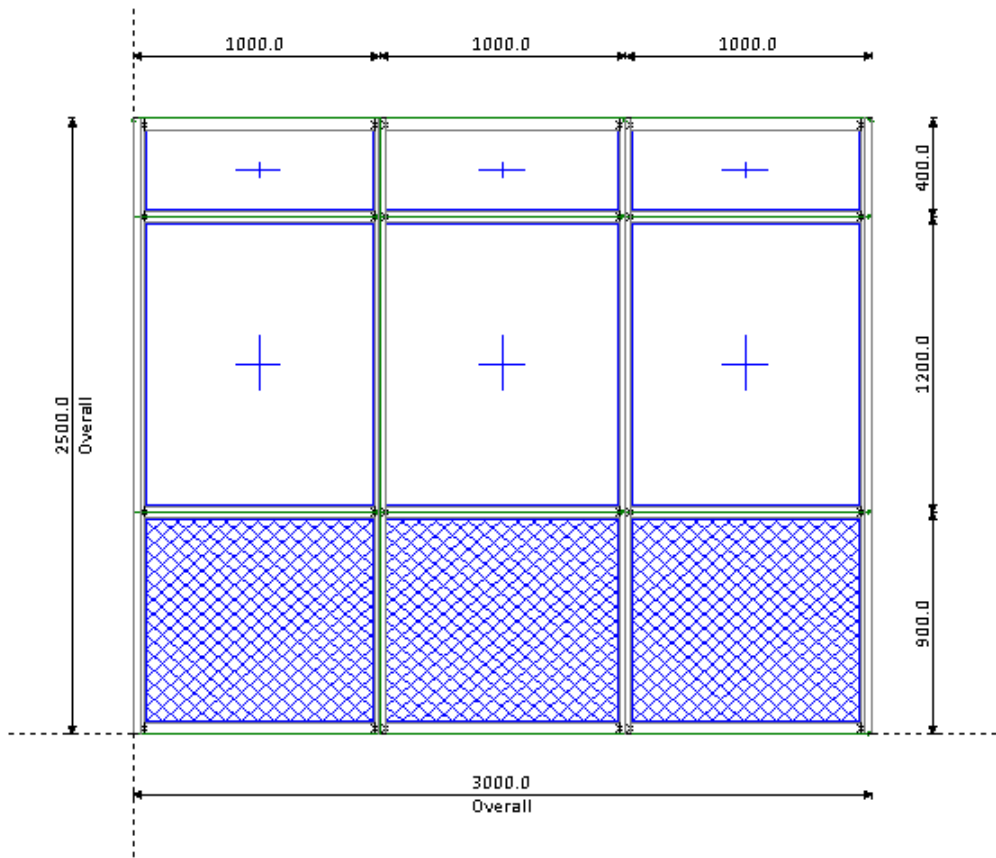
THEN CLICK ONTO THE REGLAZING BUTTON (AS SHOWN BELOW)



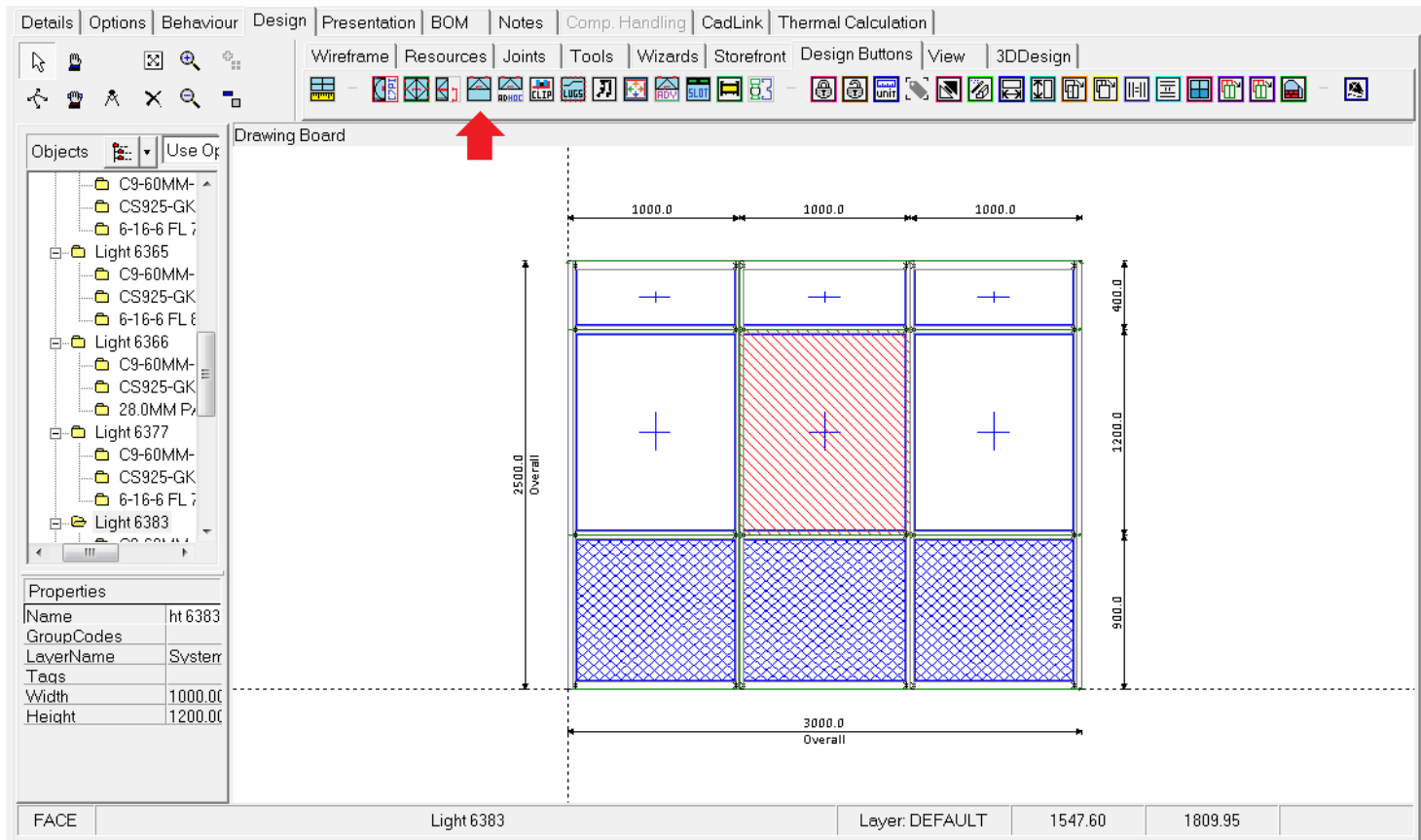
WHEN THE BELOW SCREEN COMES UP JUST CLICK OK



THE SCREEN NOW LOOKS LIKE THE BELOW

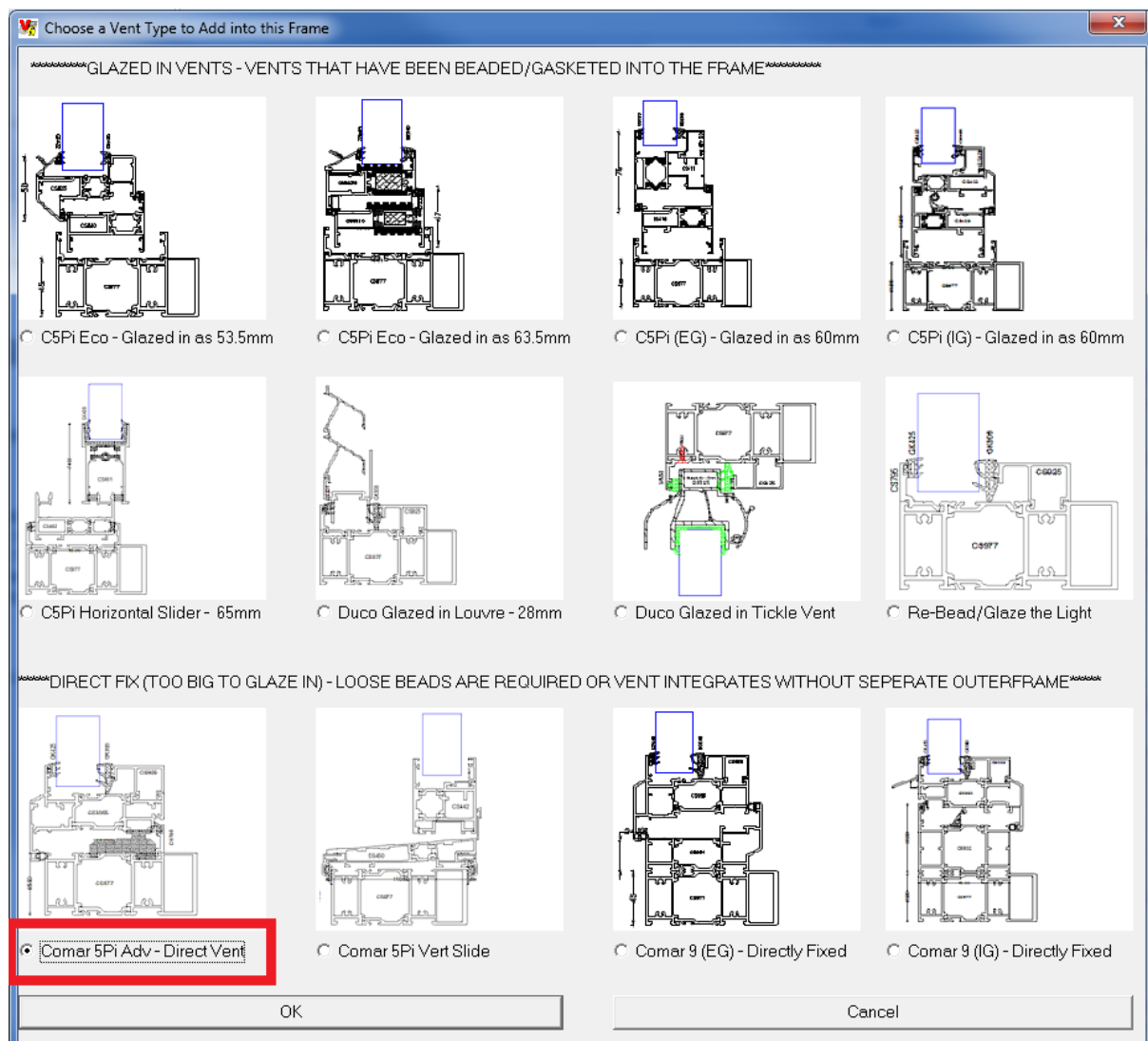


WE NOW WANT TO ADD ONE MORE OPENING VENT INTO THIS SYSTEM. TO DO THIS WILL FIRST HIGHLIGHT WHERE WE WANT TO PLACE THE VENTS. WE THEN CLICK ONTO THE VENT BUTTON

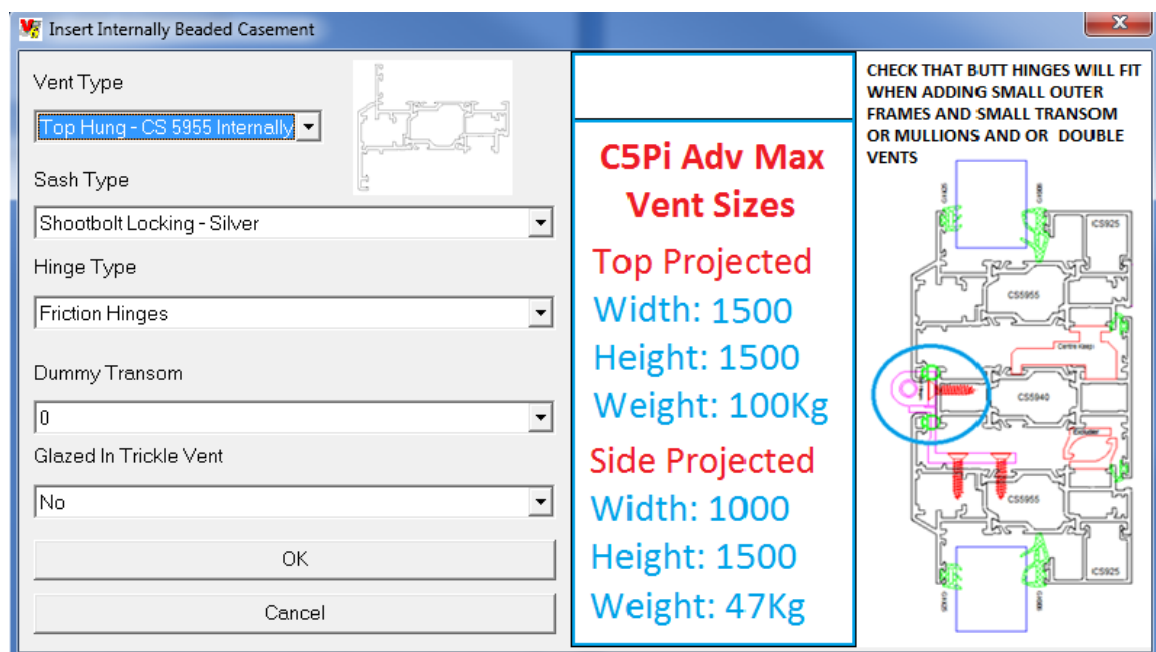


THERE ARE MANY DIFFERENT OPTIONS FOR ADDING VENTS INTO THE COMAR 9 SYSTEM, BUT AS WE HAVE STARTED LOOSE BEADED WE CAN FIX A BEAD TO THE INSIDE AND USE A DIRECT VENT (I.E NO EXTRA VENT OUTERFRAME)

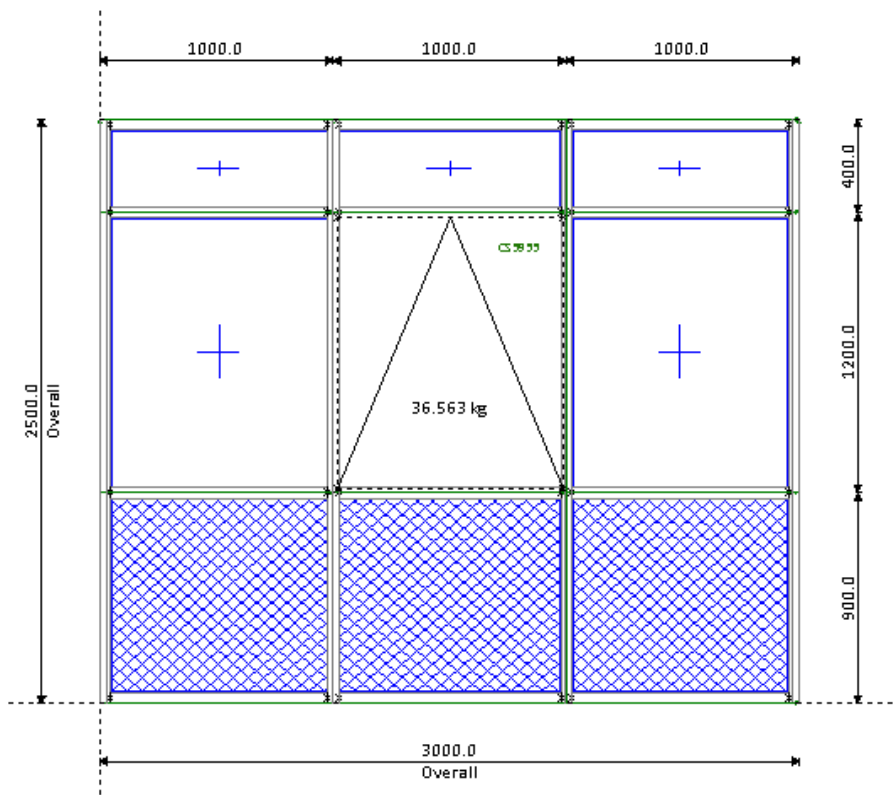
CHOOSE THE OPTION AS SHOWN BELOW



ON THIS FRAME WE WILL CHOOSE THE STANDARD OPTION THAT HAS COME UP

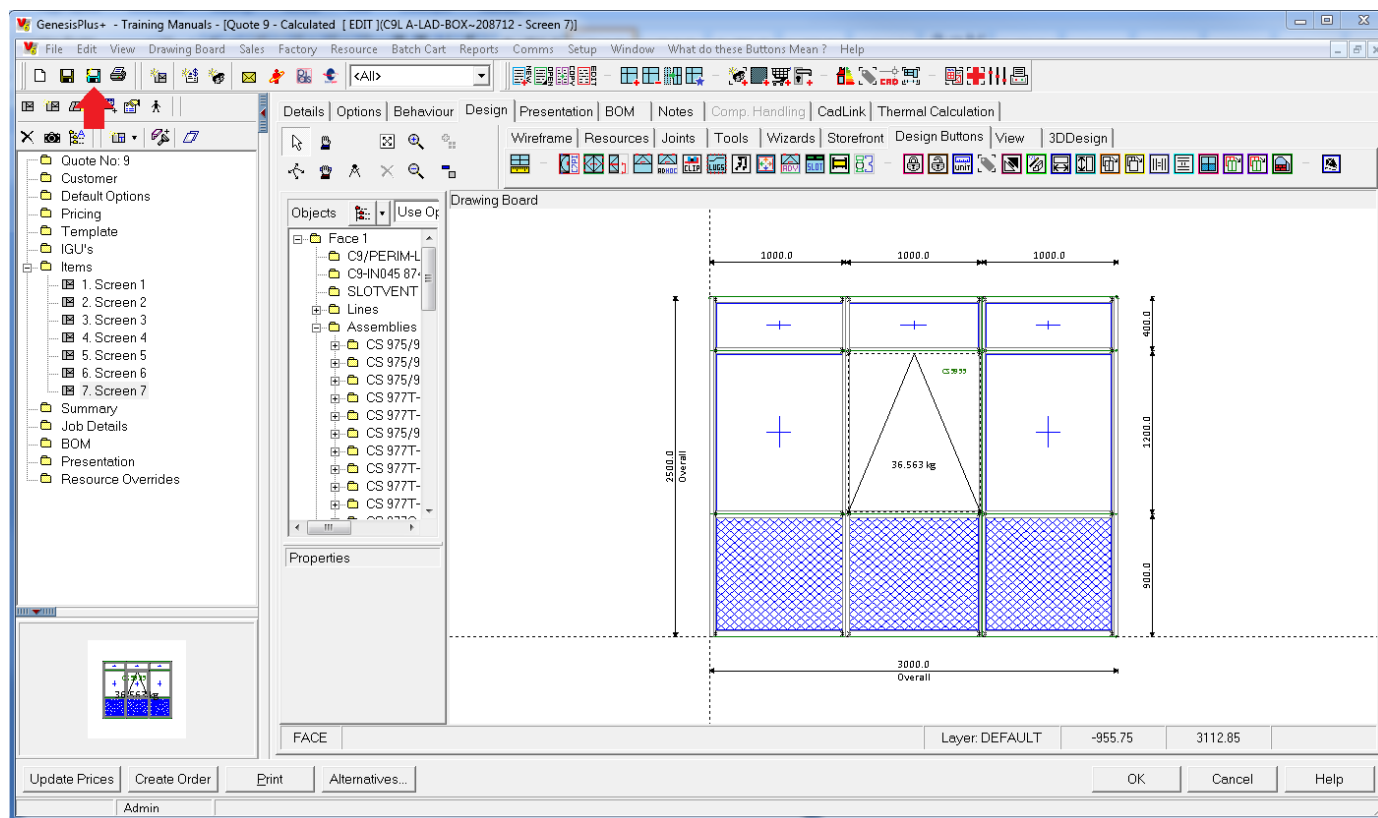


THE VENTS HAVE NOW BEEN ADDED



IT IS ALWAYS A GOOD IDEA TO SAVE THE QUOTE AFTER EACH ITEM HAS BEEN ADDED OR AFTER ADDING A FEW ITEMS, THIS WILL MEAN THAT IF YOUR COMPUTER HAS A PROBLEM OR SHUTS DOWN THEN IT WILL SAVE THE QUOTE AT THE POINT THAT YOU SAVE IT.

CLICK ONTO THIS BUTTON (QUICK SAVE) TO SAVE IT



UNLIKE A LOT OF OTHER PROGRAMS YOU DO NOT HAVE TO CLICK ONTO THE OK BUTTON AT THE BOTTOM TO SAVE IT OR COMPLETE THE CHANGES. THIS OK BUTTON WILL BEING YOU OUT OF THE QUOTE AND SHUT IT DOWN.

IF YOU DO CLICK THIS BUTTON THEN CLICK BACK ONTO THE OPEN QUOTE BUTTON TO OPEN IT BACK UP



EDIT A QUOTE. THIS WILL OPEN A QUOTE THAT YOU HAVE ALREADY STARTED AND SHUT DOWN



Page No: 8

ELEVATION PORTRAIT

Date/Time: 29/01/2018 17:06:09

Quote Title: School - Training Manual

Quote No: SH-3- -Ver 3

Cust Name:

Job Ref:

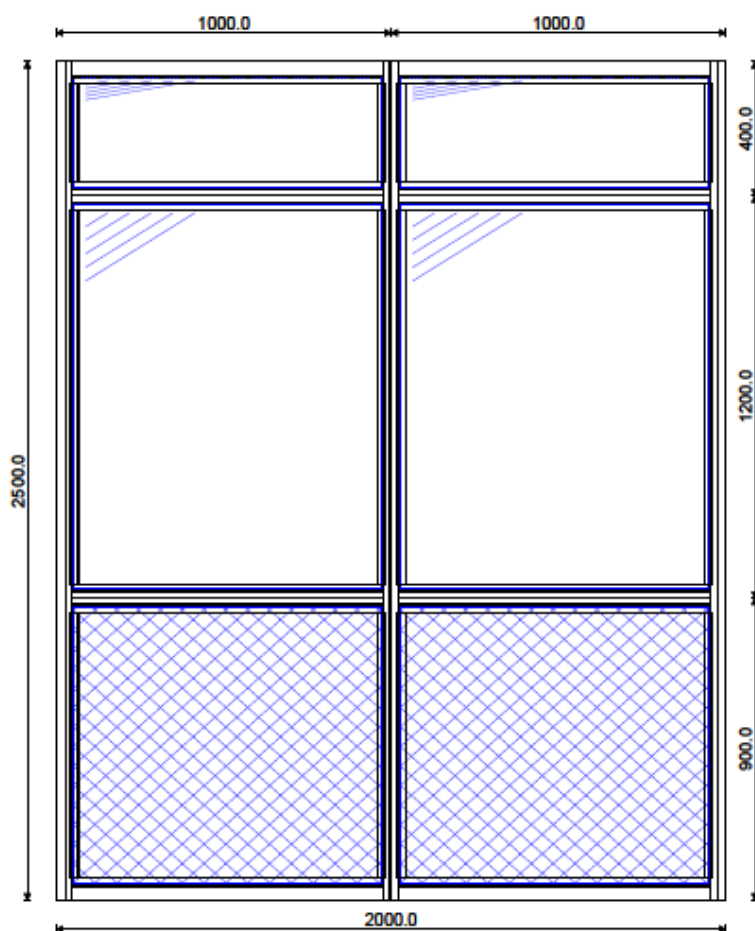
Finish:

Deliv Date:

Other:



Do Not Scale



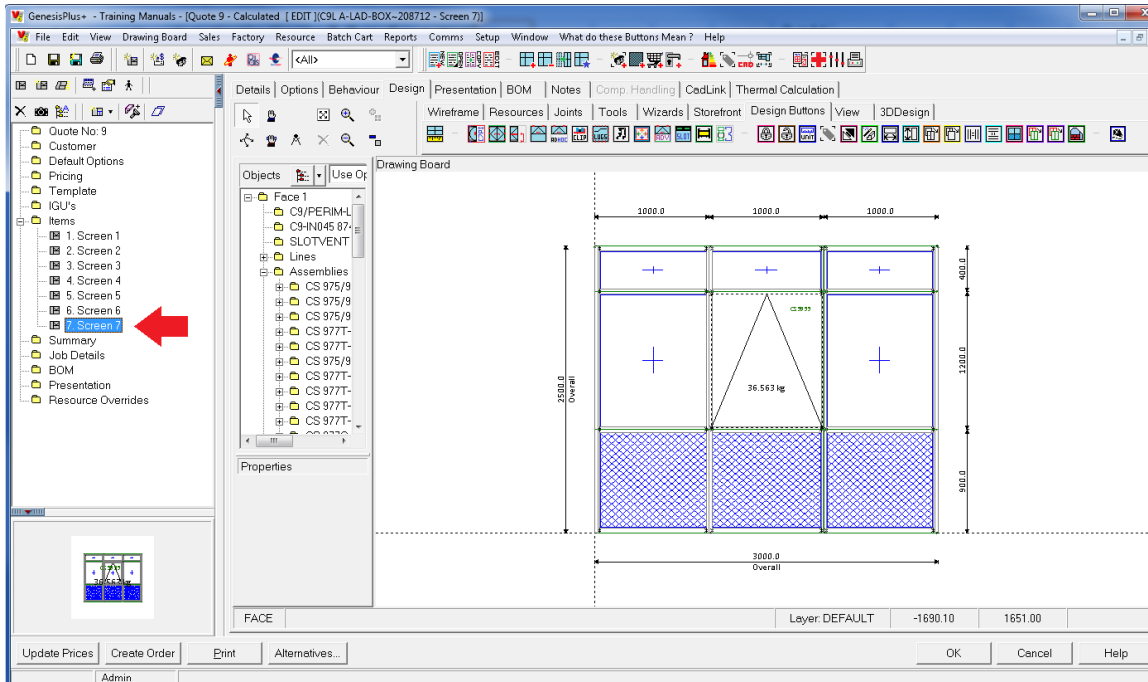
Item Description: Comar 9Pi (100mm) - Loose Beaded L/Frame Item Number: 8

Quantity: 1

COPYING AND CHANGING AN EXISTING FRAME IN THE QUOTE

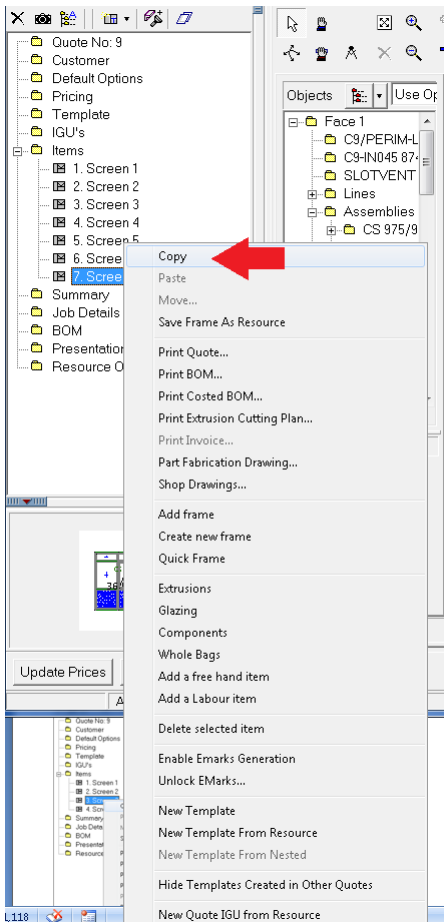
AGAIN THIS IS A SIMILAR FRAME AND TO SAVE TIME WE CAN MAKE A COPY OF A ANOTHER FRAME, THIS CAN SAVE ALOT OF TIME AS THE FRAME IS PARTLY BUILT.

HIGHLIGHT SCREEN 7 IN THE ITEMS TREE (AS SHOWN BELOW)

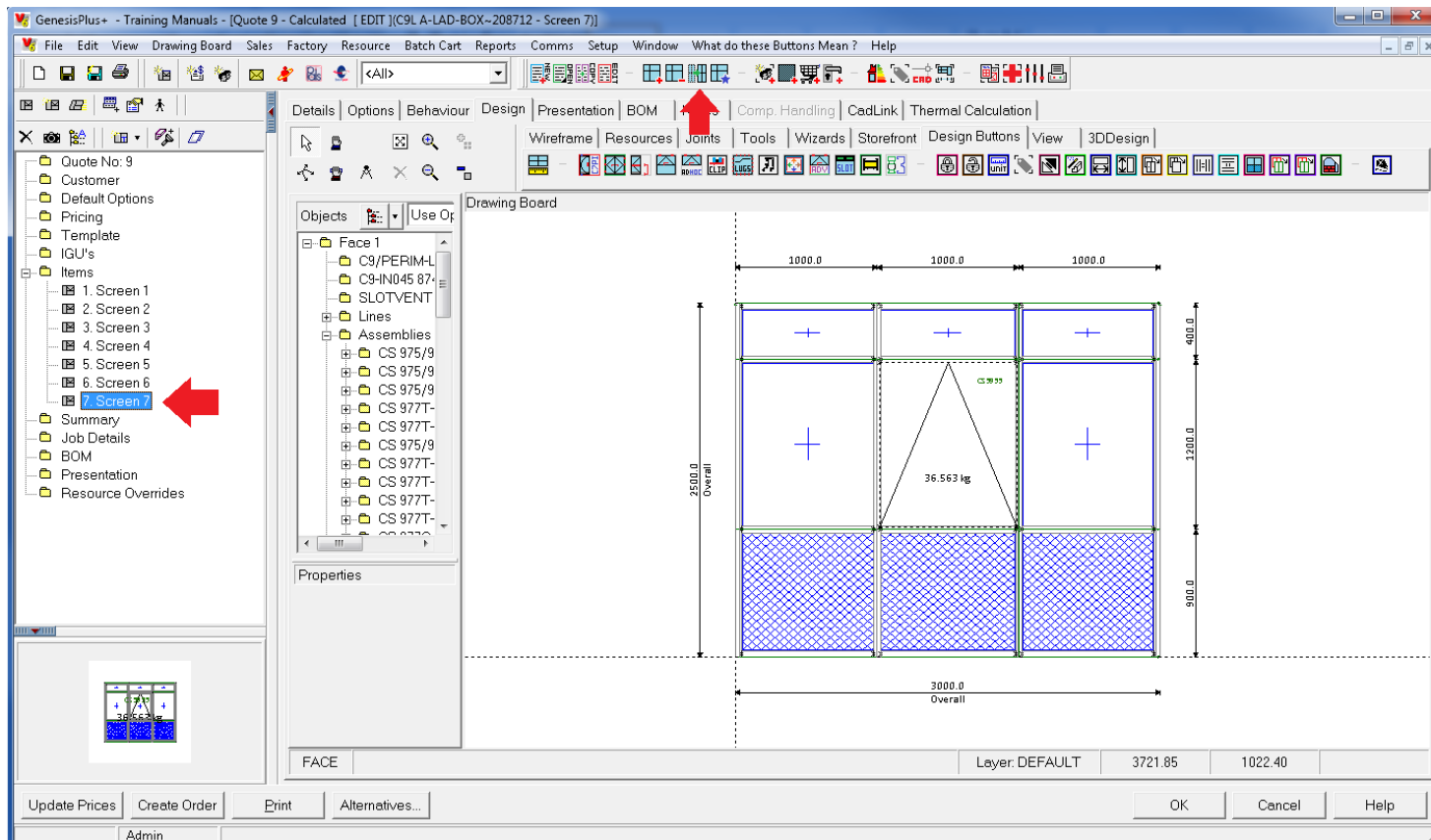


THERE ARE SEVERAL WAYS TO COPY A FRAME, YOU CAN RIGHTCLICK ON THE FRAME AND USE COPY.

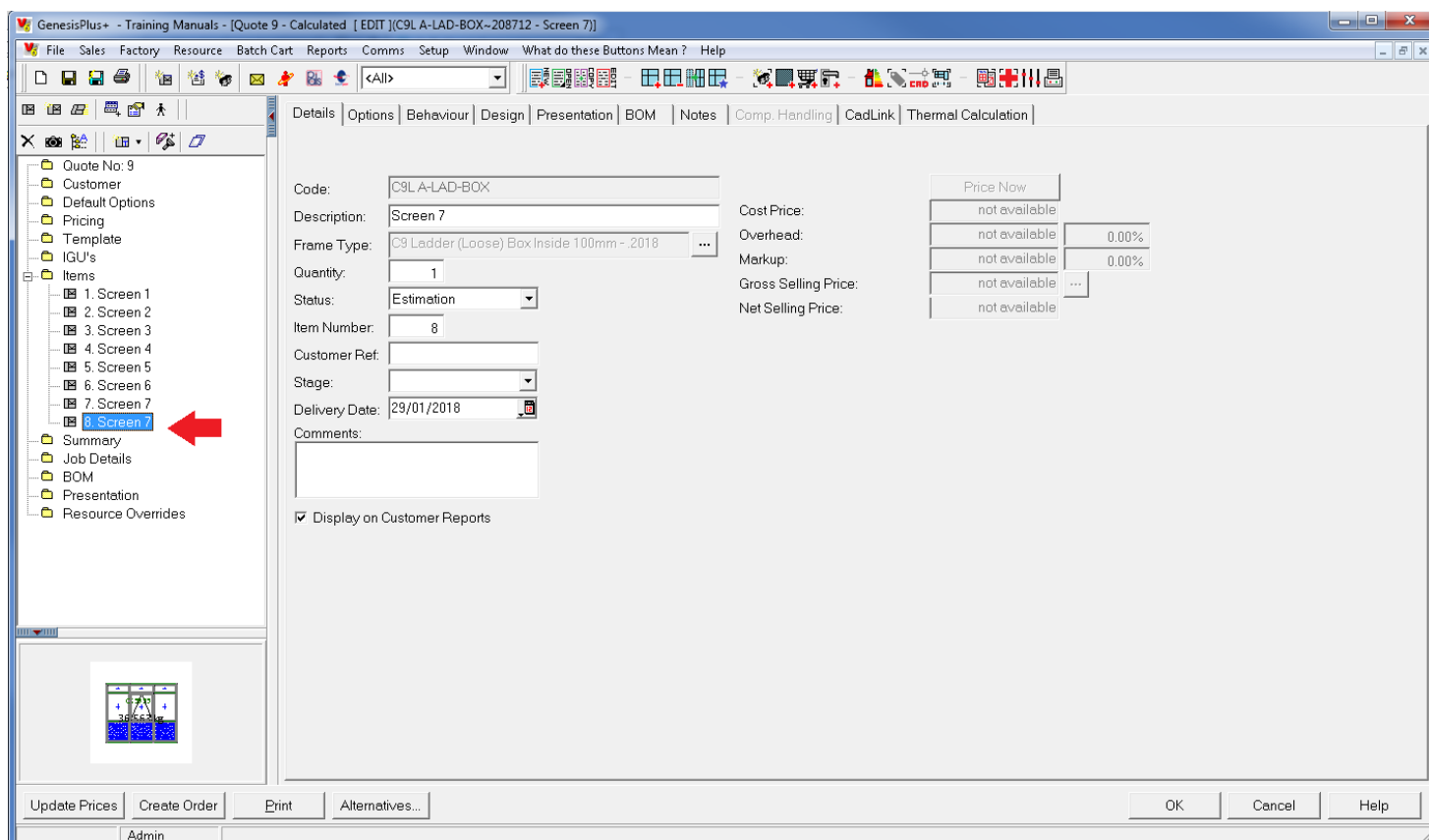
YOU CAN THEN RIGHTCLICK AND CLICK TO PASTE THE FRAME.



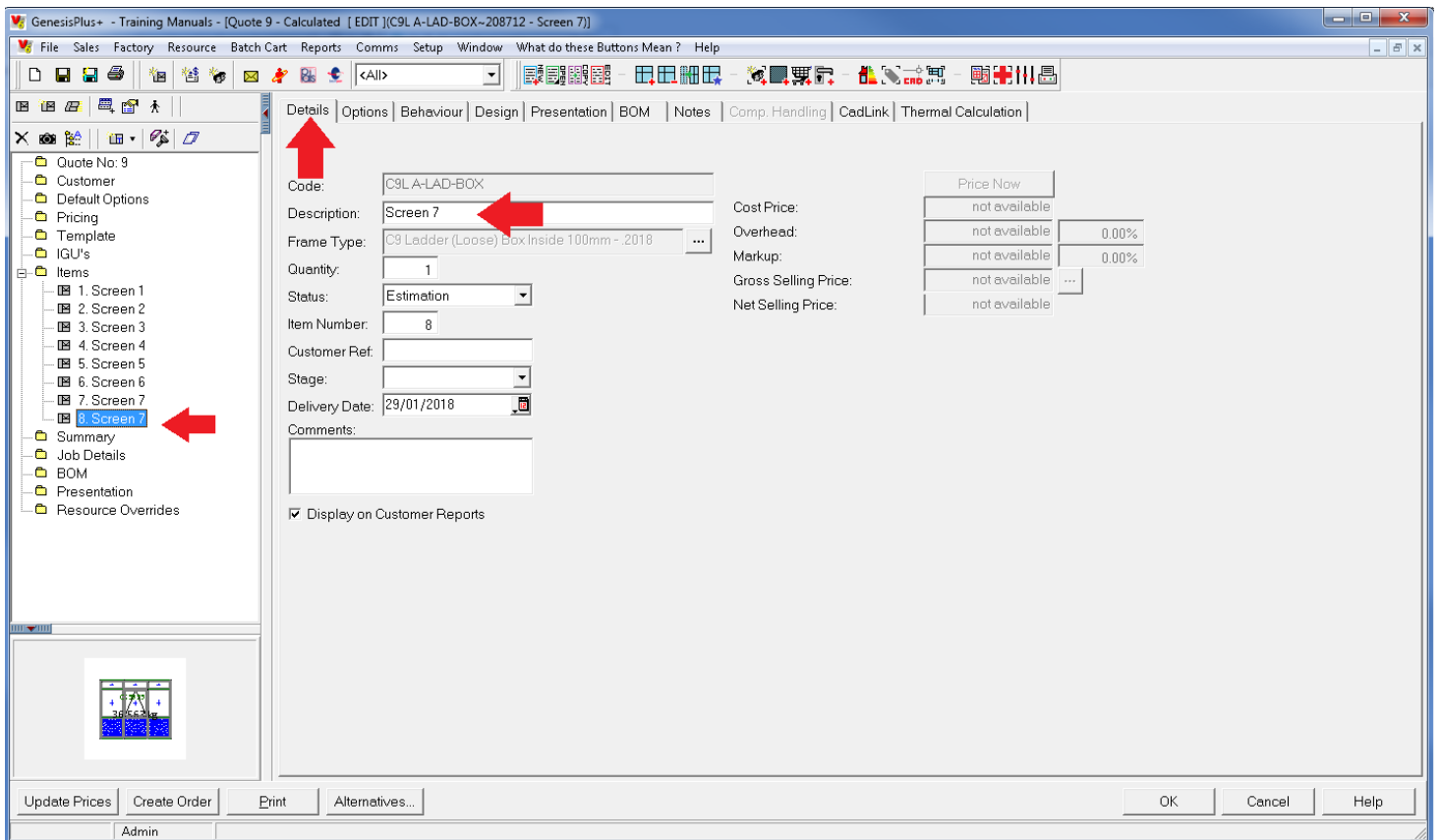
ANOTHER WAY IS TO HIGHLIGHT THE FRAME AND THEN CLICK THE COPY FRAME BUTTON AT THE TOP



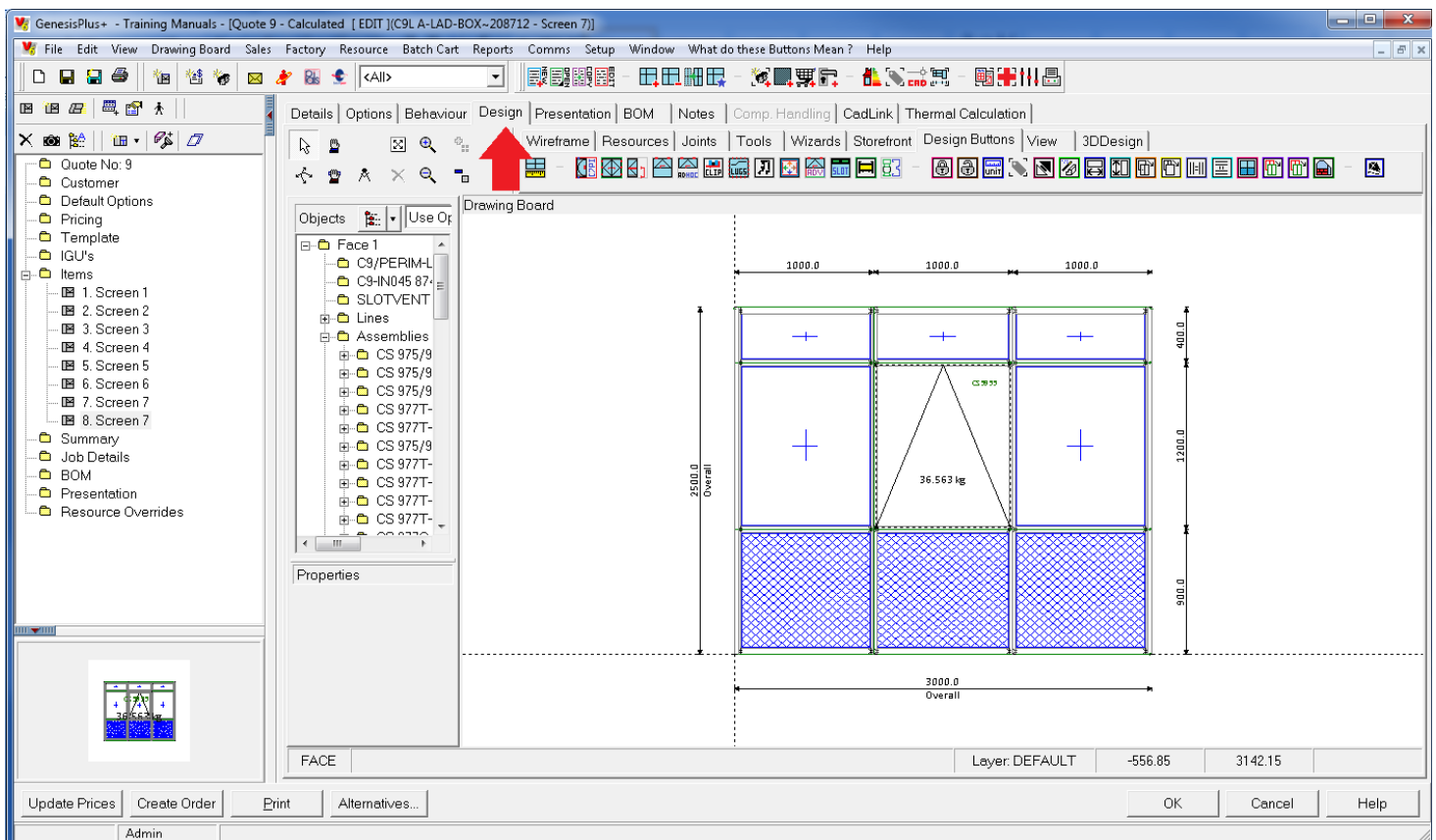
THIS HAS CREATED A NEW FRAME IN THE ITEMS FIELD.



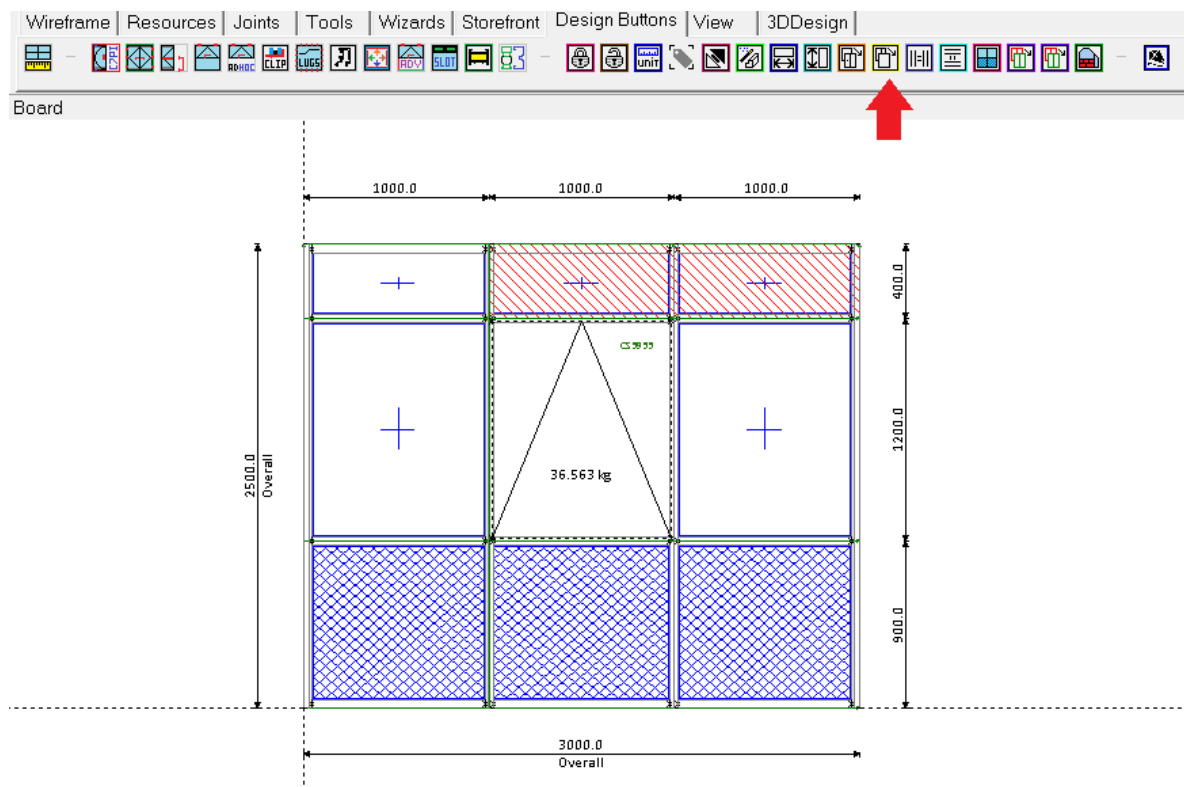
WE CAN RENAME THE COPIED FRAME BY HIGHLIGHTING THE FRAME, THEN GO TO DETAILS ALONG THE TOP AND THEN RENAME THE DESCRIPTION TO BE SCREEN 8



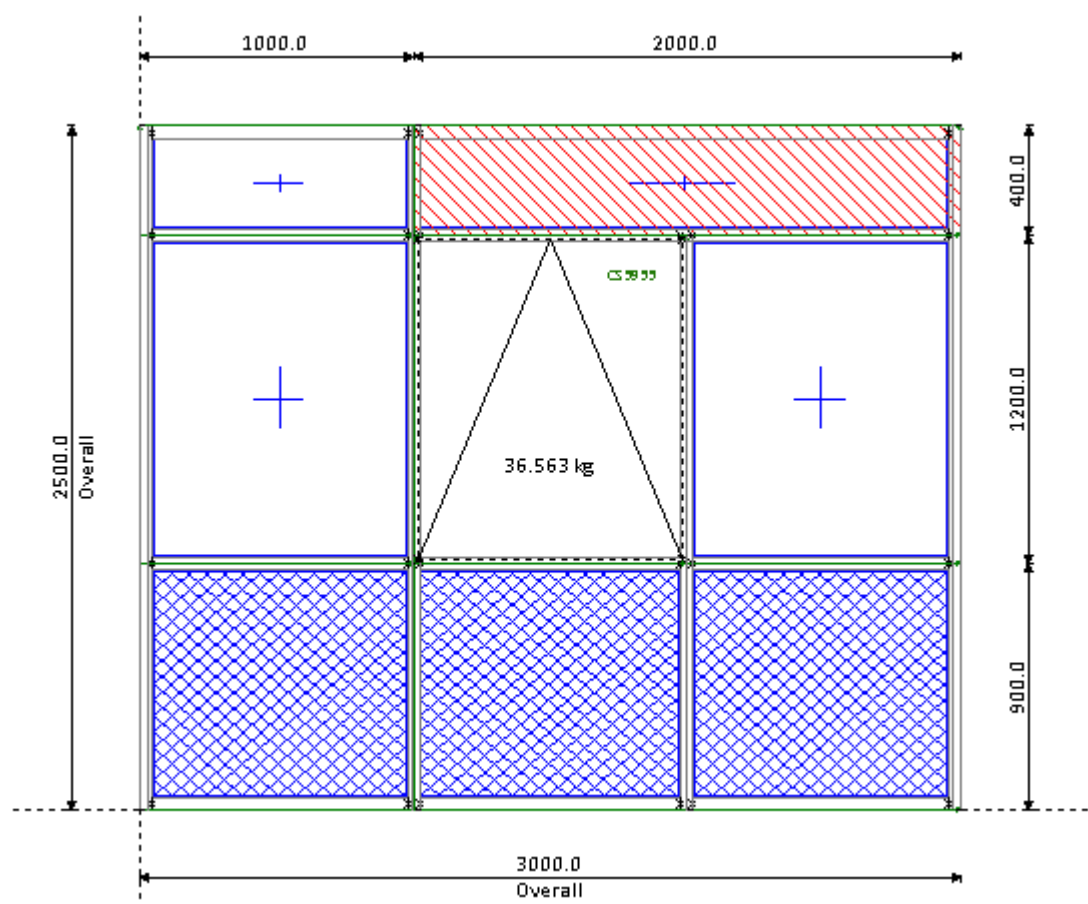
AFTER THAT GO INTO THE DESIGN SCREEN



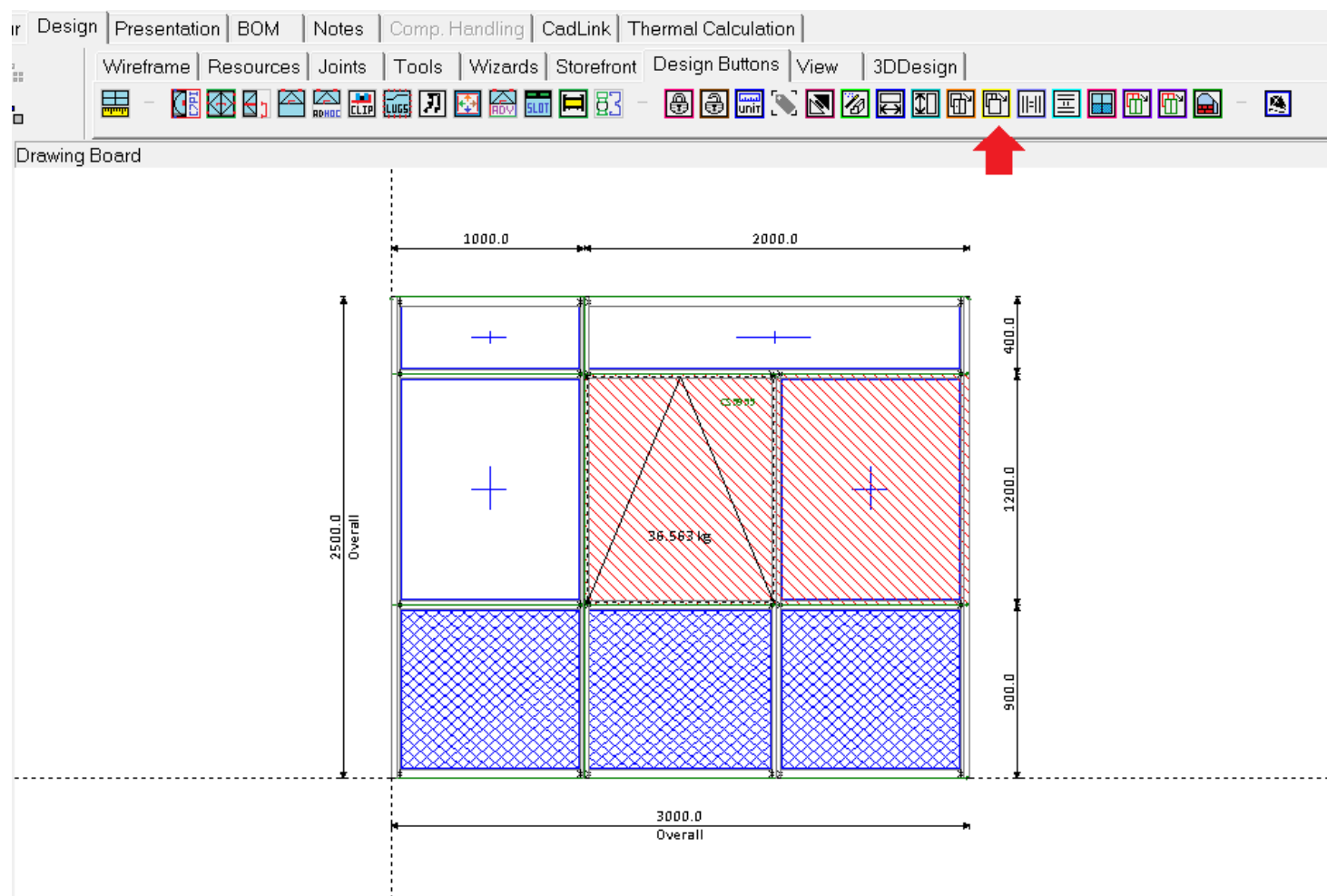
USING YOUR MOUSE AND SHIFT KEY HIGHLIGHT THE TWO LIGHTS TOGETHER AS SHOWN AND THEN CLICK ONTO THE YELLOW "MERGE LIGHT" BUTTON AS SHOWN



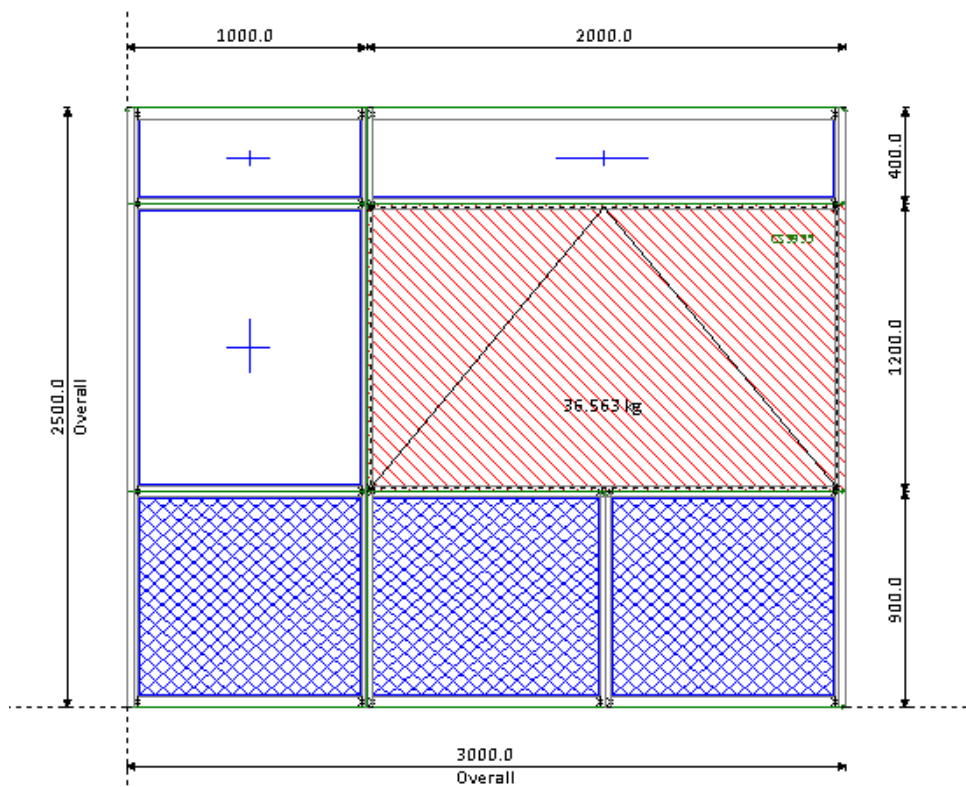
WE NOW HAVE A LARGE LIGHT ON THE TOP RIGHT



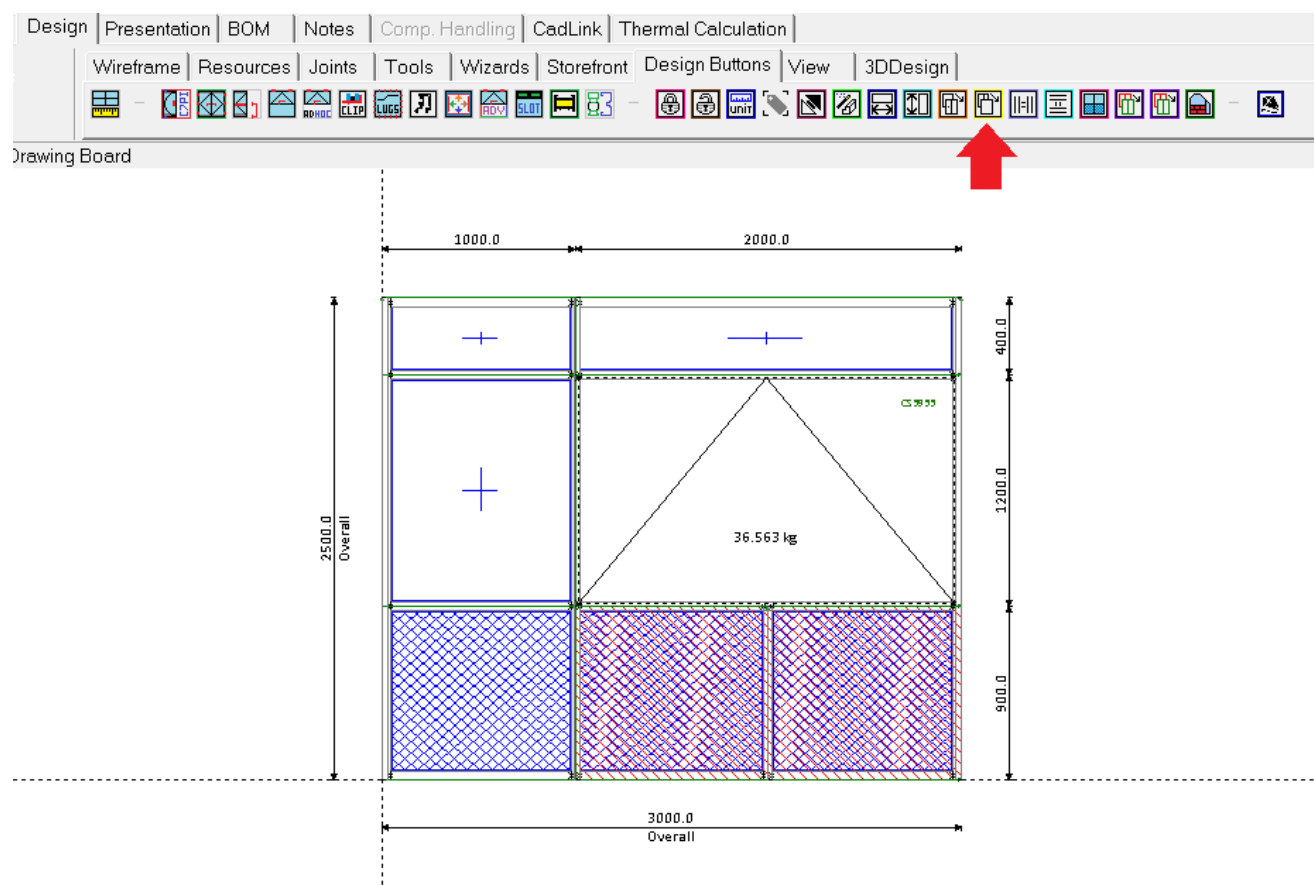
USING YOUR MOUSE AND SHIFT KEY HIGHLIGHT THE NEXT TWO LIGHTS TOGETHER AS SHOWN AND THEN CLICK ONTO THE YELLOW "MERGE LIGHT" BUTTON AS SHOWN



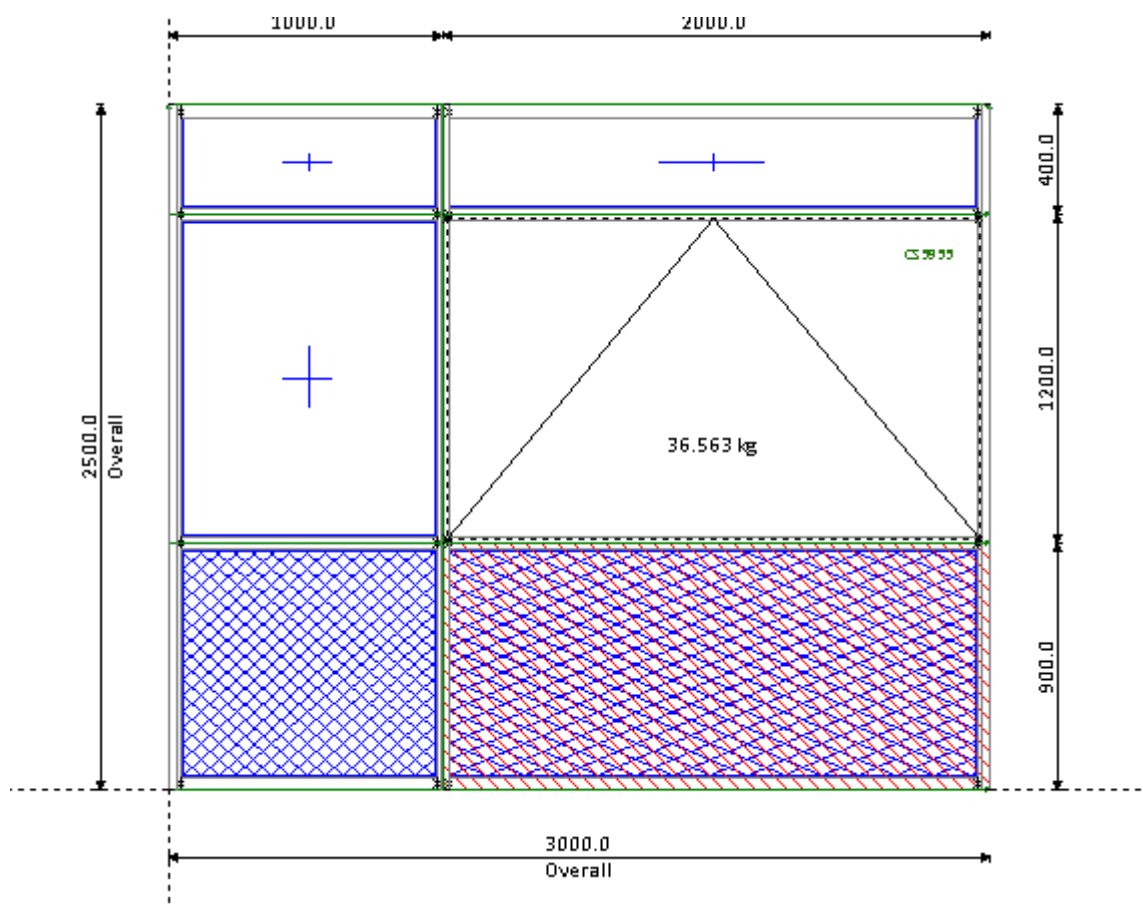
WE NOW HAVE A LARGE LIGHT IN THE MIDDLE RIGHT



USING YOUR MOUSE AND SHIFT KEY HIGHLIGHT THE NEXT TWO LIGHTS TOGETHER AS SHOWN AND THEN CLICK ONTO THE YELLOW “MERGE LIGHT” BUTTON AS SHOWN

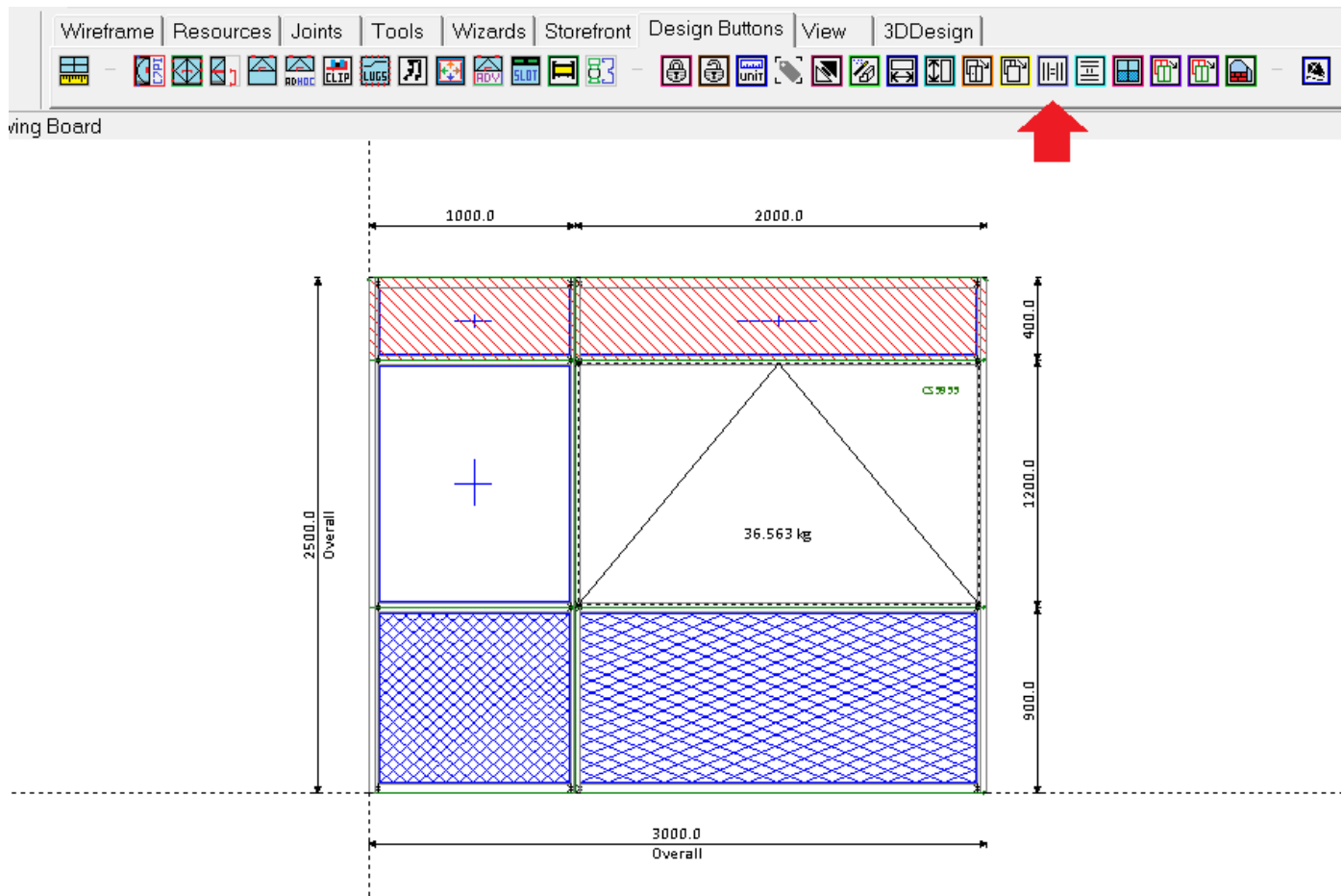


WE NOW HAVE A LARGE LIGHT IN THE MIDDLE RIGHT

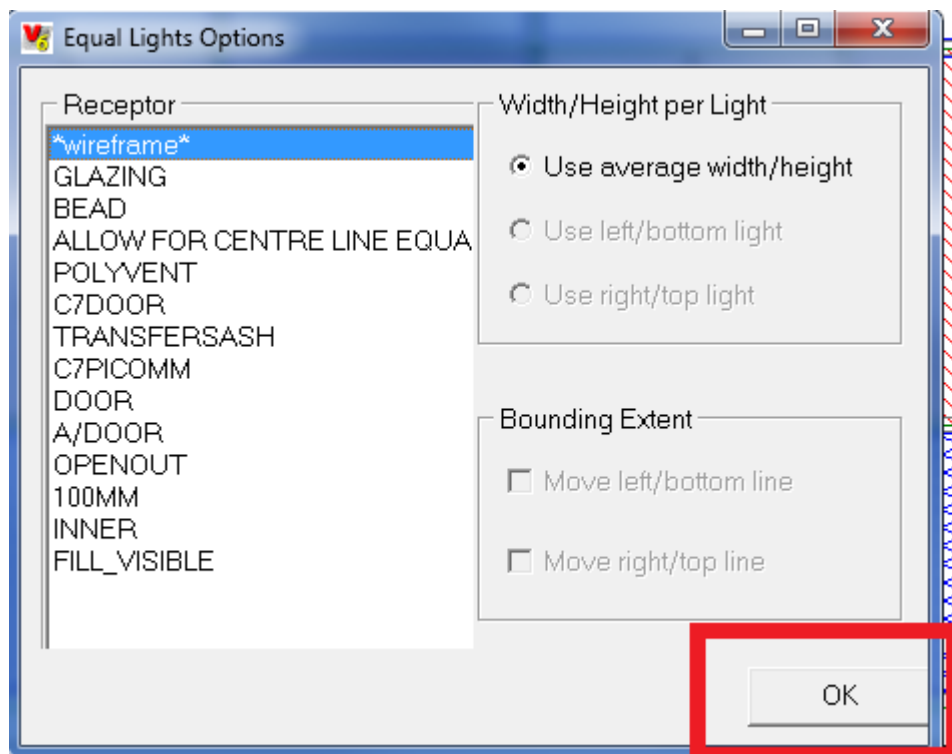


WE WILL NOW USE ANOTHER COMMAND THAT WE HAVENT USED BEFORE TO EQUAL THE WIDTHS OF THE COLUMNS
HIGHLIGHT ANY OF THE FOUR LIGHTS IN EACH OF THE THREE ROWS. I HAVE CHOSEN THE BOTTOM ROW.

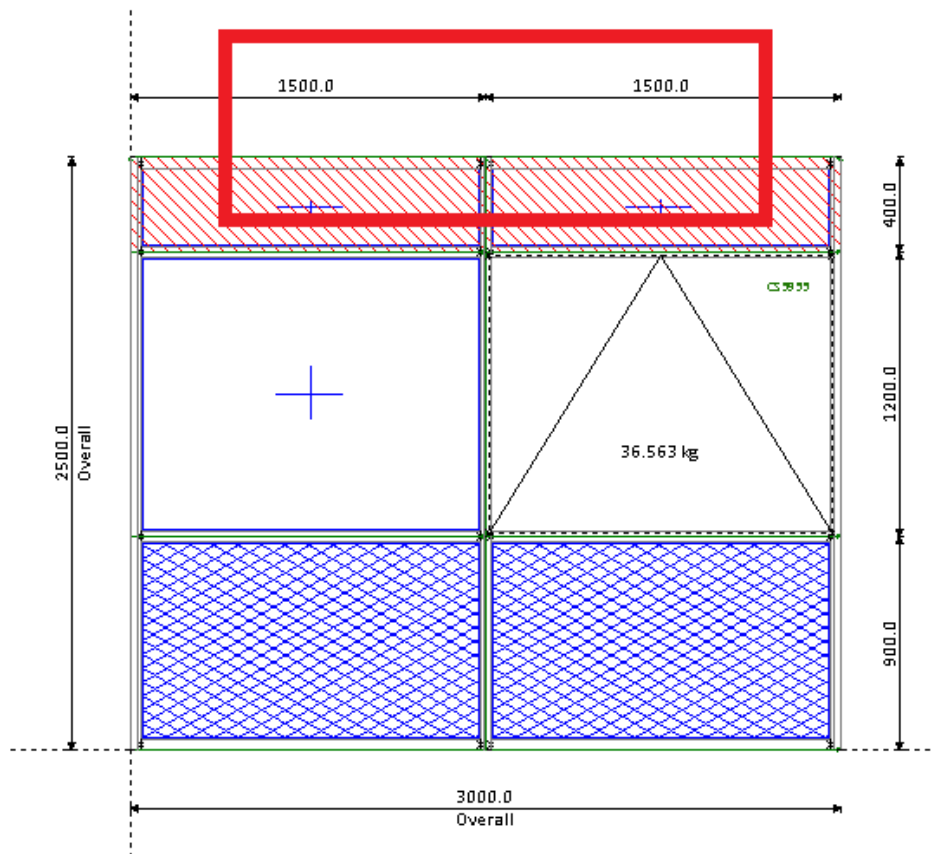
THEN CLICK ONTO EQUAL LIGHTS ON WIDTH BUTTON (AS SHOWN)



LEAVE THE RECEPTOR OPTION AS STANDARD AND THEN CLICK OK

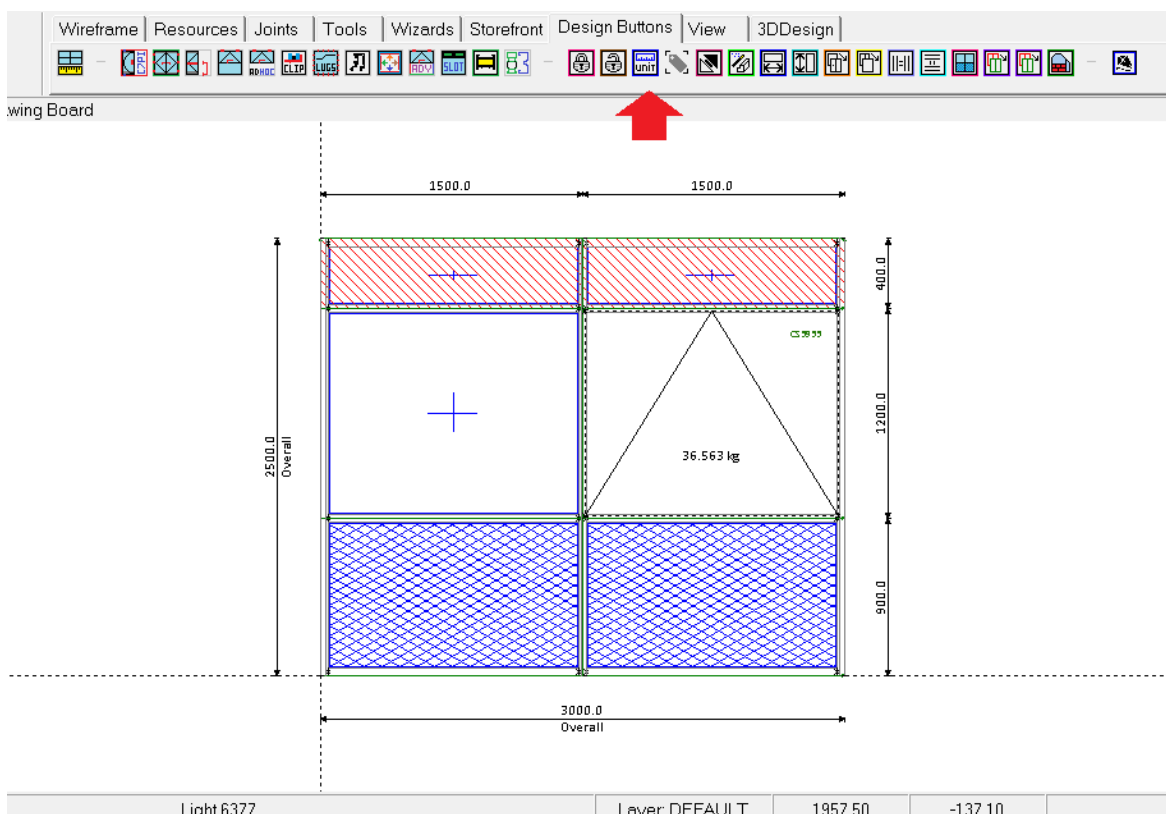


THESE TWO DIMENSIONS ARE NOW THE SAME

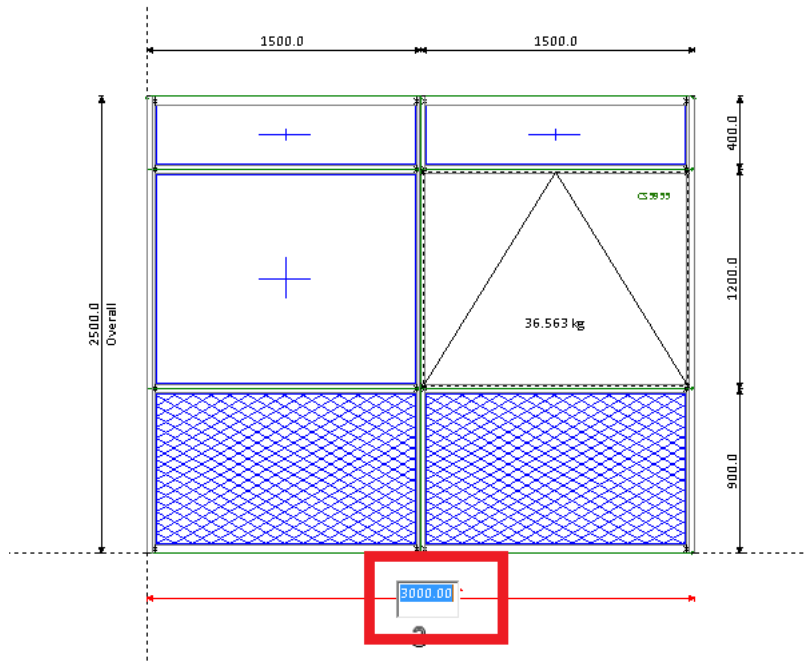


ONE LAST THING THAT WE WANT TO COVER IS CHANGING THE DIMENSIONS OF THE OVERALL FRAME, WE HAVE TAKEN A 4000MM WIDE FRAME AND WANT TO TAKE THIS DOWN TO 3000MM.

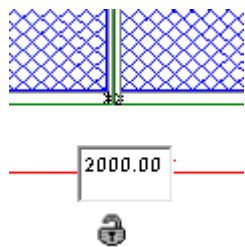
WHILST IN THE DESIGN SCREEN CLICK ONTO THE UNIT BUTTON. THIS SWITCHES THE DIMENSIONS SO THAT THEY ARE CHANGEABLE ON THE SCREEN.



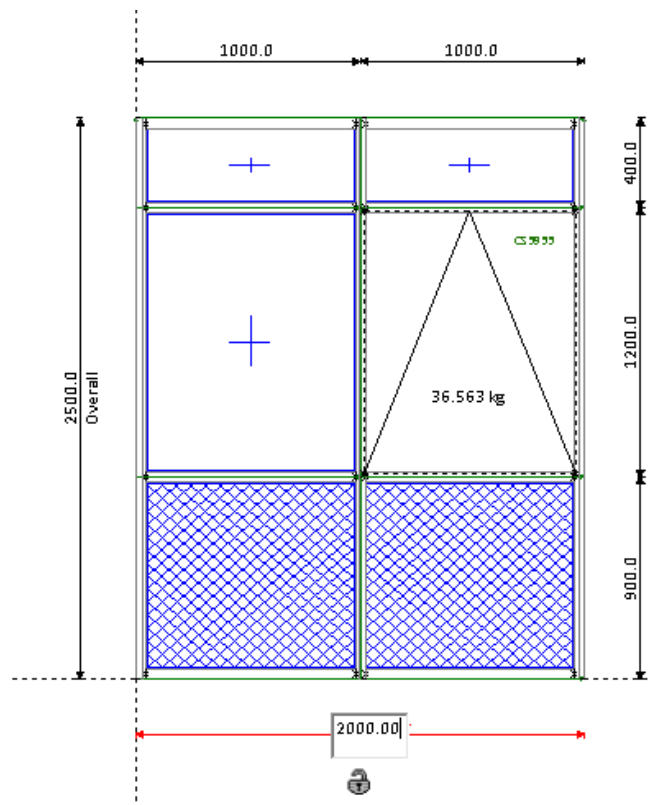
USING YOUR MOUSE DOUBLE CLICK ON THE WIDTH DIMENSION, IT WILL ALLOW YO TO TYPE INTO THE BOX (AS SHOWN BELOW)



TYPE IN 2000 AND THEN CLICK RETURN ON YOUR KEYBOARD (JUST CLICKING OUT OF THE BOX WILL NOT CHANGE THE DIMENSION, YOU HAVE TO PRESS RETURN TO CONFIRM THE NEW ONE).



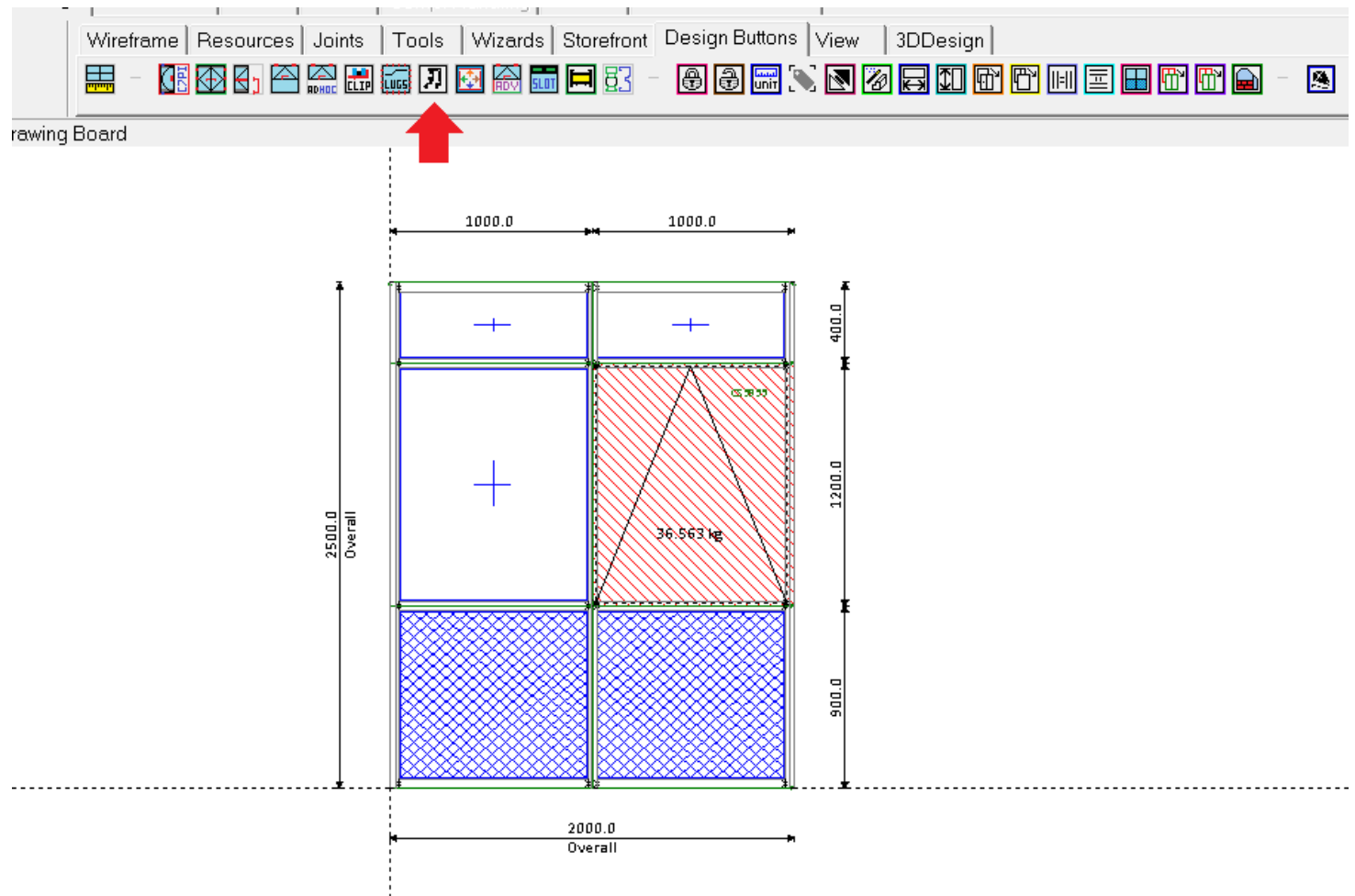
THIS WILL NOW CHANGE THE OVERALL WIDTH.



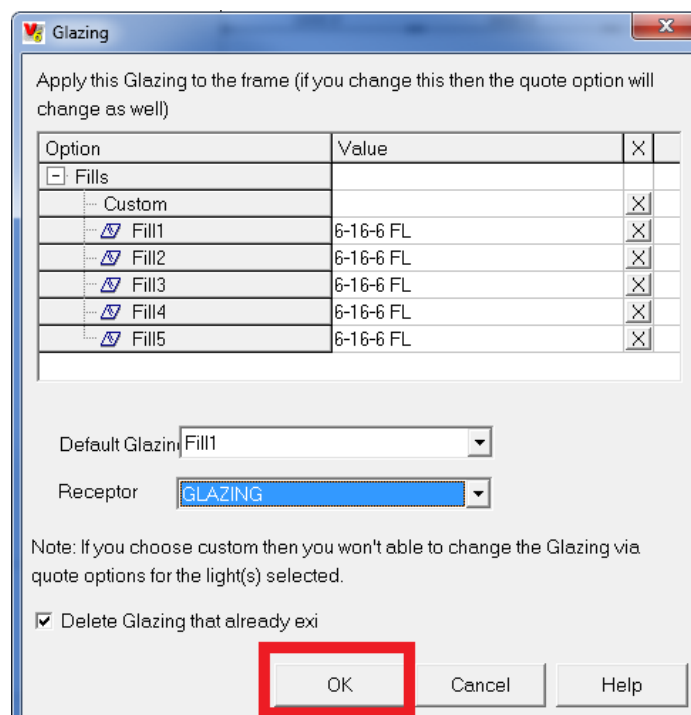
ON THIS SCREEN WE WILL BE REMOVING THE EXISTING VENTS AND ADDING A BEAD AND GLASS TO REGLAZE THE FRAME.

HIGHLIGHT THE TWO LIGHTS AS SHOWN.

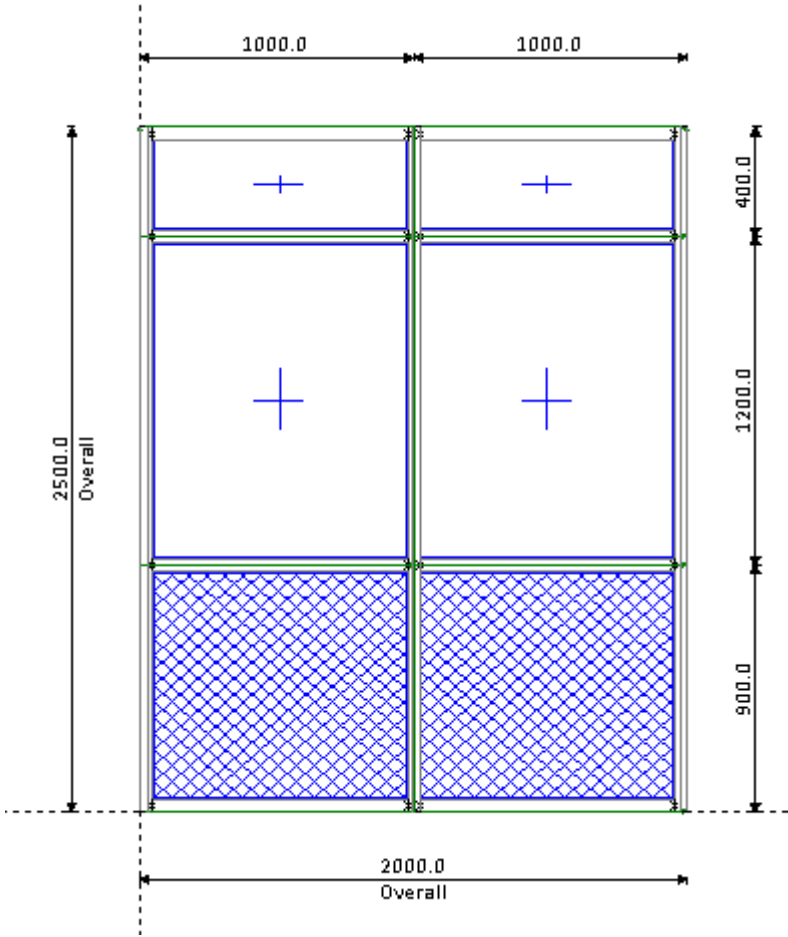
THEN CLICK ONTO THE REGLAZING BUTTON (AS SHOWN BELOW).



WHEN THE BELOW SCREEN COMES UP JUST CLICK OK.



THE SCREEN NOW LOOKS LIKE THE BELOW



THIS SCREEN IS NOW COMPLETE.



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ELEVATION PORTRAIT

Date/Time: 29/01/2018 17:06:09

Quote Title: School - Training Manual

Quote No: SH-3--Ver 3

Cust Name:

Job Ref:

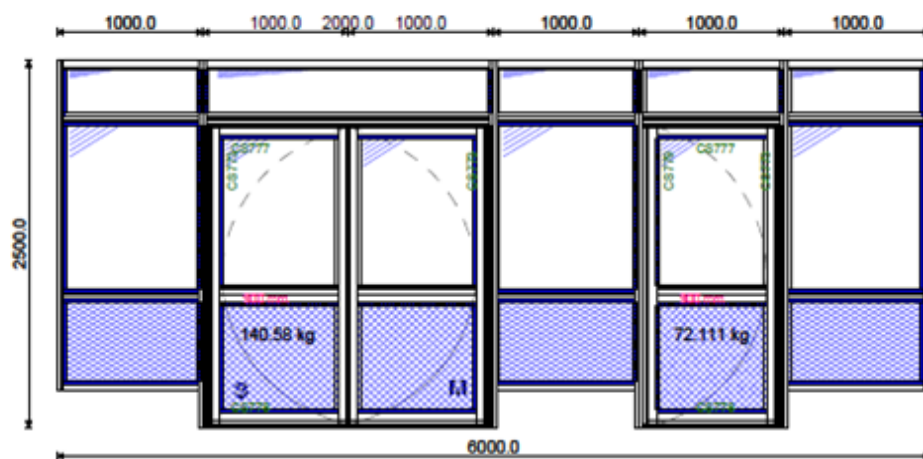
Finish:

Deliv Date:

Other:



Do Not Scale



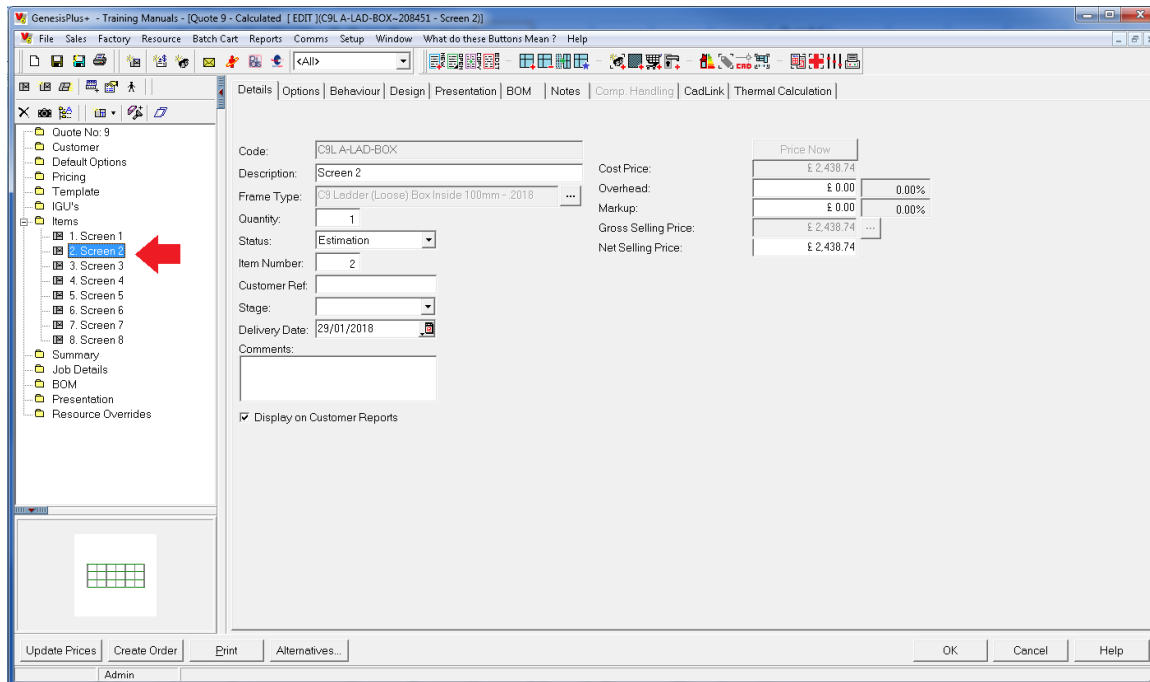
Item Description: Comar 9Pi (100mm) - Loose Beaded LFrame Item Number: 9

Quantity: 1

COPYING AND CHANGING AN EXISTING FRAME IN THE QUOTE

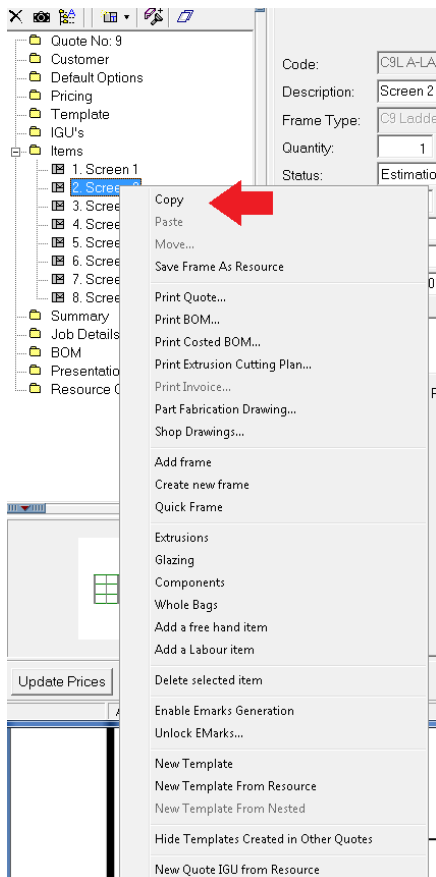
AGAIN THIS IS A SIMILAR FRAME AND TO SAVE TIME WE CAN MAKE A COPY OF A ANOTHER FRAME, THIS CAN SAVE ALOT OF TIME AS THE FRAME IS PARTLY BUILT.

HIGHLIGHT SCREEN 2 IN THE ITEMS TREE (AS SHOWN BELOW)

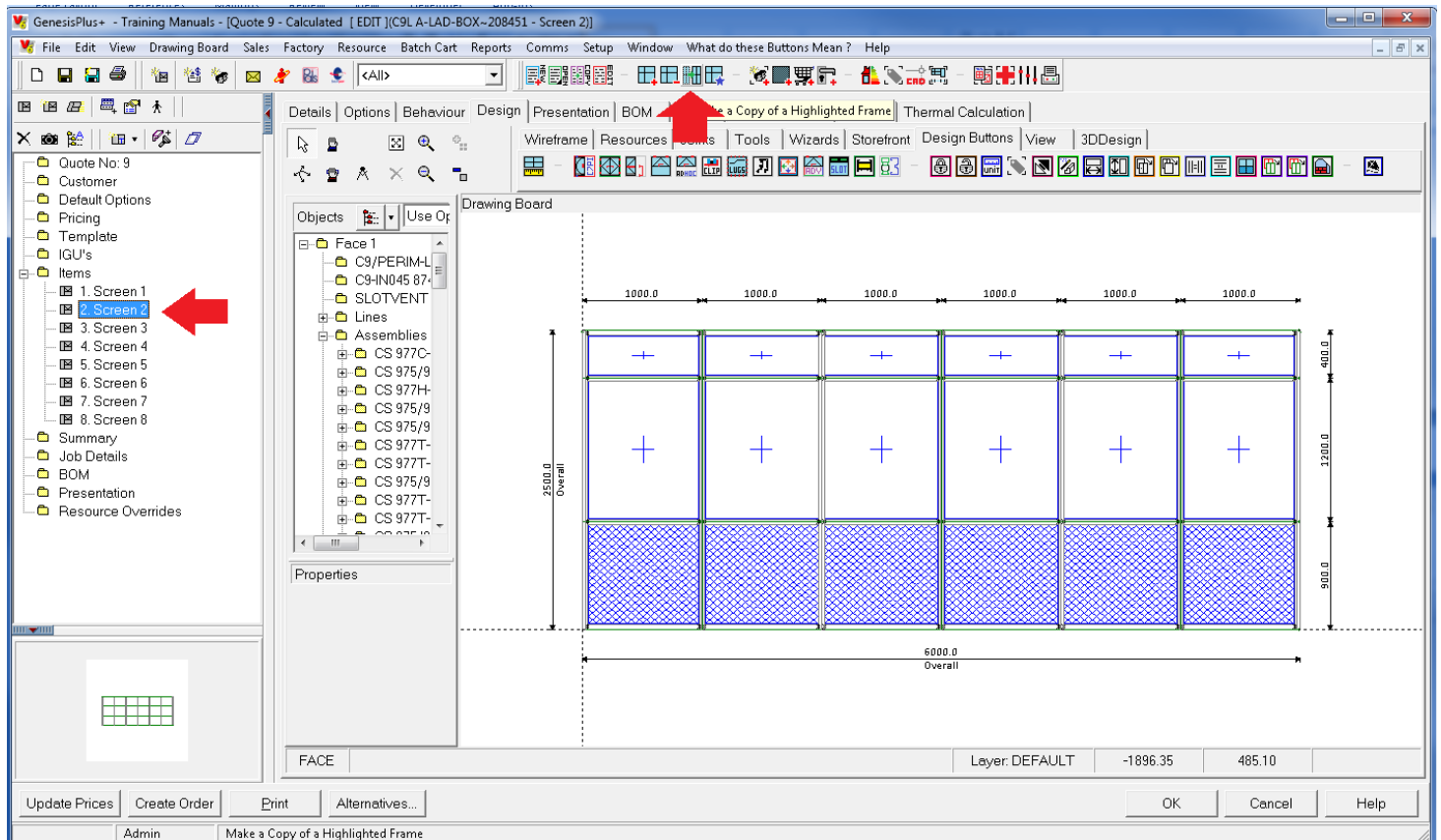


THERE ARE SEVERAL WAYS TO COPY A FRAME, YOU CAN RIGHTCLICK ON THE FRAME AND USE COPY.

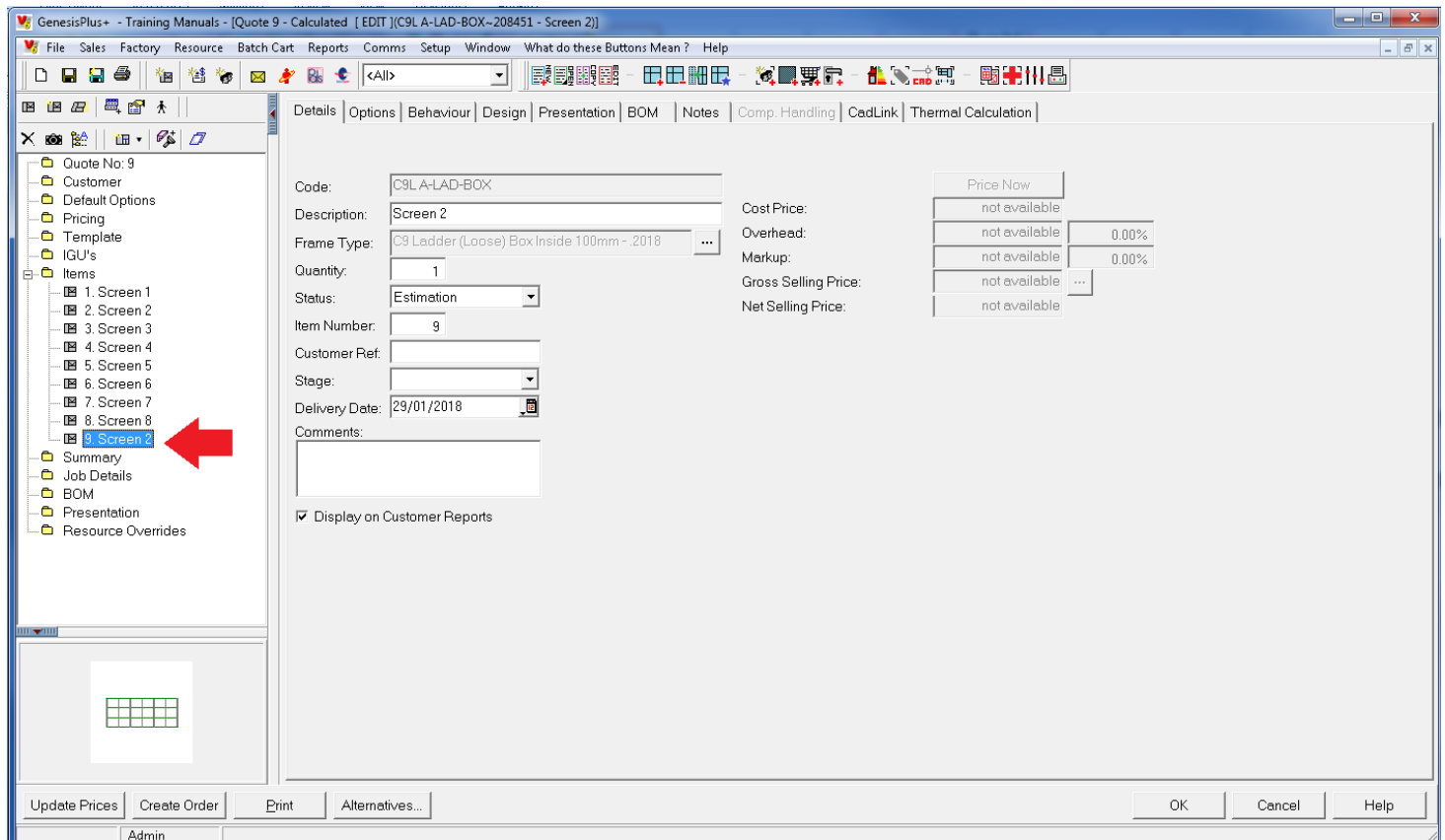
YOU CAN THEN RIGHTCLICK AND CLICK TO PASTE THE FRAME.



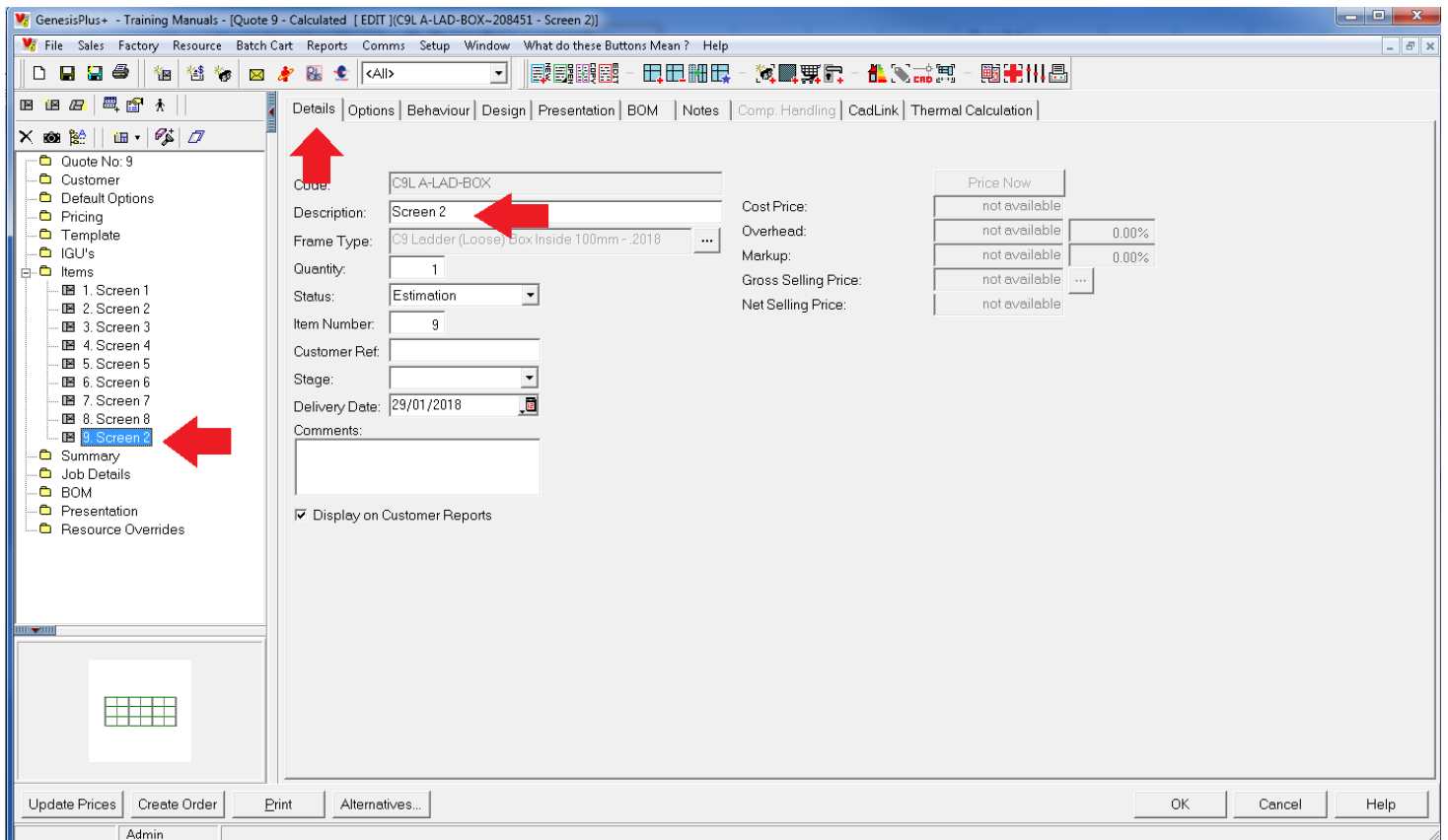
ANOTHER WAY IS TO HIGHLIGHT THE FRAME AND THEN CLICK THE COPY FRAME BUTTON AT THE TOP



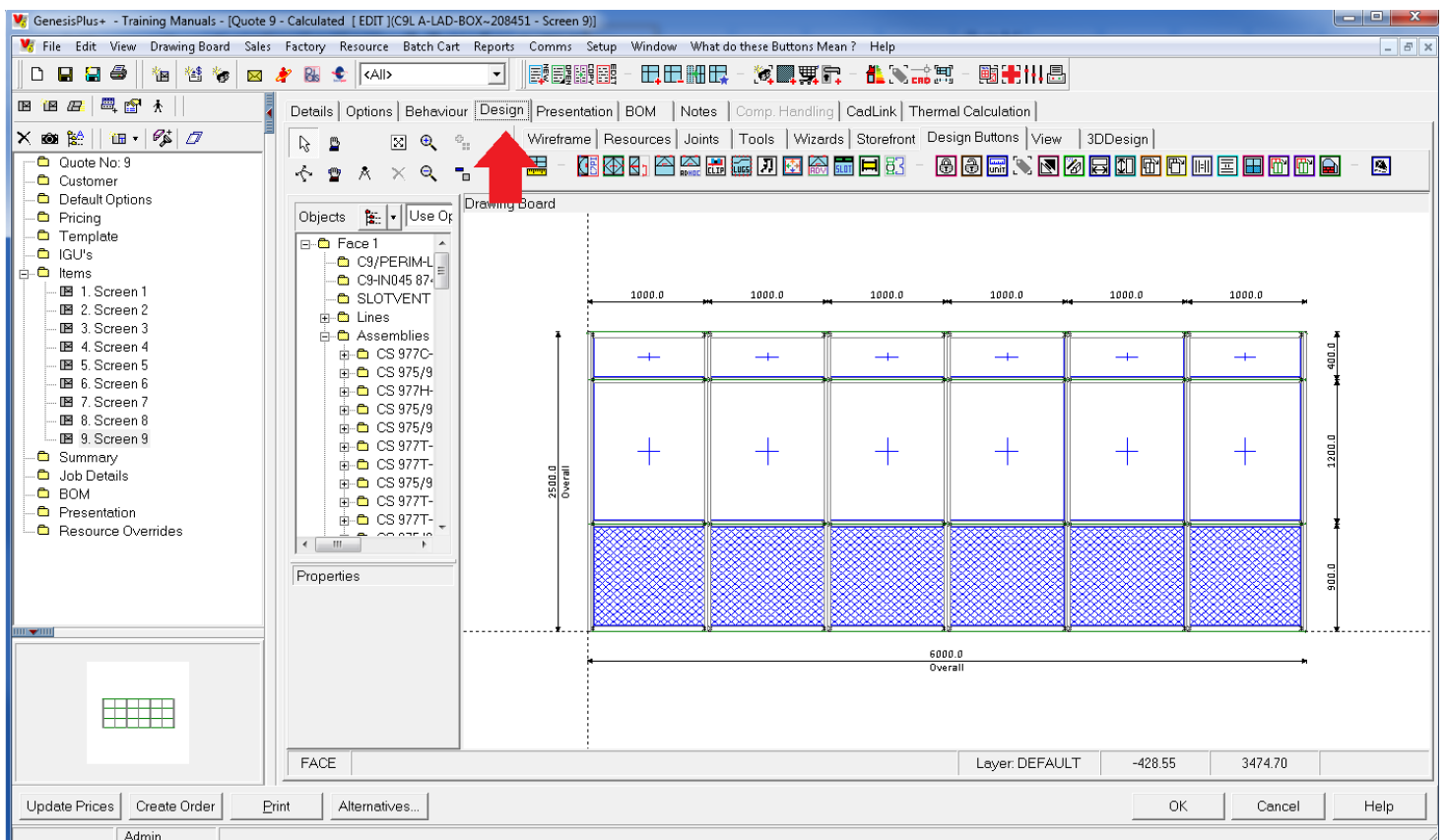
THIS HAS CREATED A NEW FRAME IN THE ITEMS FIELD.



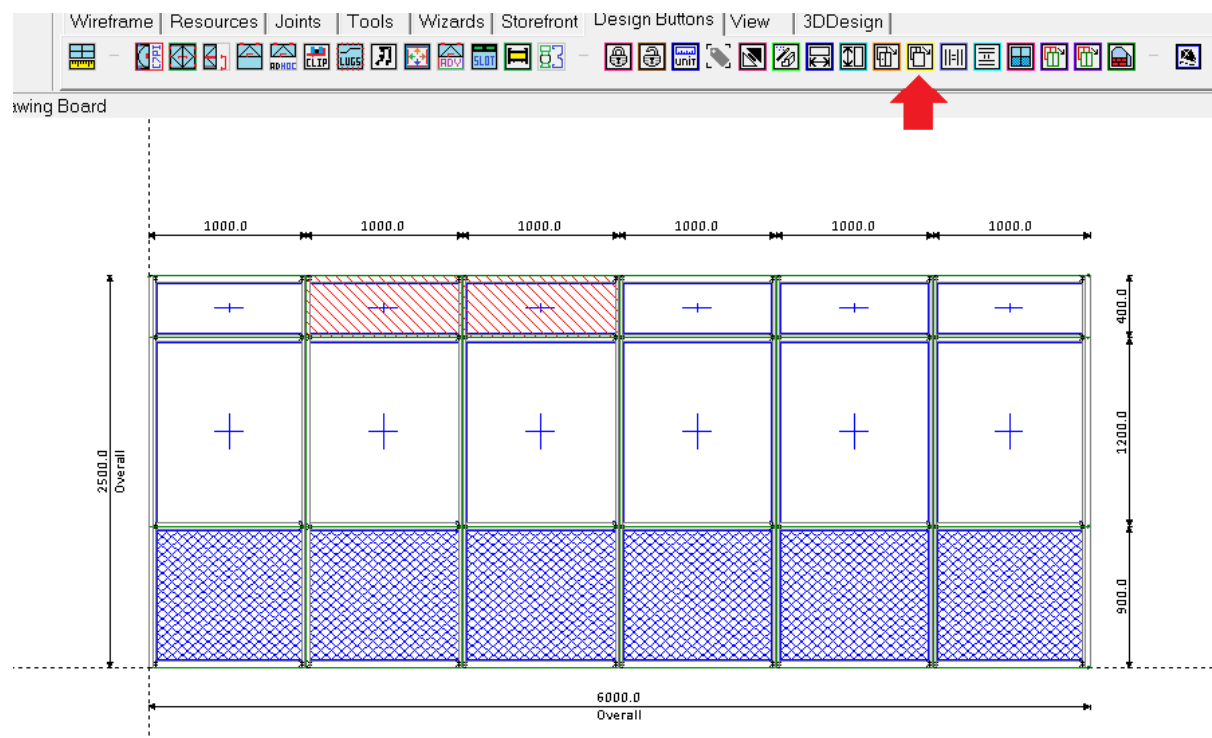
WE CAN RENAME THE COPIED FRAME BY HIGHLIGHTING THE FRAME, THEN GO TO DETAILS ALONG THE TOP AND THEN RENAME THE DESCRIPTION TO BE SCREEN 9



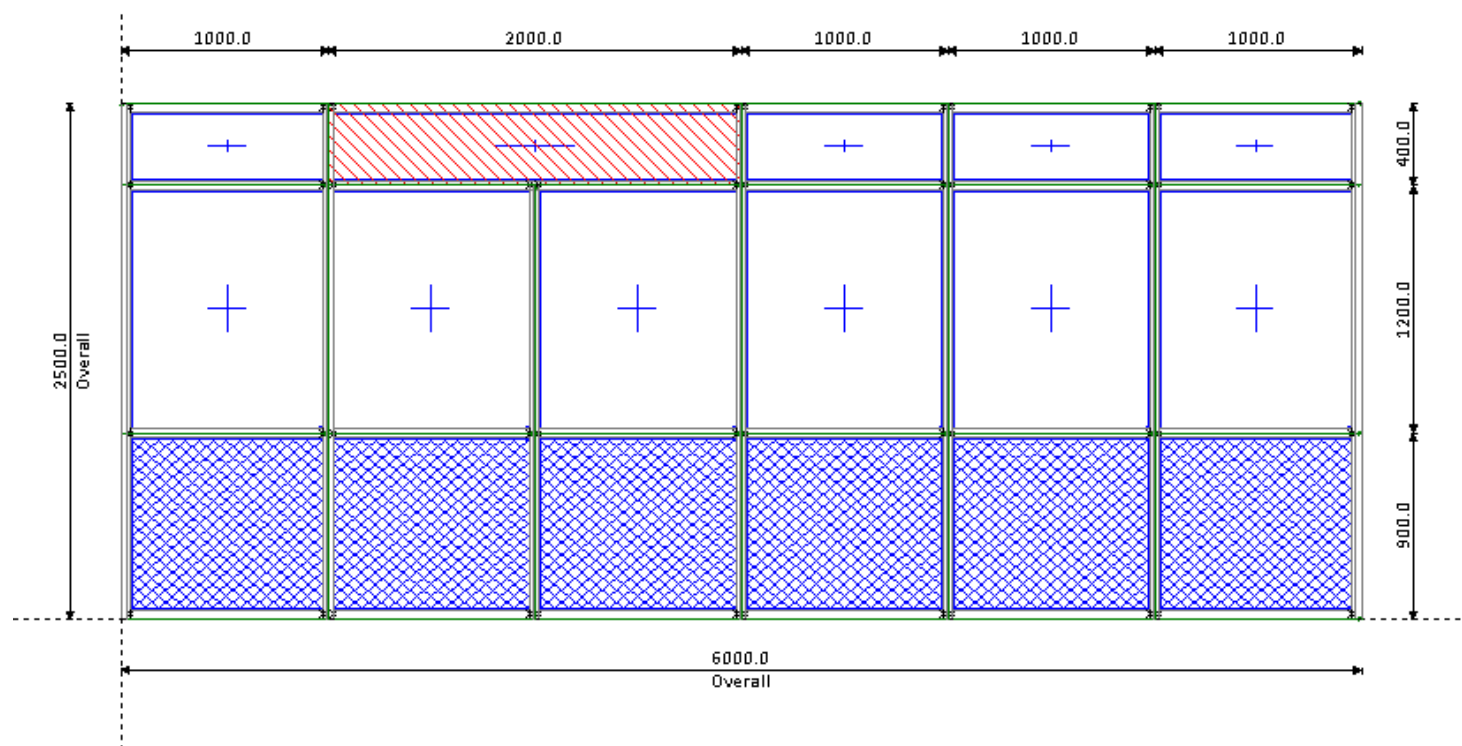
AFTER THAT GO INTO THE DESIGN SCREEN



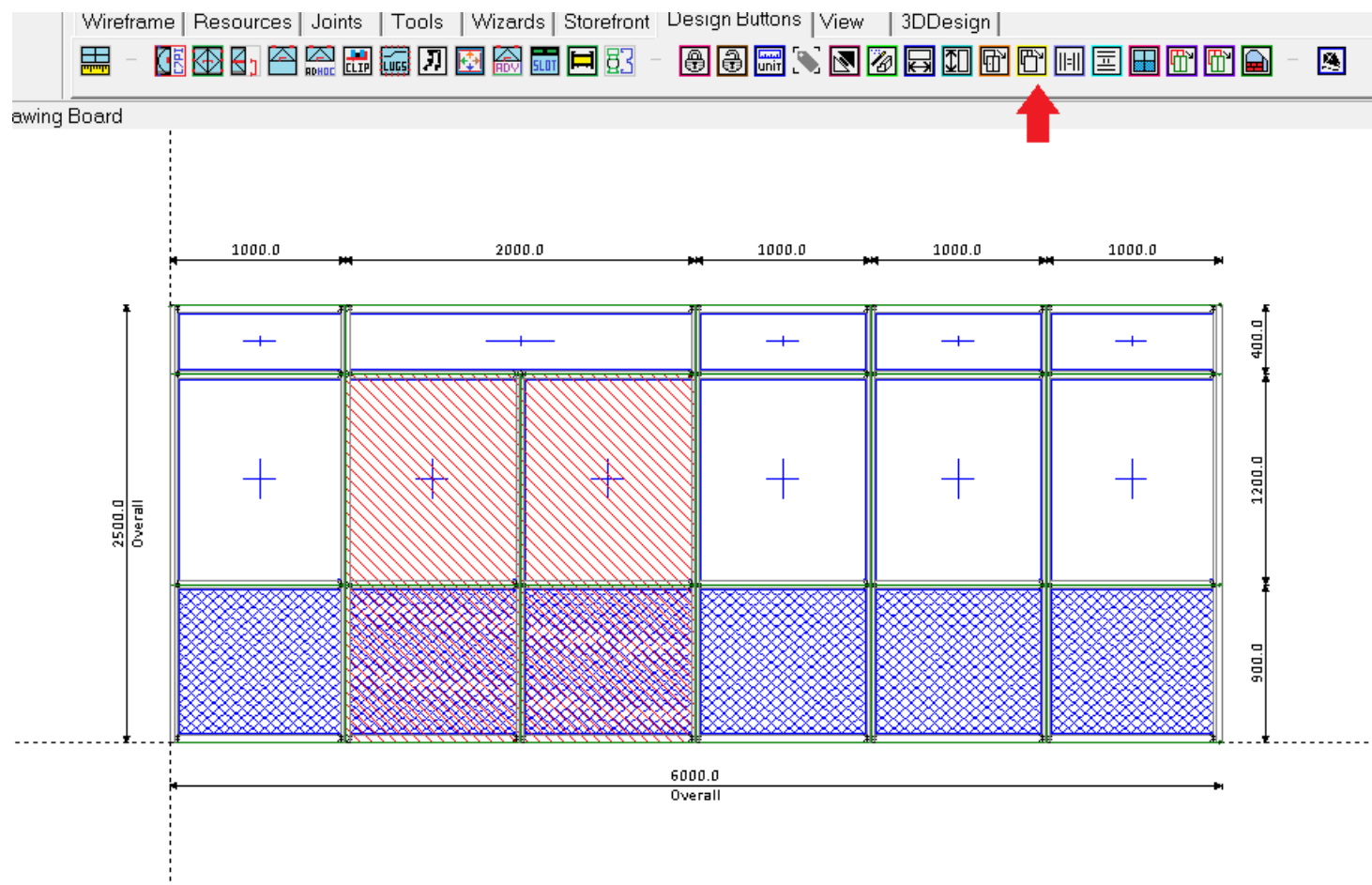
USING YOUR MOUSE AND SHIFT KEY HIGHLIGHT THE TWO LIGHTS TOGETHER AS SHOWN AND THEN CLICK ONTO THE YELLOW “MERGE LIGHT” BUTTON AS SHOWN



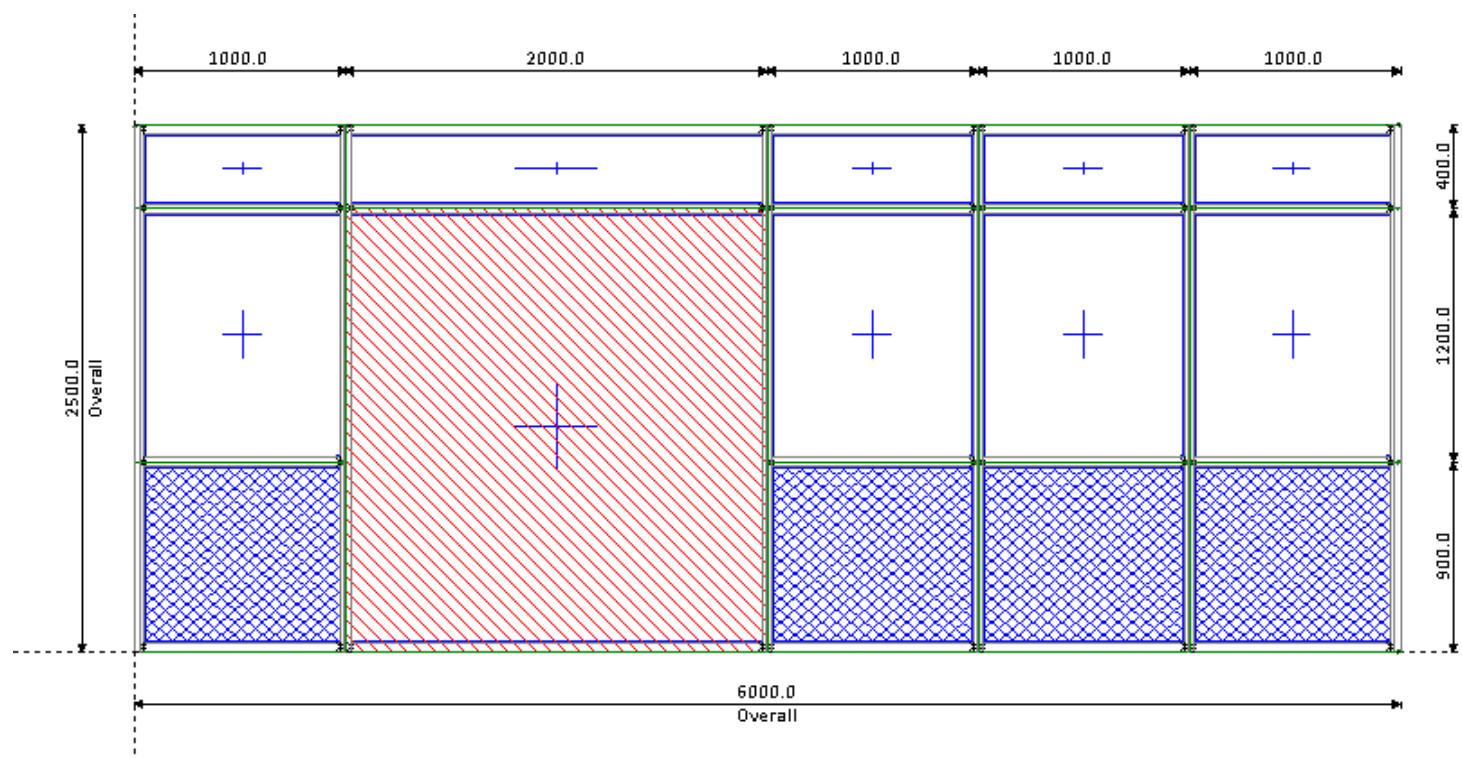
WE NOW HAVE A LARGE LIGHT ON THE TOP RIGHT



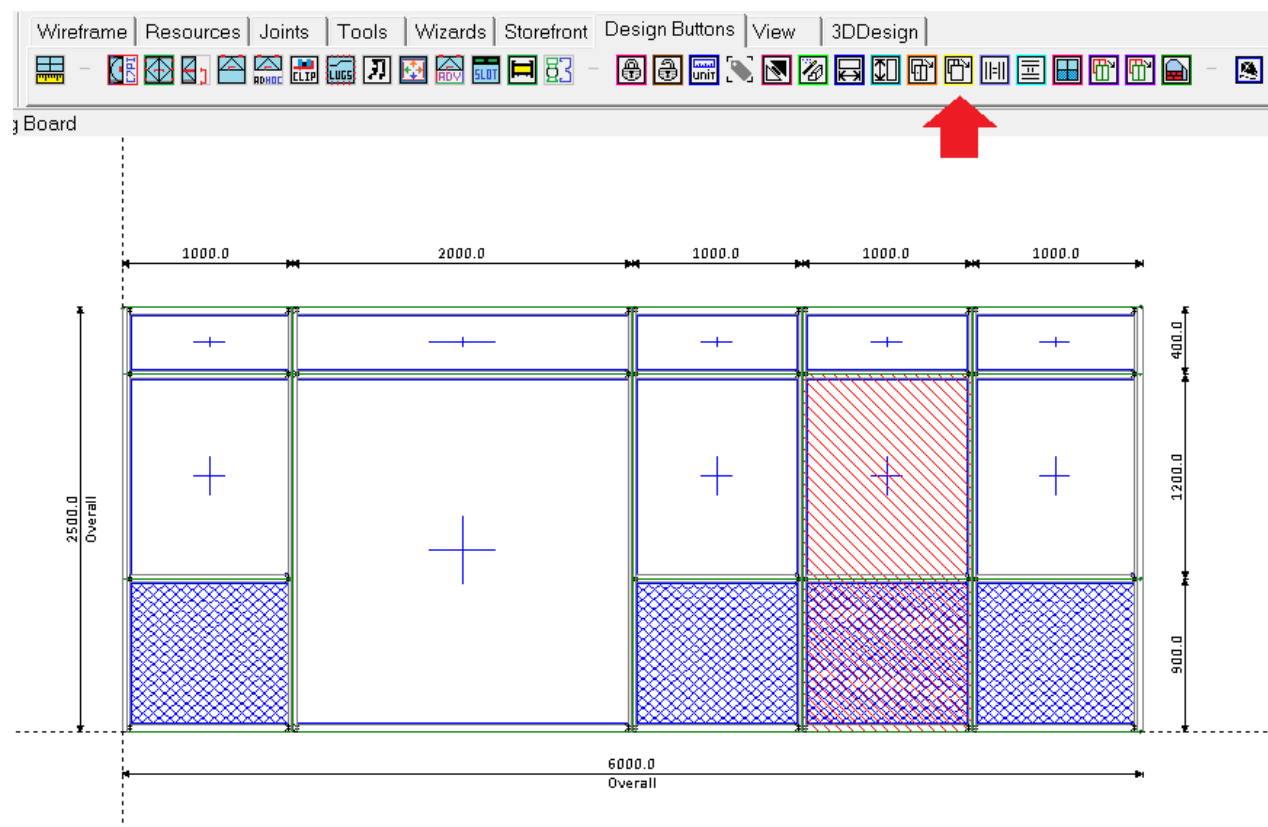
USING YOUR MOUSE AND SHIFT KEY HIGHLIGHT THE NEXT FOUR LIGHTS TOGETHER AS SHOWN AND THEN CLICK ONTO THE YELLOW “MERGE LIGHT” BUTTON AS SHOWN



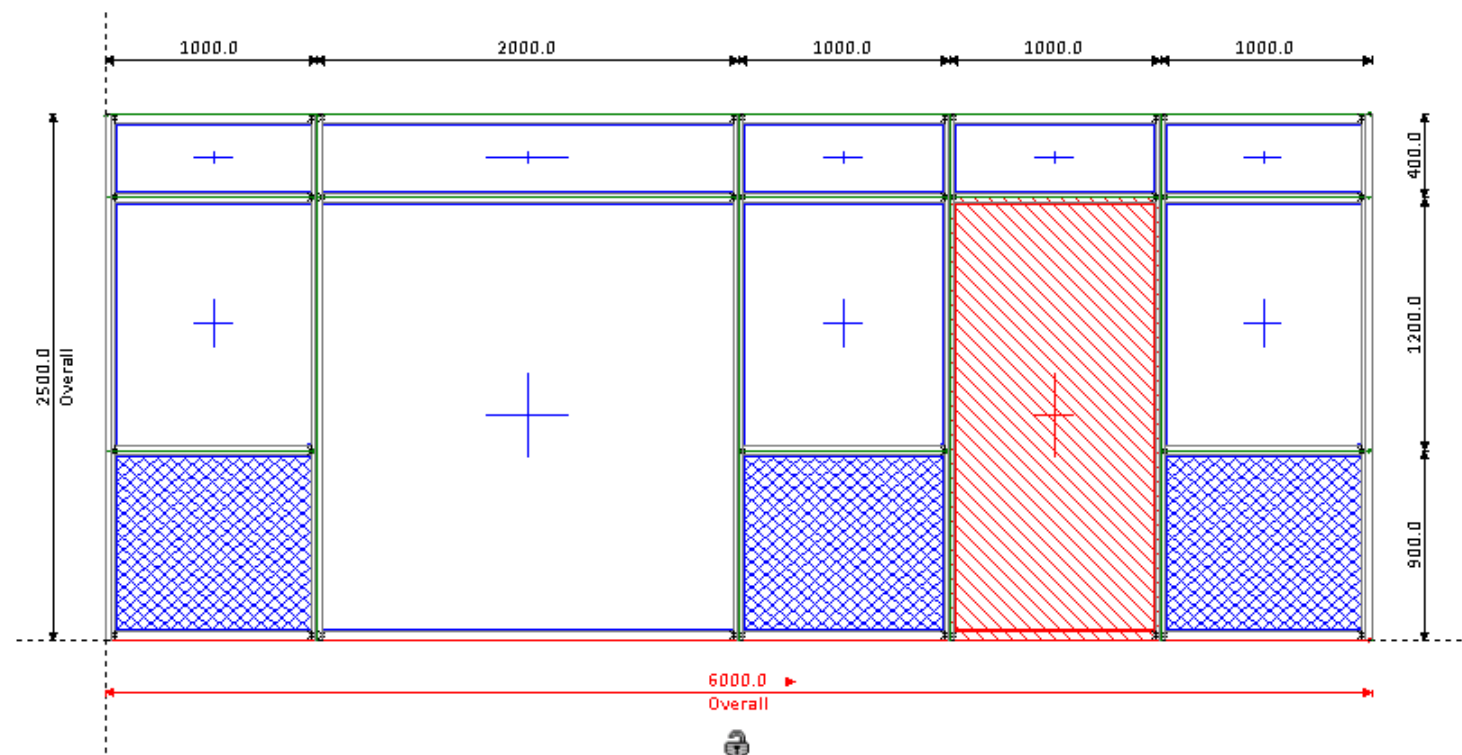
WE NOW HAVE A LARGE LIGHT IN THE MIDDLE



USING YOUR MOUSE AND SHIFT KEY HIGHLIGHT THE NEXT TWO LIGHTS TOGETHER AS SHOWN AND THEN CLICK ONTO THE YELLOW "MERGE LIGHT" BUTTON AS SHOWN

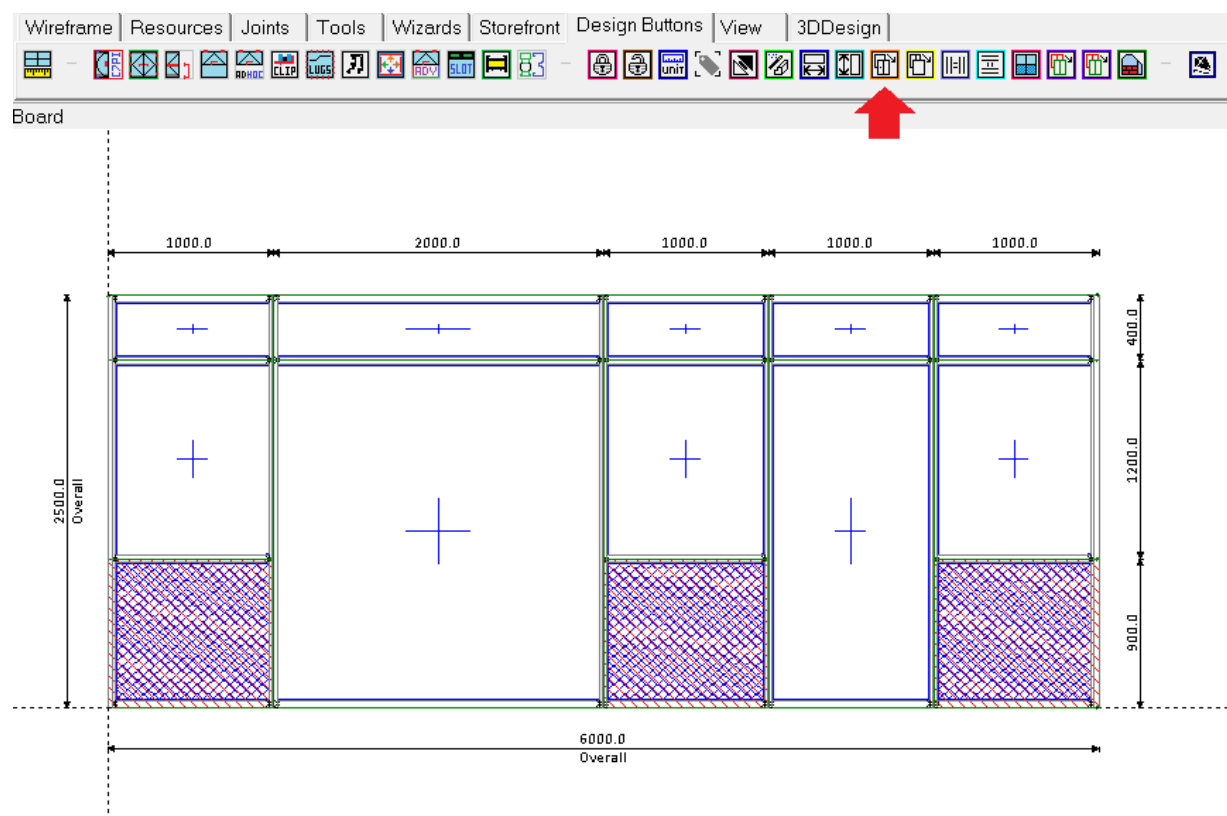


WE NOW HAVE A LARGE LIGHT IN THE MIDDLE RIGHT

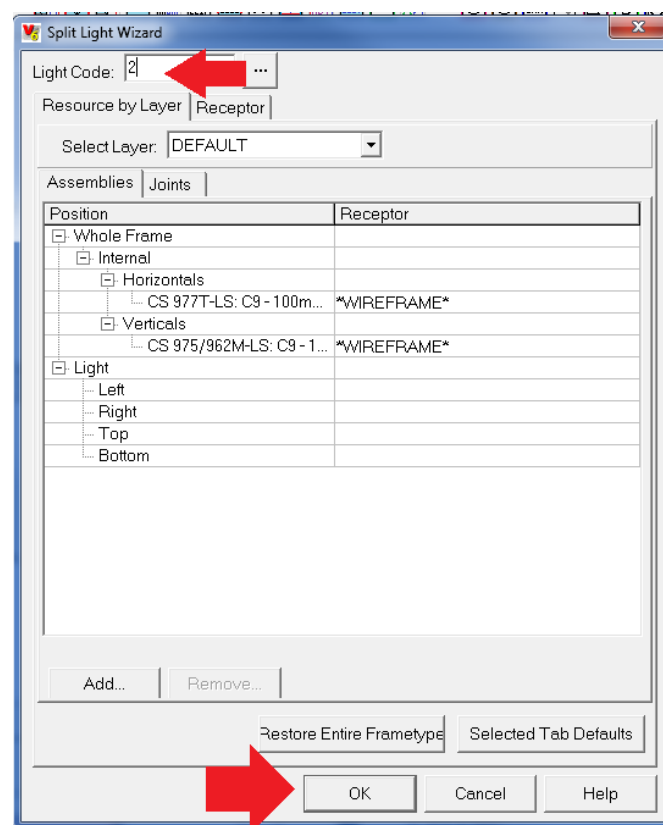


WE WILL NOW USE ANOTHER COMMAND THAT WE HAVENT USED BEFORE AND THAT IS THE OPPOSITE OF MERGE. IN THIS FRAME WE WILL BE SPLITTING THREE LIGHTS EACH INTO A LIGHTCODE OF 2

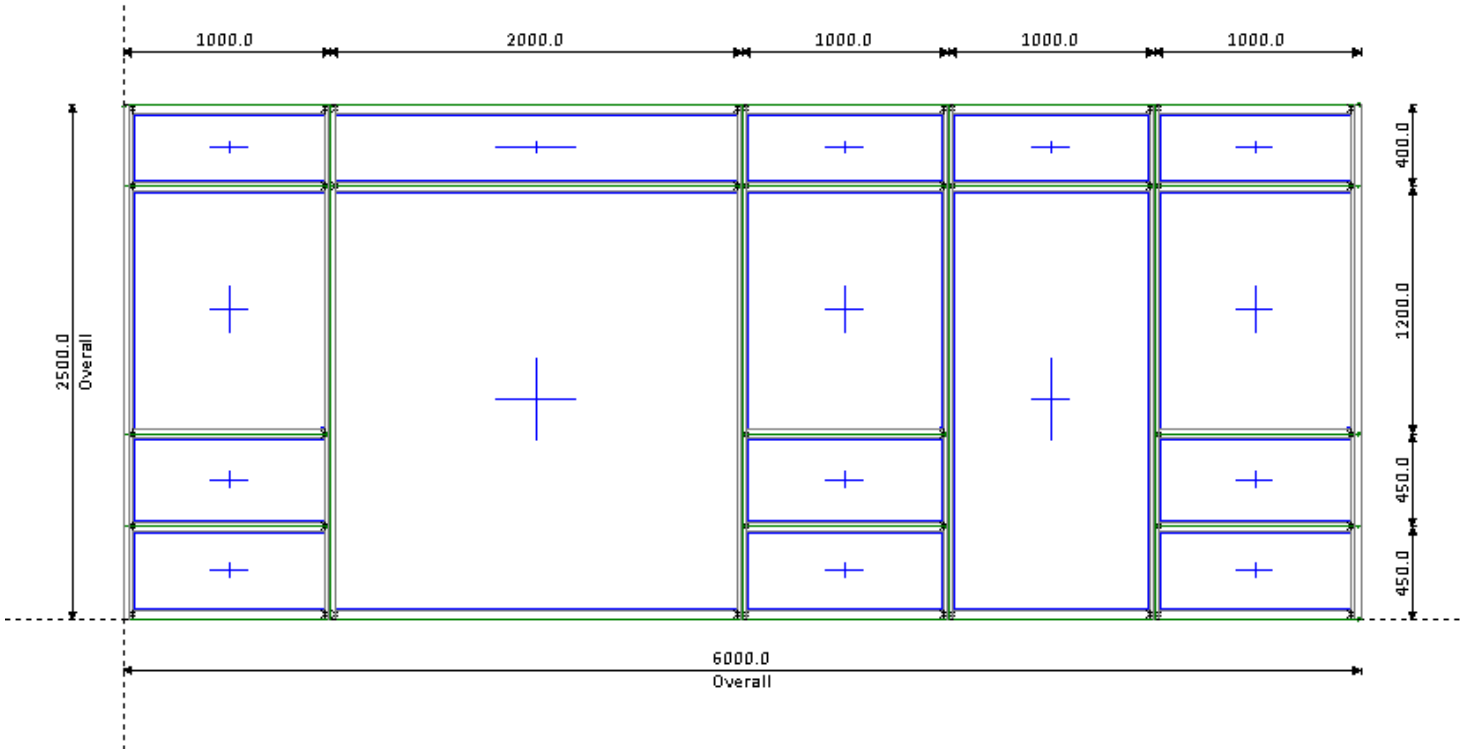
HIGHLIGHT TE THREE LIGHTS AS SHOWN BELOW AND THEN CLICK ONTO THE SPLIT LIGHT BUTTON



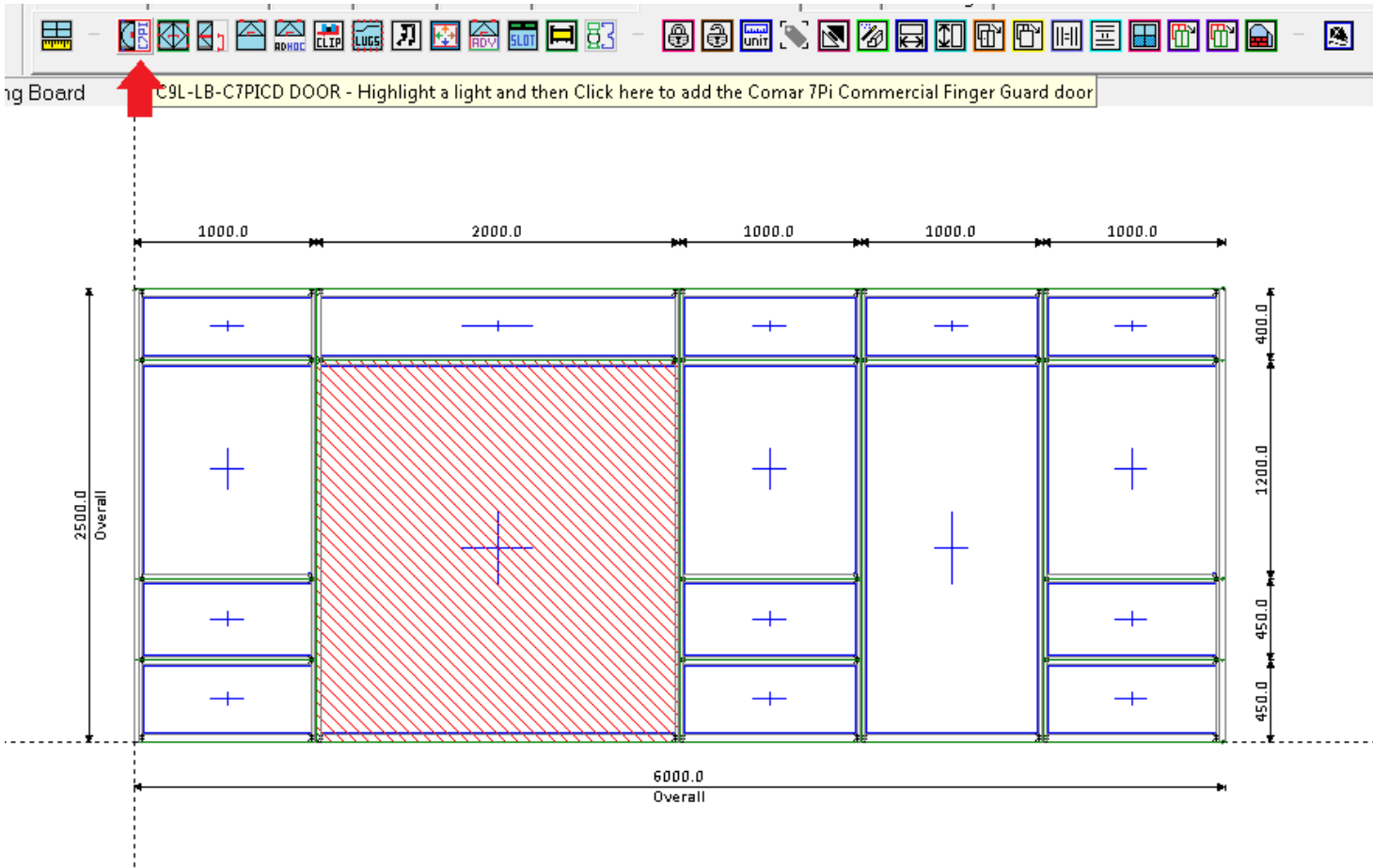
WHEN THE BELOW SCREEN COMES UP. TYPE IN 2 TO THE LIGHTCODE FIELD AND THEN CLICK OK



THE SCREEN WILL NOW LOOK LIKE THE BELOW. YOU WILL NOTICE THAT THE PANELS DISAPPEAR AND WE WILL ADD THESE BACK IN LATER



WE WANT TO ADD A DOUBLE DOOR INTO THE LARGER SCREEN. HIGHLIGHT THIS AND THEN CLICK ON THE DOOR BUTTON



CHOOSE THE DOUBLE DOOR + MIDRAIL AND THEN CLICK OK

AXIM
ARCHITECTURAL HARDWARE

Recommended Transom Closer Sizes (based on width of each single Leaf)

**Below 750mm
Use Size 1**

**751 to 950mm
Use Size 2**

**950 to 1150mm
Use Size 3**

Please revise the Transom Closer option as needed.

Genesis will not automatically change these.

Header Bar: CS 993/992-TRANSOM(Glaze)
Threshold: CS 915-SVR-Poly D/Ramp
Handles: HD090 - 230mm Pad Handles
Locks: 1 Hook Lock
Transom Closer: Size 2 - No Hold Open
Letterplate: No Letterplate
TopRail: CS777 - 59mm
BottomRail: CS778 - 81.5mm
Midrail: CS783 - 110mm Midrail
Door Leaf Finish: As Frame Finish

OK Cancel

TYPE 900 INTO THE FOLLOWING MIDRAIL BOX WHEN IT APPEARS

Enter Mid Rail height from Floor level

900

OK Cancel

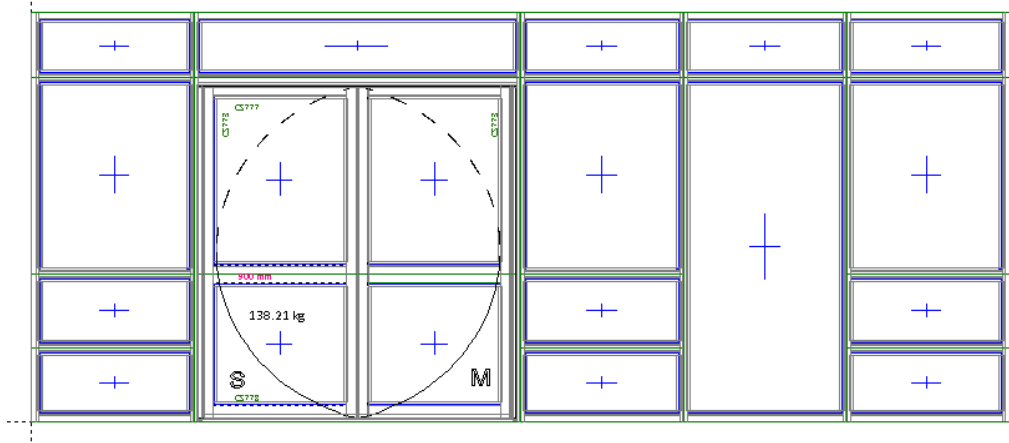
WHEN THE FOLLOWING COMES UP JUST IGNORE IT AND CLICK OK. CHANGING THIS WILL OFFSET THE DOUBLE DOOR LEAF

Enter Master Leaf Width

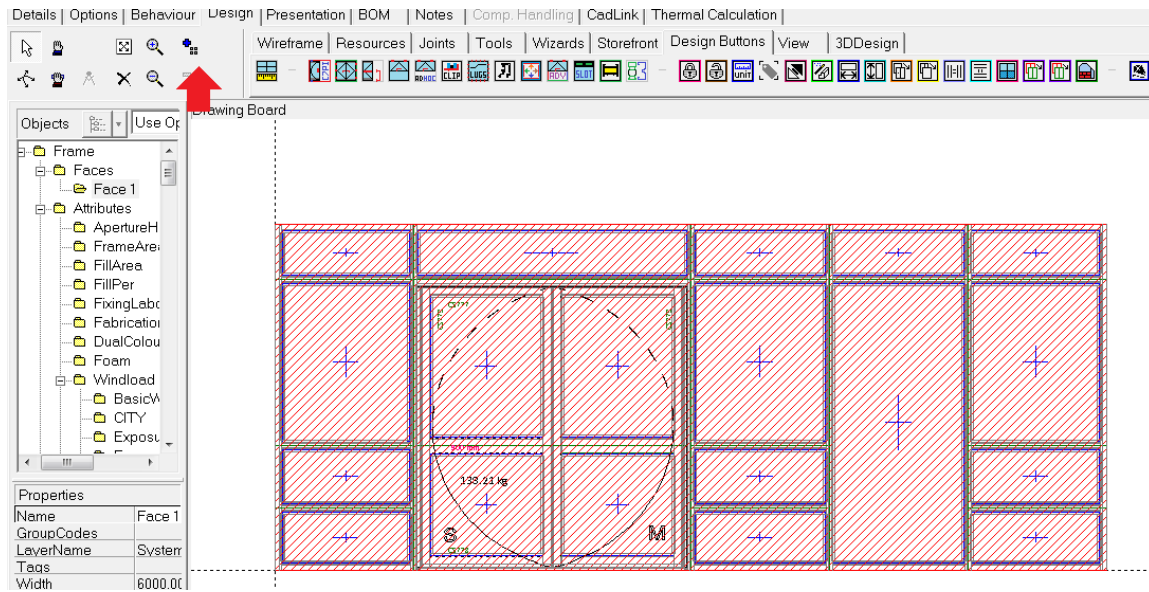
869.5

OK Cancel

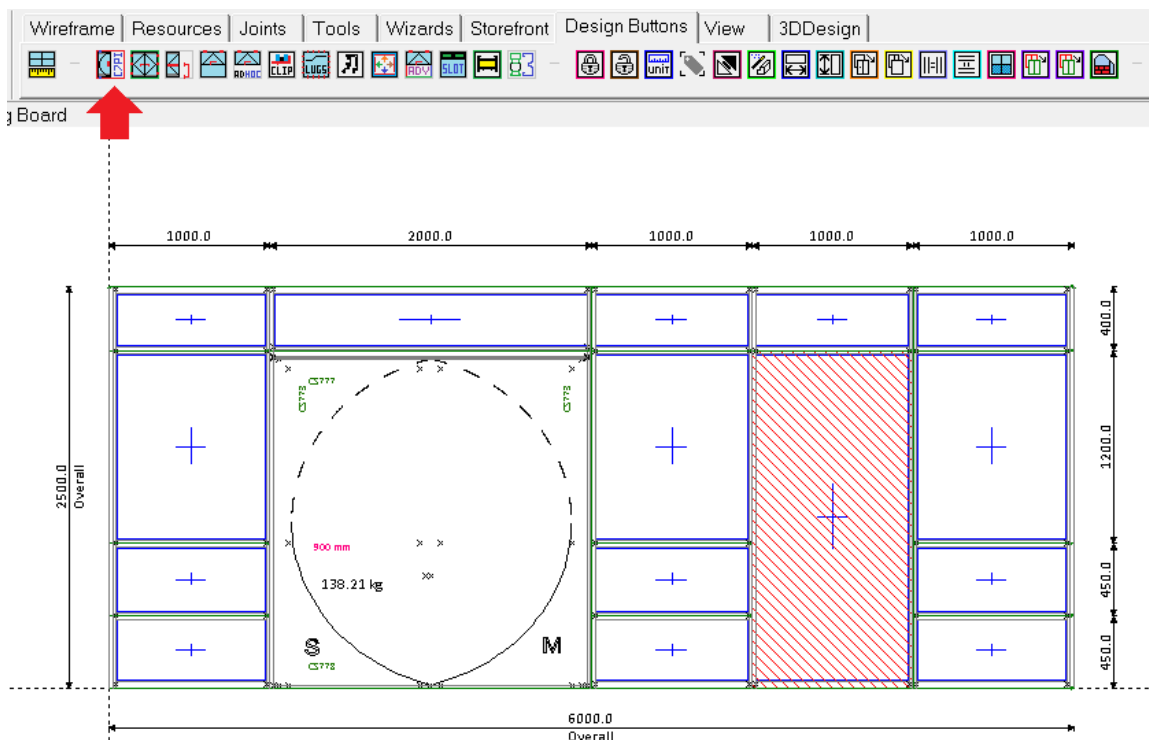
YOUR SCREEN NOW LOOKS LIKE THIS



NOW HIGHLIGHT THE FRAME AND CLICK ZOOMINTO

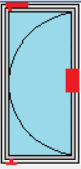


NOW HIGHLIGHT THE SMALLER DOOR LIGHT AND THEN CLICK ONTO THE DOOR BUTTON

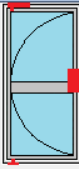


CHOOSE THE RH SINGLE + MID OPTION AND CLICK OK.

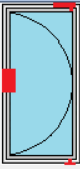
C7Pi Commercial Finger Guard Door - Release 17 - 2017



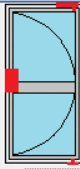
☐ LH - Single
☐ LH - Security - Pas 24
☐ LH - Panic




☐ LH - Single + Mid
☐ LH - Security - Pas 24
☐ LH - Panic + Mid



☐ RH - Single
☐ RH - Security - Pas 24
☐ RH - Panic



☒ RH - Single + Mid
☐ RH - Security - Pas 24
☐ RH - Panic + Mid



Recommended Transom Closer Sizes (based on width of each single Leaf)

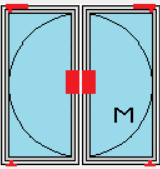
**Below 750mm
Use Size 1**

**751 to 950mm
Use Size 2**

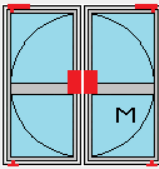
**950 to 1150mm
Use Size 3**

Please revise the Transom Closer option as needed.

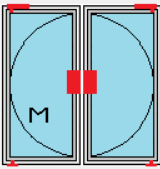
Genesis will not automatically change these.



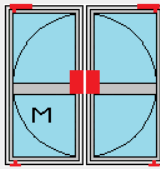
☐ Double
☐ DBL Security - Pas 24
☐ Double - Panic



☐ Double + Mid
☐ DBL Security - Pas 24
☐ Double - Panic + Mid



☐ Double
☐ DBL Security - Pas 24
☐ Double - Panic



☐ Double + Mid
☐ DBL Security - Pas 24
☐ Double - Panic + Mid

Header Bar: Threshold:

Handles:

Locks:


Transom Closer: Letterplate:

TopRail:

BottomRail:

Midrail:

Door Leaf Finish:

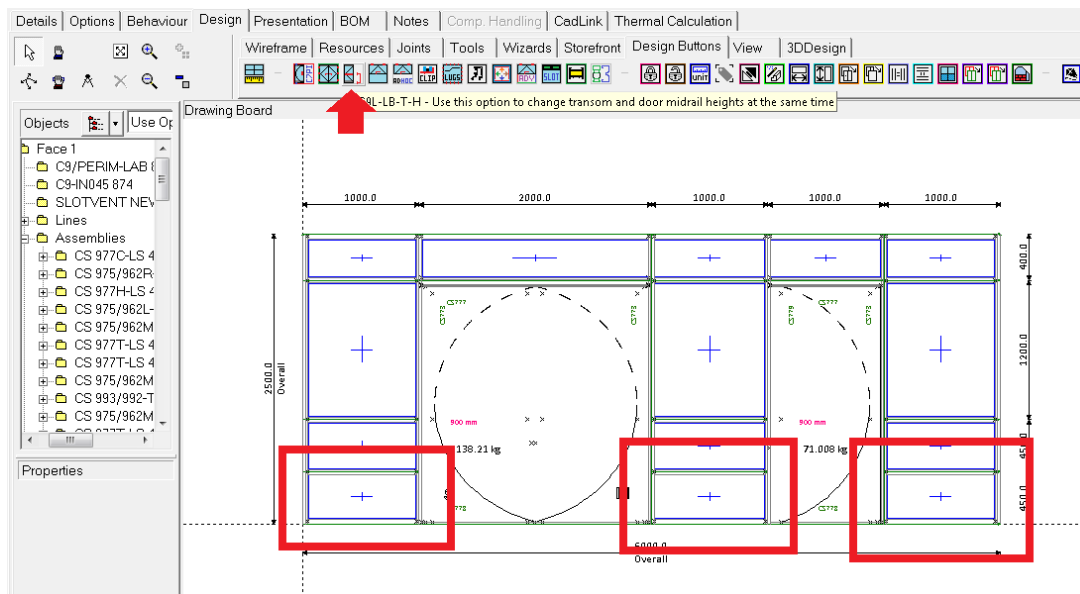


TYPE 900 INTO THE FOLLOWING MIDRAIL BOX WHEN IT APPEARS

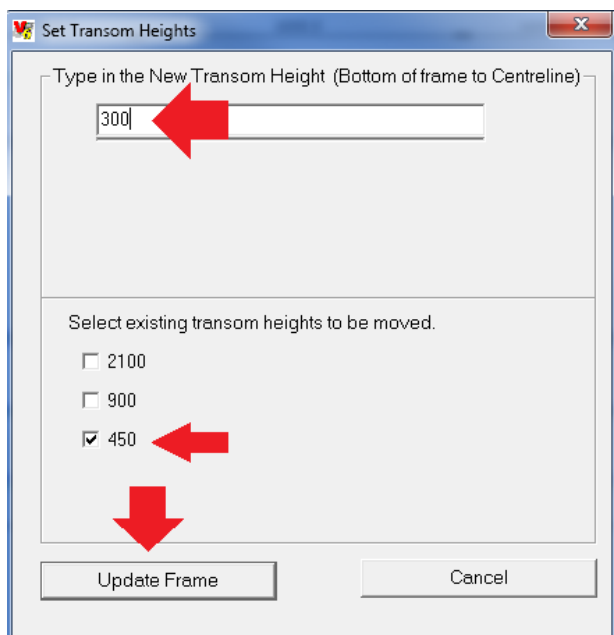
Mid Rail Height

Enter Mid Rail height from Floor level

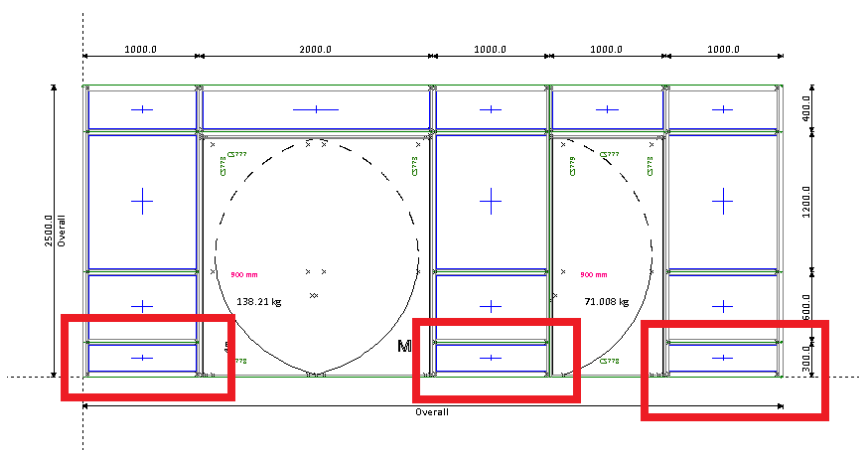
FOR THE NEXT PROCEDURE WE WILL BE MOVING THE FOUR TRANSOMS TOGETHER AS SHOWN, WE CAN USE THE TRANSOM BUTTON THAT WE USED BEFORE. CLICK ONTO IT AS SHOWN



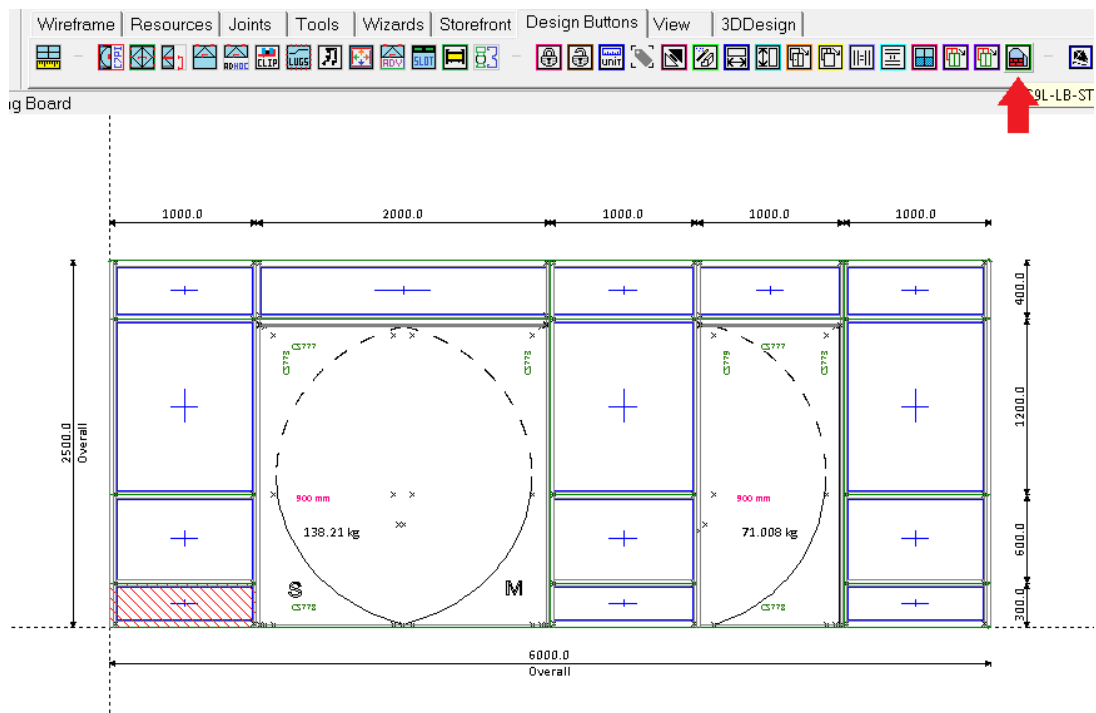
ON THE FOLLOWING BOX TYPE IN 300, TICK THE 450 BOX AND CLICK UPDATE



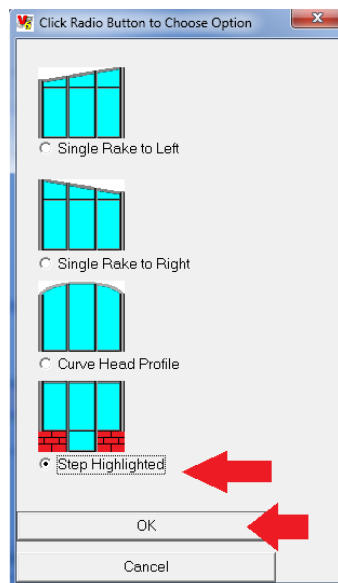
THE SCREEN NOW LOOKS LIKE THIS AND THE BOTTOM TRANSOMS HAVE MOVED



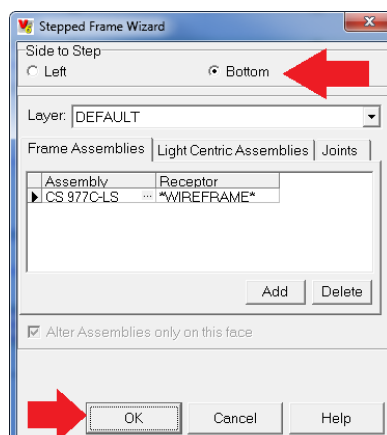
WE ARE NOW GOING TO BE STEPPING THE FRAME ON THESE THREE AREAS. HIGHLIGHT THE FIRST LIGHT AND THEN CLICK ONTO THIS BUTTON AS SHOWN



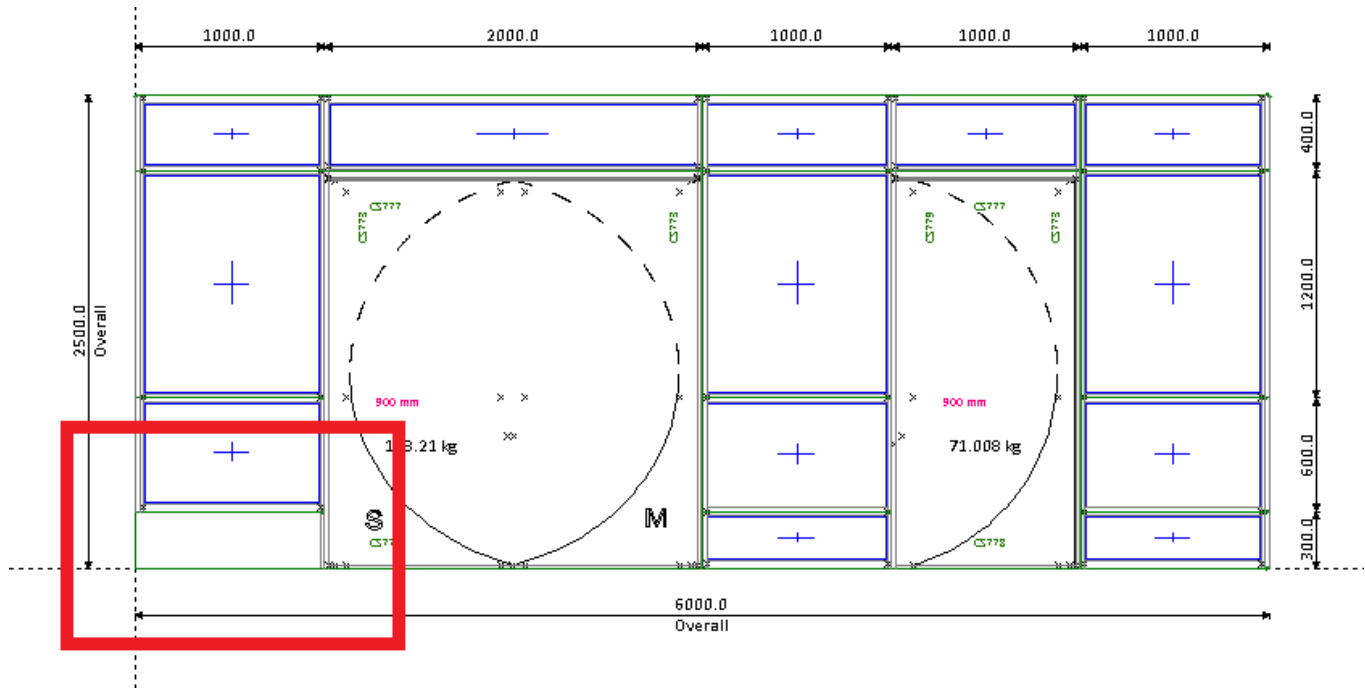
WHEN THE BELOW SCREEN HIGHLIGHT THE SETP HIGHLIGHTED BUTTON AND CLICK OK



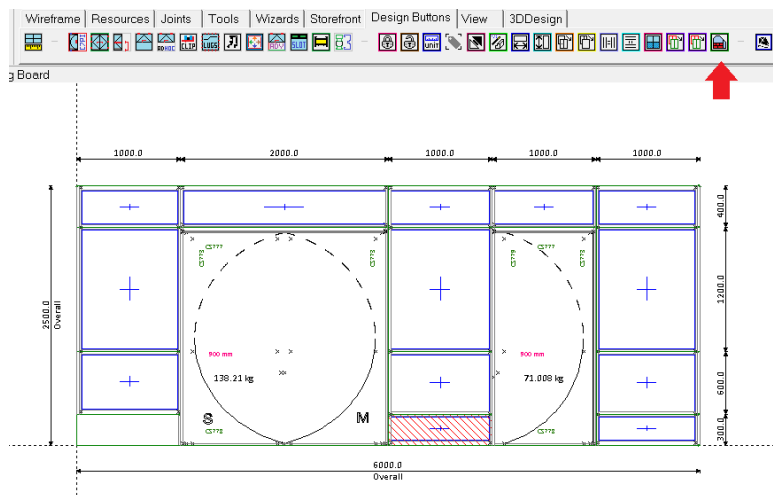
WHEN THE FOLLOWING COMES UP CLICK OK



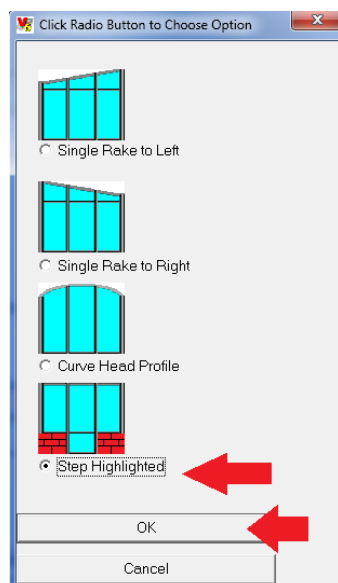
THIS BOTTOM PART OF THE SCREEN WILL NOW BE DELETED



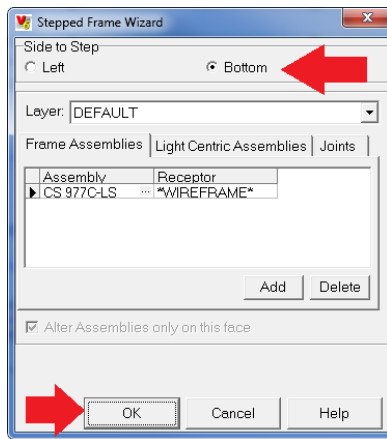
NOW HIGHLIGHT THE SECOND LIGHT AND THEN CLICK ONTO THIS BUTTON AS SHOWN



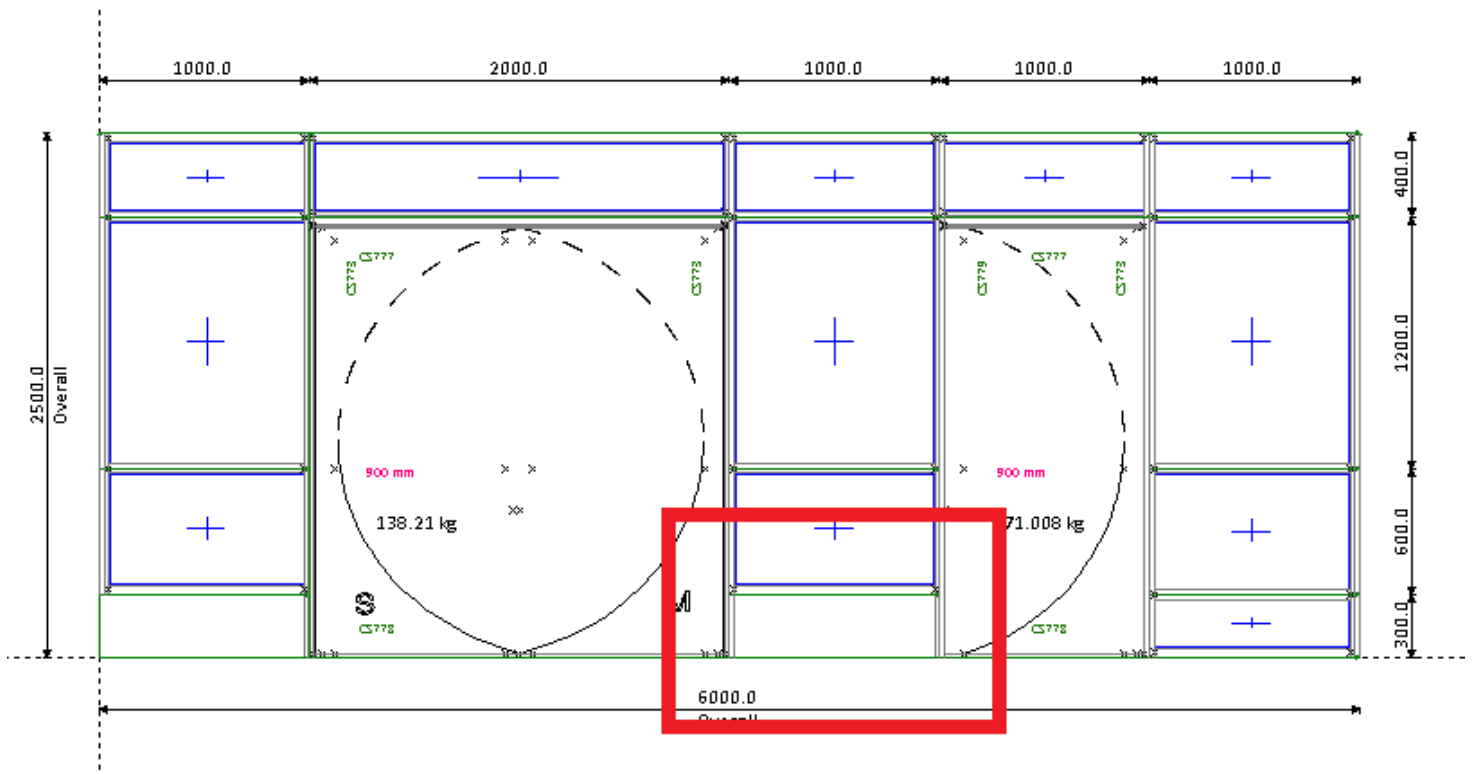
WHEN THE BELOW SCREEN HIGHLIGHT THE SETP HIGHLIGHTED BUTTON AND CLICK OK



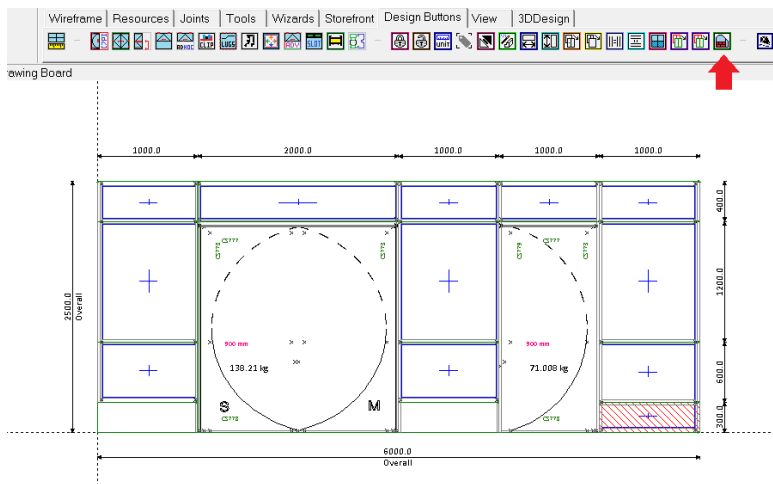
WHEN THE FOLLOWING COMES UP CLICK OK



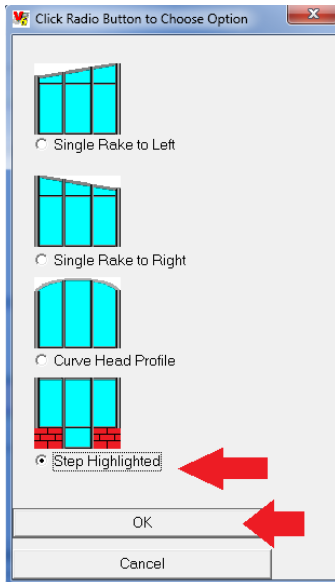
THIS BOTTOM PART OF THE SCREEN WILL NOW BE DELETED



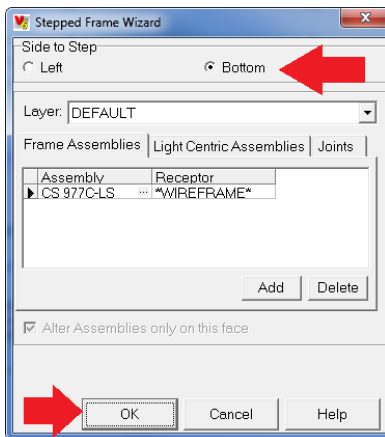
NOW HIGHLIGHT THE THIRD LIGHT AND THEN CLICK ONTO THIS BUTTON AS SHOWN



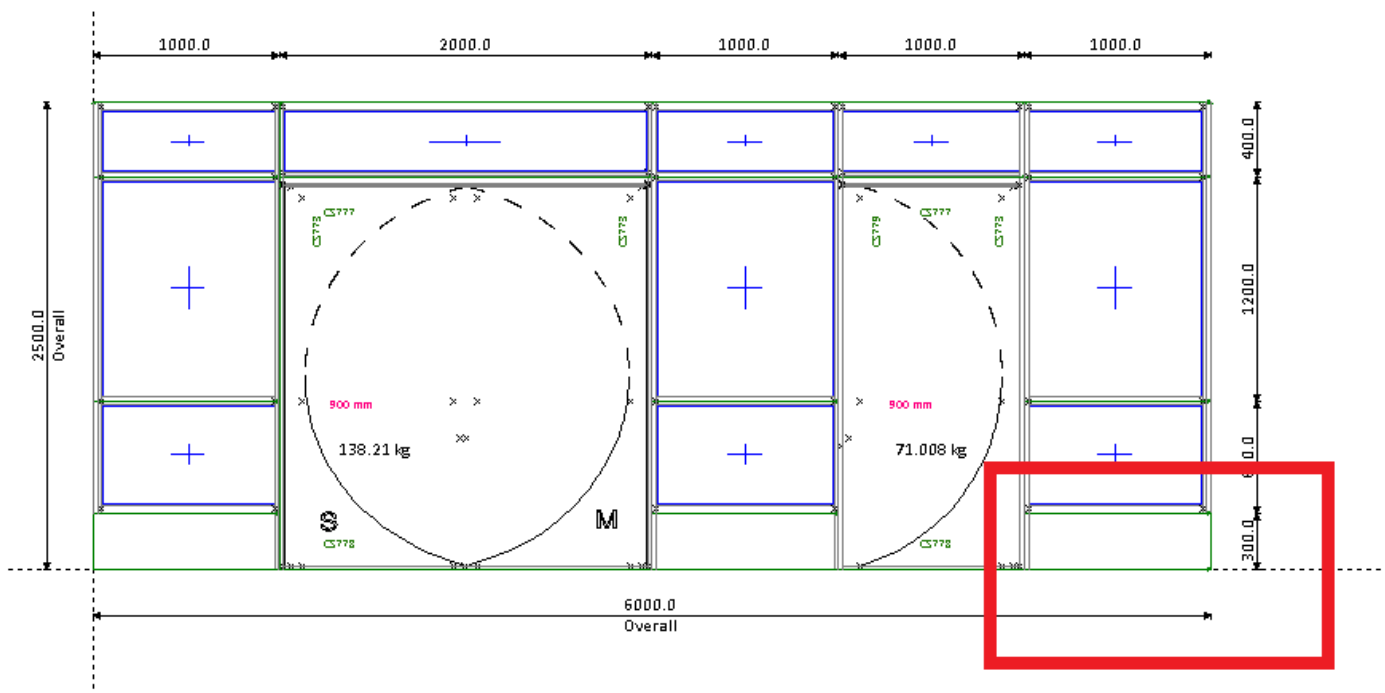
WHEN THE BELOW SCREEN HIGHLIGHT THE SETP HIGHLIGHTED BUTTON AND CLICK OK



WHEN THE FOLLOWING COMES UP CLICK OK



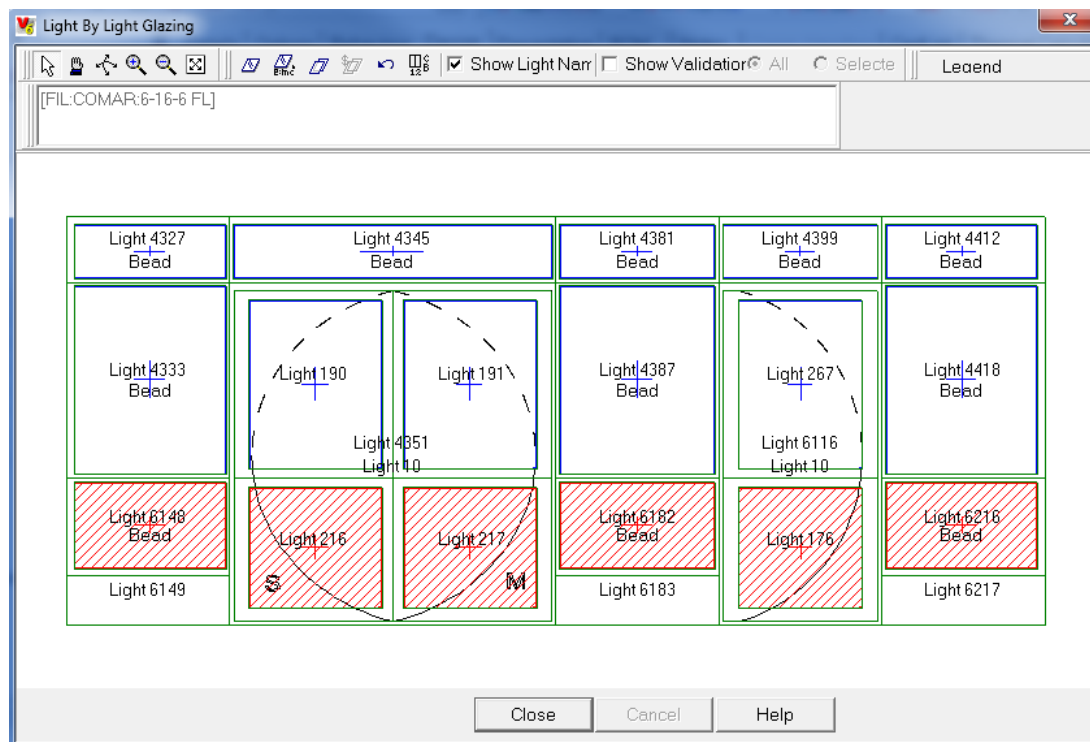
THIS BOTTOM PART OF THE SCREEN WILL NOW BE DELETED



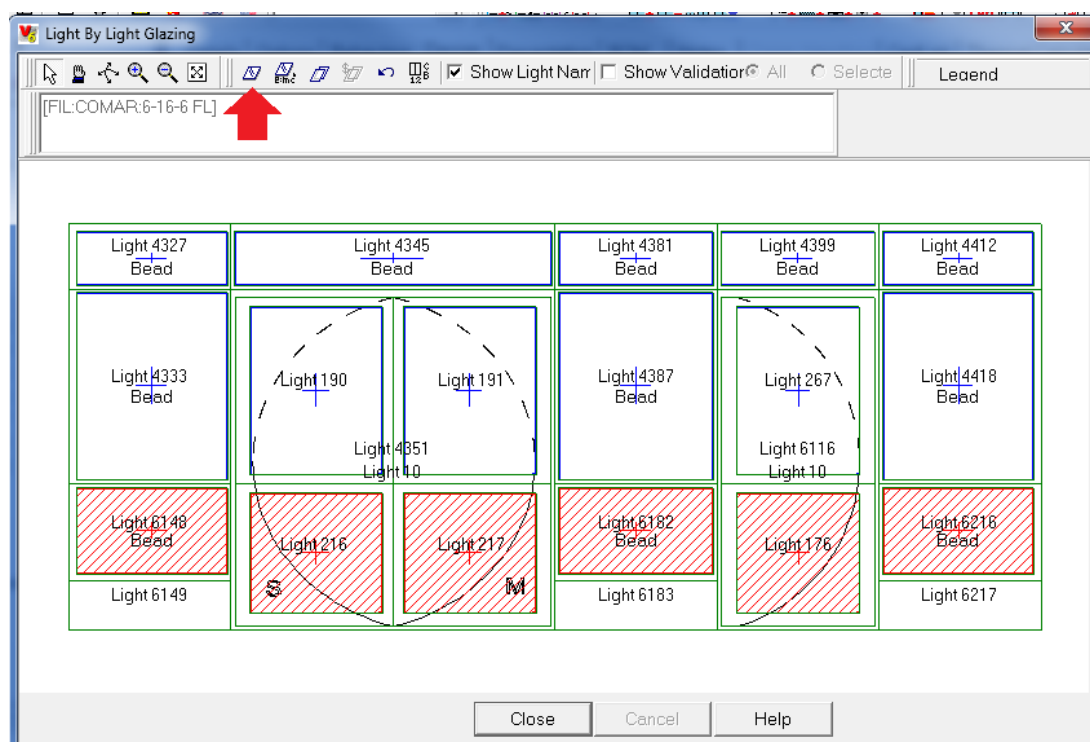
ONE LAST THING THAT WE WANT TO COVER ON BUILDING THIS SCREEN IS CHANGING GLASS TO A PANEL. CLICK ONTO THE LIGHT BY LIGHT GLAZING BUTTON AS SHOWN BELOW.



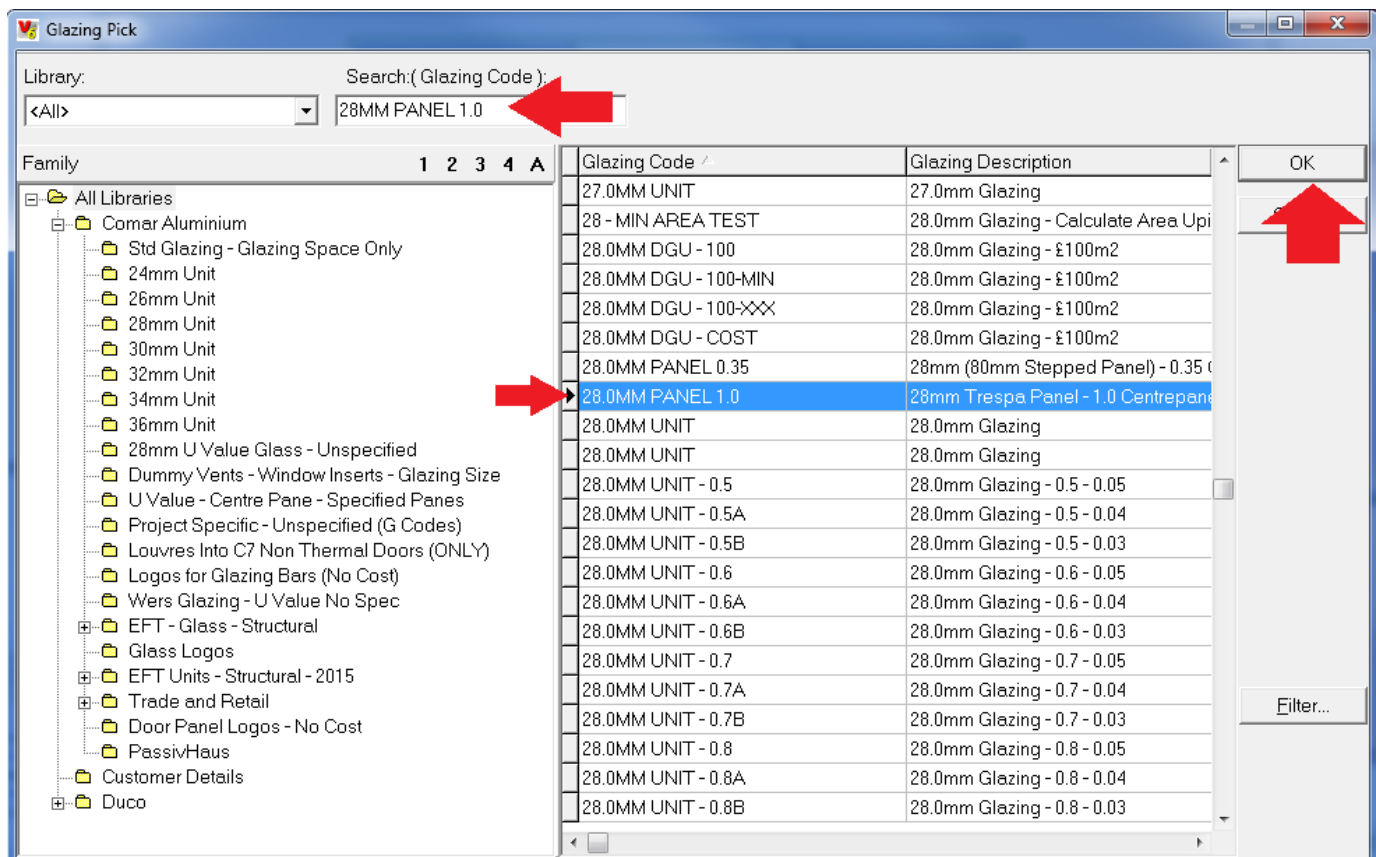
USING YOUR MOUSE AND THE SHIFT KEY ON YOUR KEYBOARD HIGHLIGHT ALL THREE BOTTOM LIGHTS (AS SHOWN)



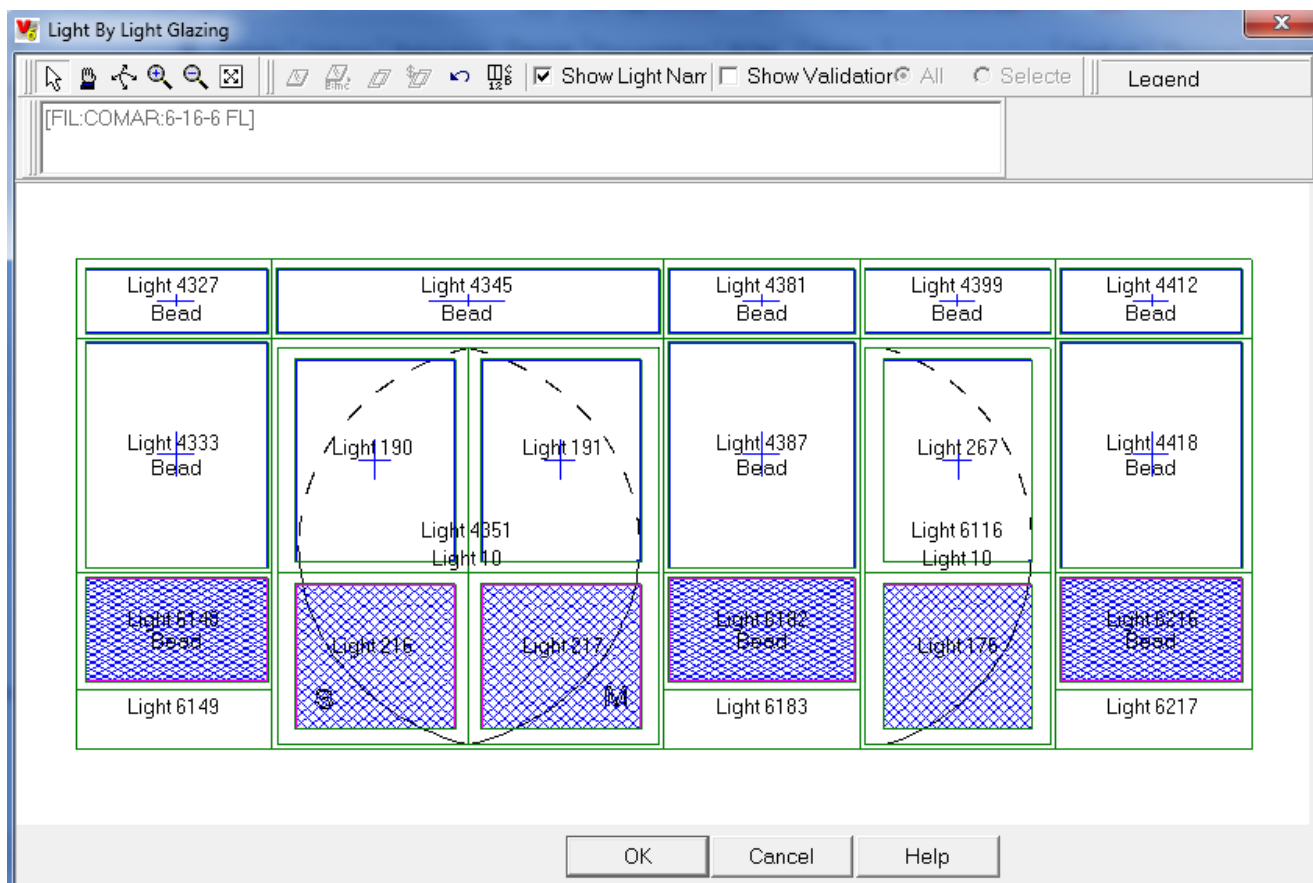
NOW CLICK ONTO THIS BUTTON TO CHANGE THE GLAZING.

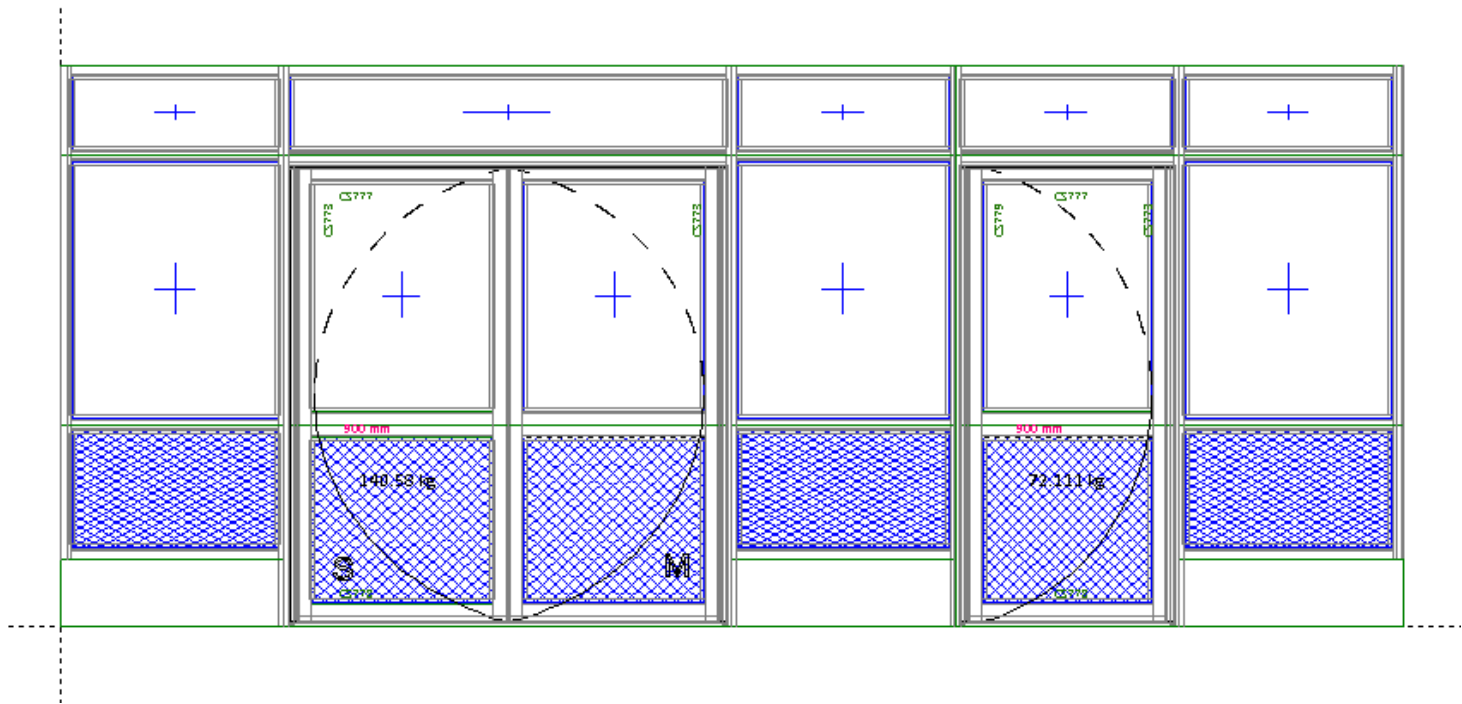


TYPE THE CODE “28MM PANEL 1.0” INTO THE SEARCH (GLAZING CODE) FIELD AND WHEN IT FINDS IT IN THE LIST, HIGHLIGHT IT IN THE LIST AND THEN CLICK OK



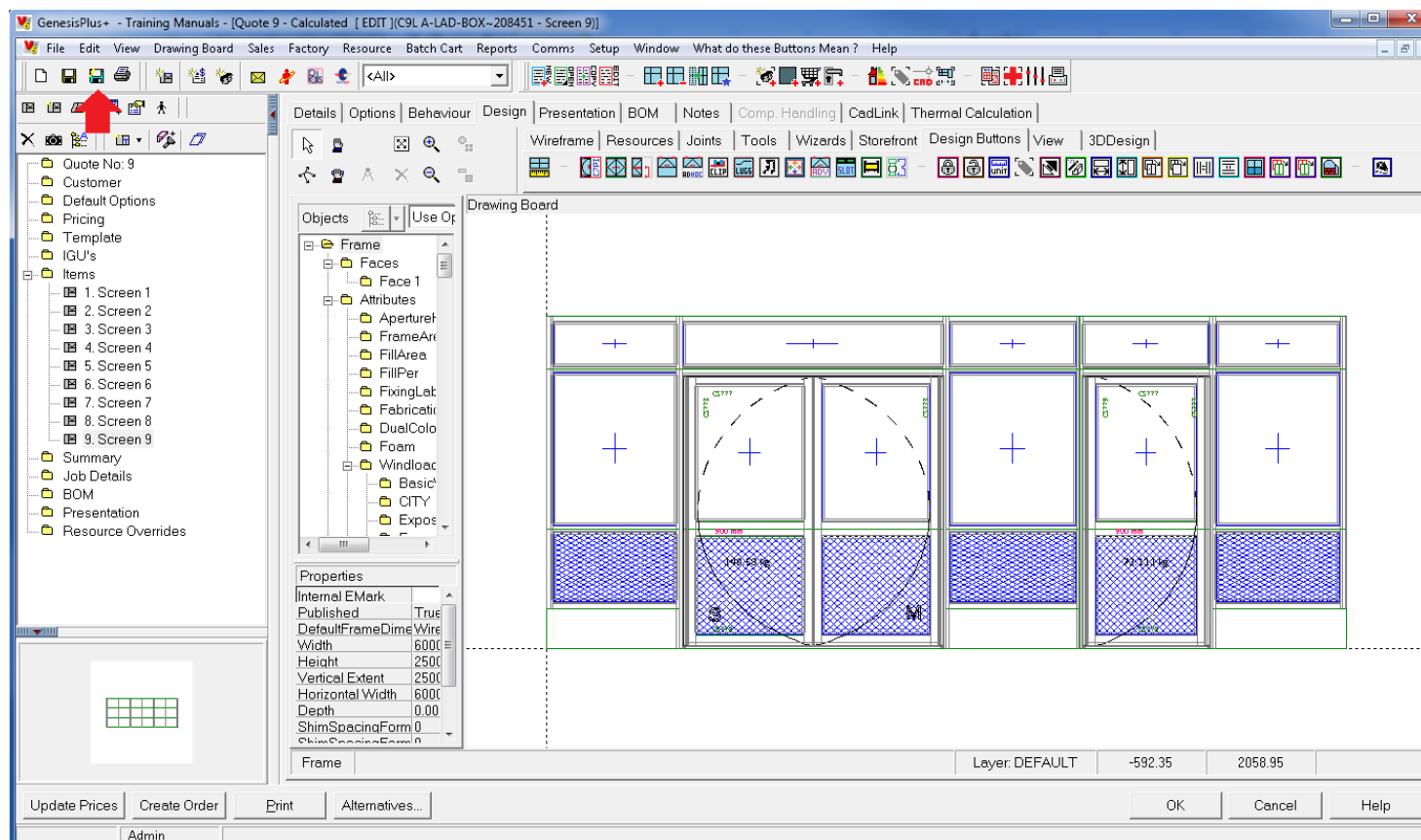
THIS WILL NOW BRING THE OTHER SCREEN BACK AND YOU WILL SEE THAT THERE IS A PANEL LOGO IN THE BOTTOM THREE LIGHTS. CLICK OK WHEN COMPLETE





IT IS ALWAYS A GOOD IDEA TO SAVE THE QUOTE AFTER EACH ITEM HAS BEEN ADDED OR AFTER ADDING A FEW ITEMS, THIS WILL MEAN THAT IF YOUR COMPUTER HAS A PROBLEM OR SHUTS DOWN THEN IT WILL SAVE THE QUOTE AT THE POINT THAT YOU SAVE IT.

CLICK ONTO THIS BUTTON (QUICK SAVE) TO SAVE IT



UNLIKE A LOT OF OTHER PROGRAMS YOU DO NOT HAVE TO CLICK ONTO THE OK BUTTON AT THE BOTTOM TO SAVE IT OR COMPLETE THE CHANGES. THIS OK BUTTON WILL BEING YOU OUT OF THE QUOTE AND SHUT IT DOWN.

IF YOU DO CLICK THIS BUTTON THEN CLICK BACK ONTO THE OPEN QUOTE BUTTON TO OPEN IT BACK UP



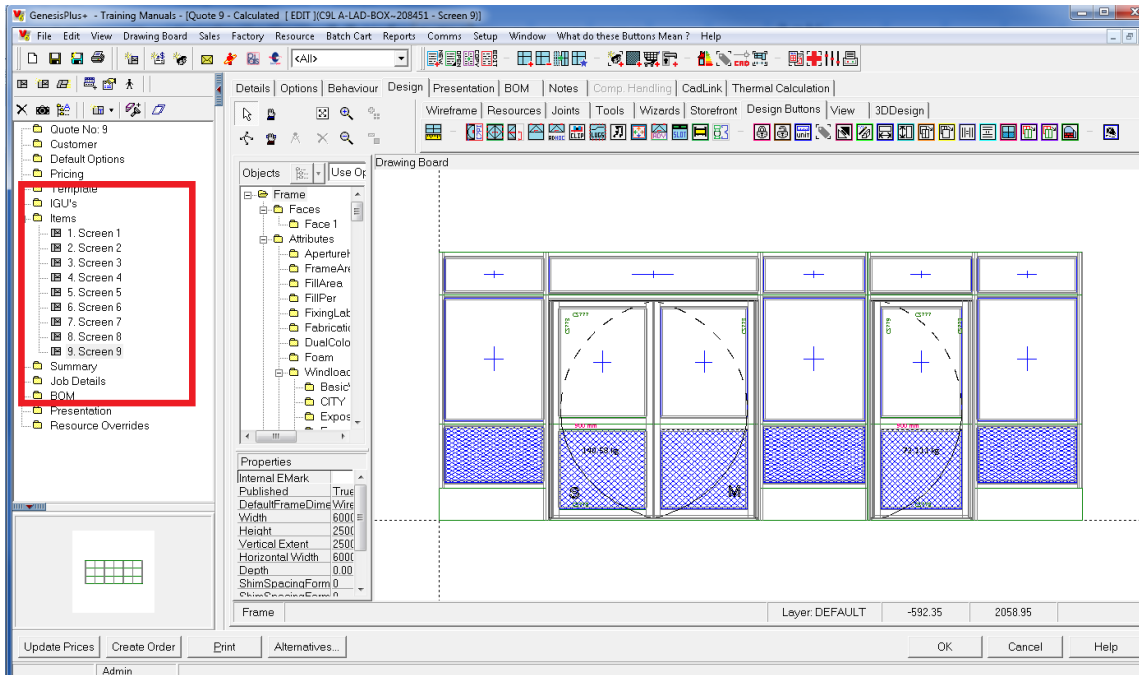
EDIT A QUOTE. THIS WILL OPEN A QUOTE THAT YOU HAVE ALREADY STARTED AND SHUT DOWN



FINALISING THE QUOTE

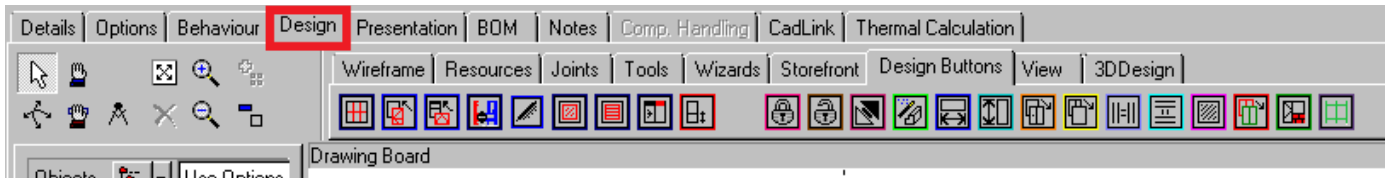
BEFORE WE SHUT THIS DOWN THIS QUOTE LET US HAVE A LOOK AROUND THE OTHER SCREENS IN GENESIS. THIS PROCEDURE OBVIOUSLY DOESNT NEED TO BE PERFORMED ON EVERY QUOTE BUT IT MAY ANSWER SOME OF THE QUESTIONS ON WHAT ELSE CAN BE DONE.

THE LEFT HAND SIDE OF THE SCREEN SHOWS THE 3 ITEMS THAT WE HAVE ALREADY DESIGNED.

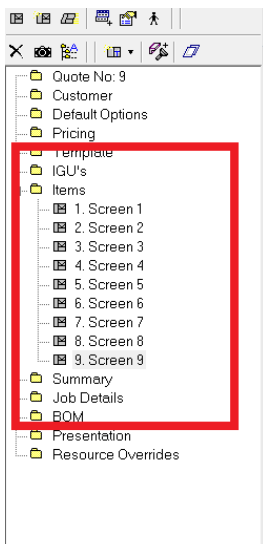


AT PRESENT WE ARE IN THE DESIGN SCREEN, THIS SCREEN ALLOWS US TO SEE THE DESIGN THAT WE HAVE MADE AND MAKE CHANGES ETC. ALONG THE MIDDLE SET OF TOOLBARS AS SHOWN YOU CAN SEE THE DESIGN TAB.

WHILST IN THE DESIGN SCREEN WE CAN CLICK FROM ITEM TO ITEM AND THE DESIGN SCREEN WILL SHOW EACH FRAME AS WE DO SO.



TO DO SO JUST USE YOUR MOUSE TO CLICK THROUGH



ALONG THE MIDDLE SET OF TABS AGAIN, WE CAN CLICK FROM DESIGN SCREEN TO THE DETAILS TAB, THIS SCREENS SHOWS THE DESCRIPTION THAT WE ADDED EARLIER (WHICH CAN BE CHANGED HERE), WE CAN ALSO ADJUST THE FRAME QUANTITY (IF WE HAVE FORGOT TO CHANGE IT WHEN BUILDING THE FRAME). IT ALSO SHOWS A PER ITEM PRICE.

Details Options Behaviour Design Presentation BOM Notes Comp. Handling CadLink Thermal Calculation

Code: C3 A FRAME

Description: Screen 12

Frame Type: SHOP FRONT - Double Glaze Pocket - 2017

Quantity: 1

Status: Estimated

Item Number: 12

Customer Ref:

Stage:

Delivery Date: 29/01/2018

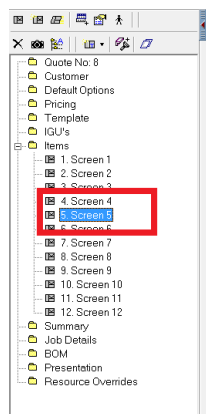
Comments:

☒ Display on Customer Reports

Price Now

Cost Price:	not available
Overhead:	not available 0.00%
Markup:	not available 0.00%
Gross Selling Price:	not available ...
Net Selling Price:	not available

AGAIN WE JUST USE THE YOUR MOUSE TO CLICK THROUGH EACH ITEM



IN THE SAME LINE OF TABS WE CAN CLICK ON BOM (BILL OF MATERIALS) THIS SHOWS THE LIST OF CUT ITEMS AND COMPONENTS THAT HAVE BEEN INCLUDED IN THIS ONE FRAME. CLICK THROUGH THE ITEMS AS SHOWN ABOVE BEFORE.

Details Options Behaviour Design Presentation BOM Notes Comp. Handling CadLink

Part Code	Description	Cut1	Cut2	Finish Colour	Quantity	Length
CS008	Infill Plate Plain	0.0T	0.0T	MILL (MILL)	2	832.5
CS008	Infill Plate Plain	0.0T	0.0T	MILL (MILL)	2	2100.0
CS013	O/Frame - Header Bar	0.0T	0.0T	WHITE (WHITE)	1	832.5
CS015	Double Ramped Threshold	0.0T	0.0T	SILVER (SILVER)	1	832.5
CS016	55mm Door Stile - Woolpile	0.0T	0.0T	WHITE (WHITE)	1	2031.5
CS017	55mm Door Top/Bott Rail	0.0T	0.0T	WHITE (WHITE)	1	682.0
CS018	100mm Door Top/Bott Rail	0.0T	0.0T	WHITE (WHITE)	1	682.0
CS039	Finger Guard Door Stile	0.0T	0.0T	WHITE (WHITE)	1	2031.5
CS043	Finger Guard Carrier	0.0T	0.0T	WHITE (WHITE)	1	2042.0
CS068	H/Bar Infill Plate - Woolpile	0.0T	0.0T	WHITE (WHITE)	1	832.5
CS083	Drip Section	0.0T	0.0T	WHITE (WHITE)	1	720.0
CS100	Door Rail W/Carrier	0.0T	0.0T	SILVER (SILVER)	1	796.0
CS113	Double Glazed Door Bead	0.0T	0.0T	WHITE (WHITE)	2	682.0
CS113	Double Glazed Door Bead	0.0T	0.0T	WHITE (WHITE)	2	1836.5
CS301	100x45mm O/Frame/Mullion	0.0T	0.0T	WHITE (WHITE)	3	2100.0
CS302	100x45mm O/Frame/Trensom	0.0T	0.0T	WHITE (WHITE)	2	832.5
CS309	Infill Plate Pocket	0.0T	0.0T	WHITE (WHITE)	1	2100.0
CS323	Frame Glazing Bead - Square	0.0T	0.0T	WHITE (WHITE)	2	832.5
CS331	C3 Glazing Pocket Filler	0.0T	0.0T	WHITE (WHITE)	2	2054.0
CS776	Double Glazed Security Bead	0.0T	0.0T	WHITE (WHITE)	2	682.0
CS776	Double Glazed Security Bead	0.0T	0.0T	WHITE (WHITE)	2	1836.5

Quote No: 8

Customer

Default Options

Pricing

Template

IGU's

Items

- 1. Screen 1
- 2. Screen 2
- 3. Screen 3
- 4. Screen 4
- 5. Screen 5
- 6. Screen 6
- 7. Screen 7
- 8. Screen 8
- 9. Screen 9
- 10. Screen 10
- 11. Screen 11
- 12. Screen 12

Summary

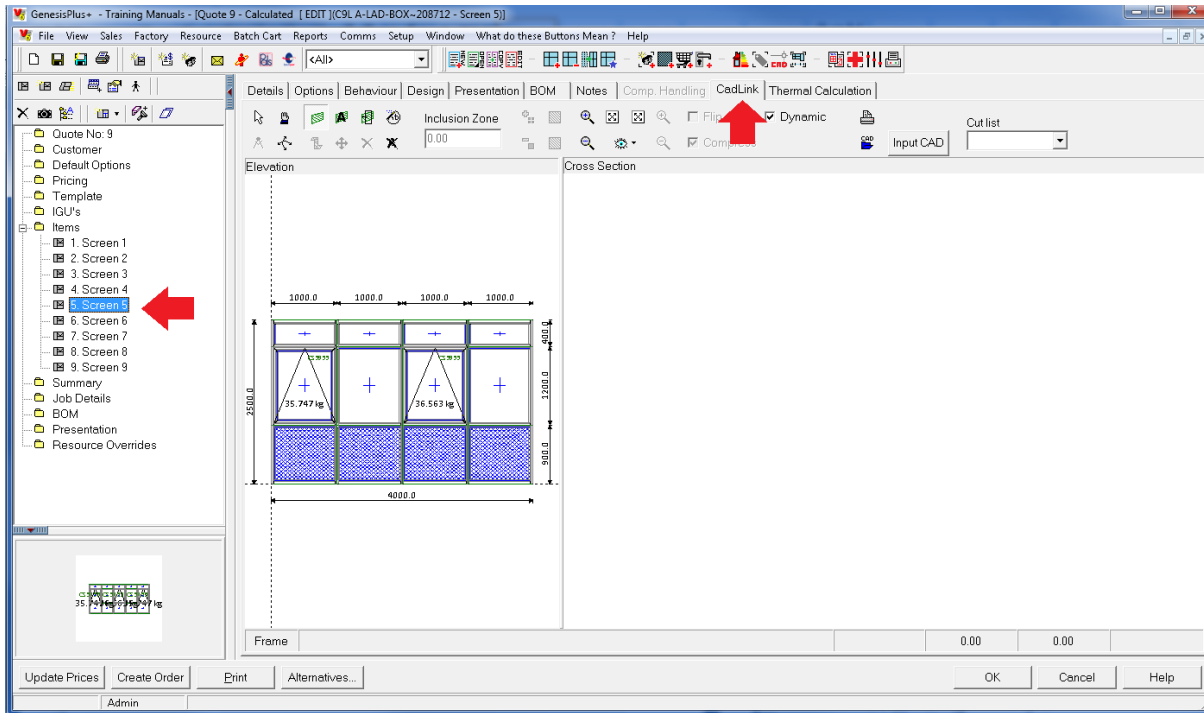
Job Details

BOM

Presentation

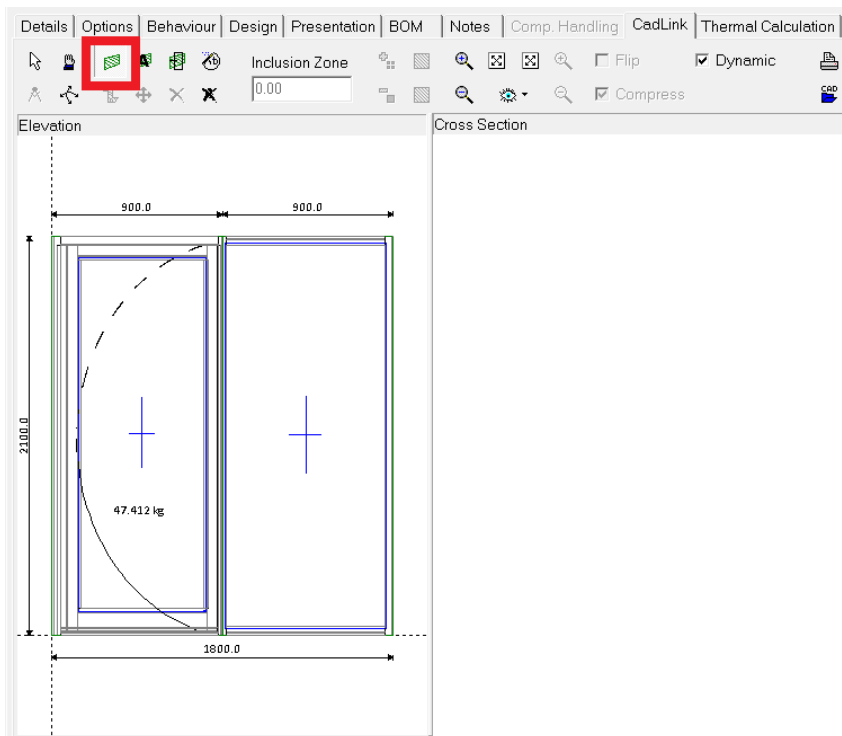
Resource Overrides

ANOTHER TAB ON THE SAME GROUP IS CADLINK. SWITCH INTO THIS TAB.



WHEN YOU FIRST GO INTO THIS SCREEN, YOU WILL SEE THE BELOW BUTTON IS PRESSED IS ALREADY PRESSED IN, IF IT ISNT PLEASE CLICK ON IT AND IT WILL BE.

IN A MOMENT WE WILL BE USING OUR MOUSE TO SWIPE THROUGH A SECTION ON A FRAME AND THIS WILL SHOW US A CAD DRAWING OF WHAT SECTIONS HAVE BEEN INCLUDED.

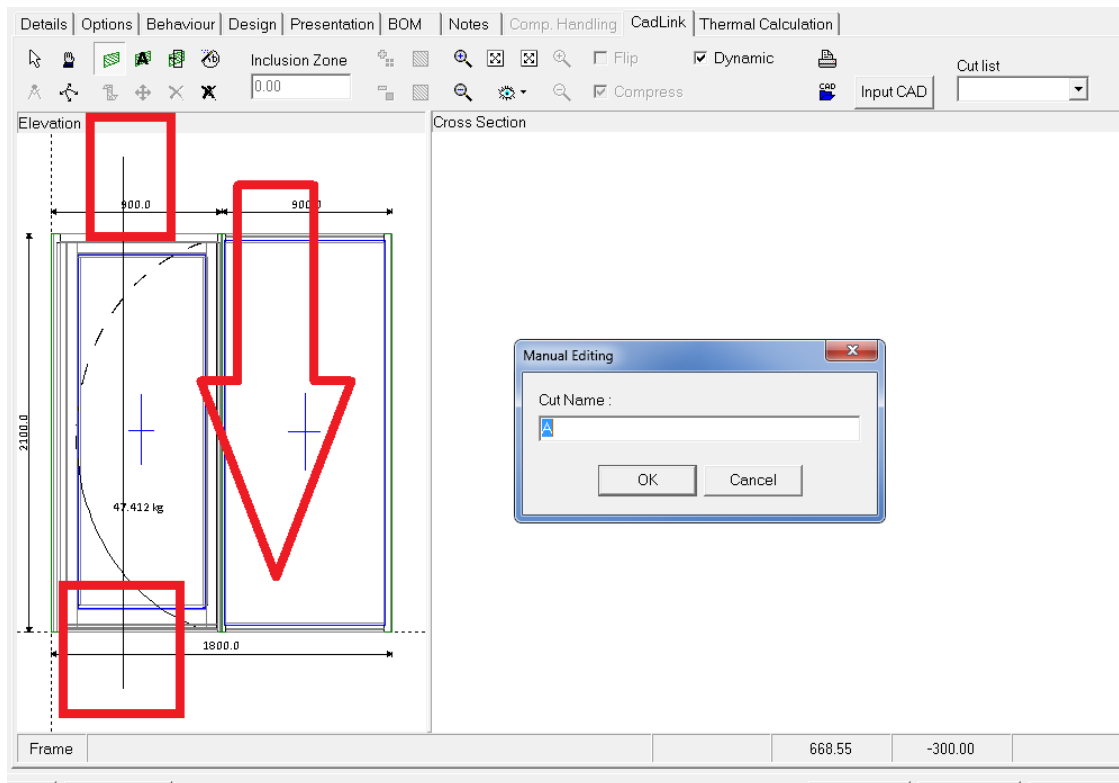


POSITION YOUR MOUSE ROUGHLY IN THE AREA THAT IS SHOWN IN THE RED SQUARE BELOW, WE WILL BE SWIPE THROUGH THE TOP OF THE VENT AND SO THIS IS THE ONLY REASON THAT WE ARE STARTING HERE.

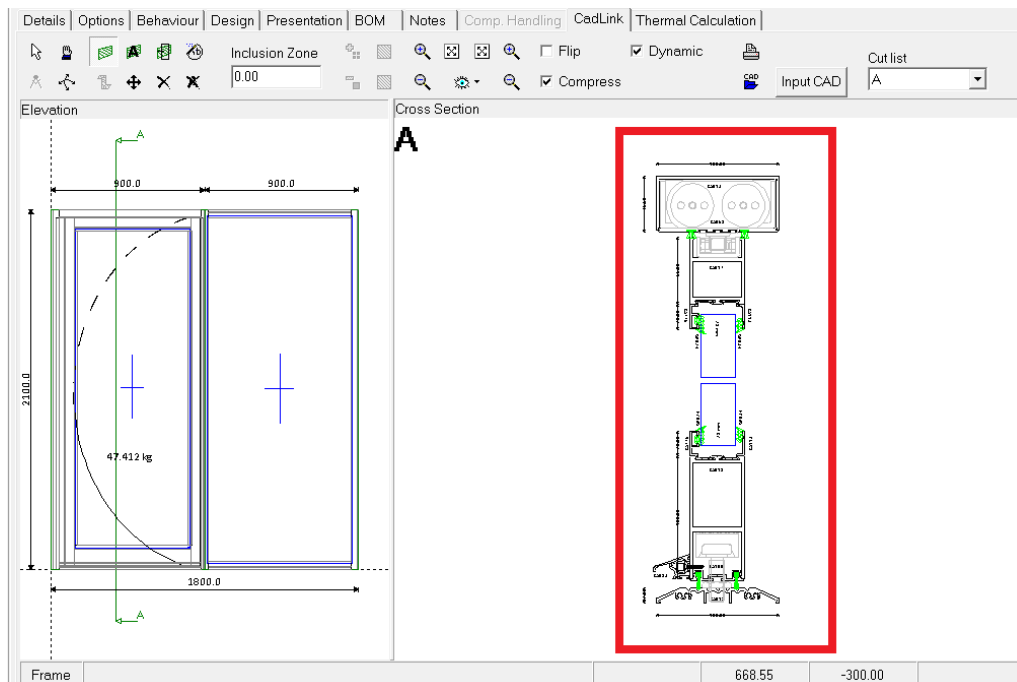
NOW HOLD DOWN YOUR MOUSE BUTTON AND MOVE IT TOWARDS YOU SO THAT YOU ARE NOW POSITIONED ROUGHLY IN THE SECOND BLUE SQUARE (AS SHOWN BELOW).

NOW LET GO OF YOUR MOUSE, THE MANUAL EDITING BOX WILL NOW COME UP, THE FIRST CUT THAT YOU CREATE WILL HAVE “A” AS THE DEFAULT, AS YOU CREATE MORE IT WILL GO TO B AND C, ETC.

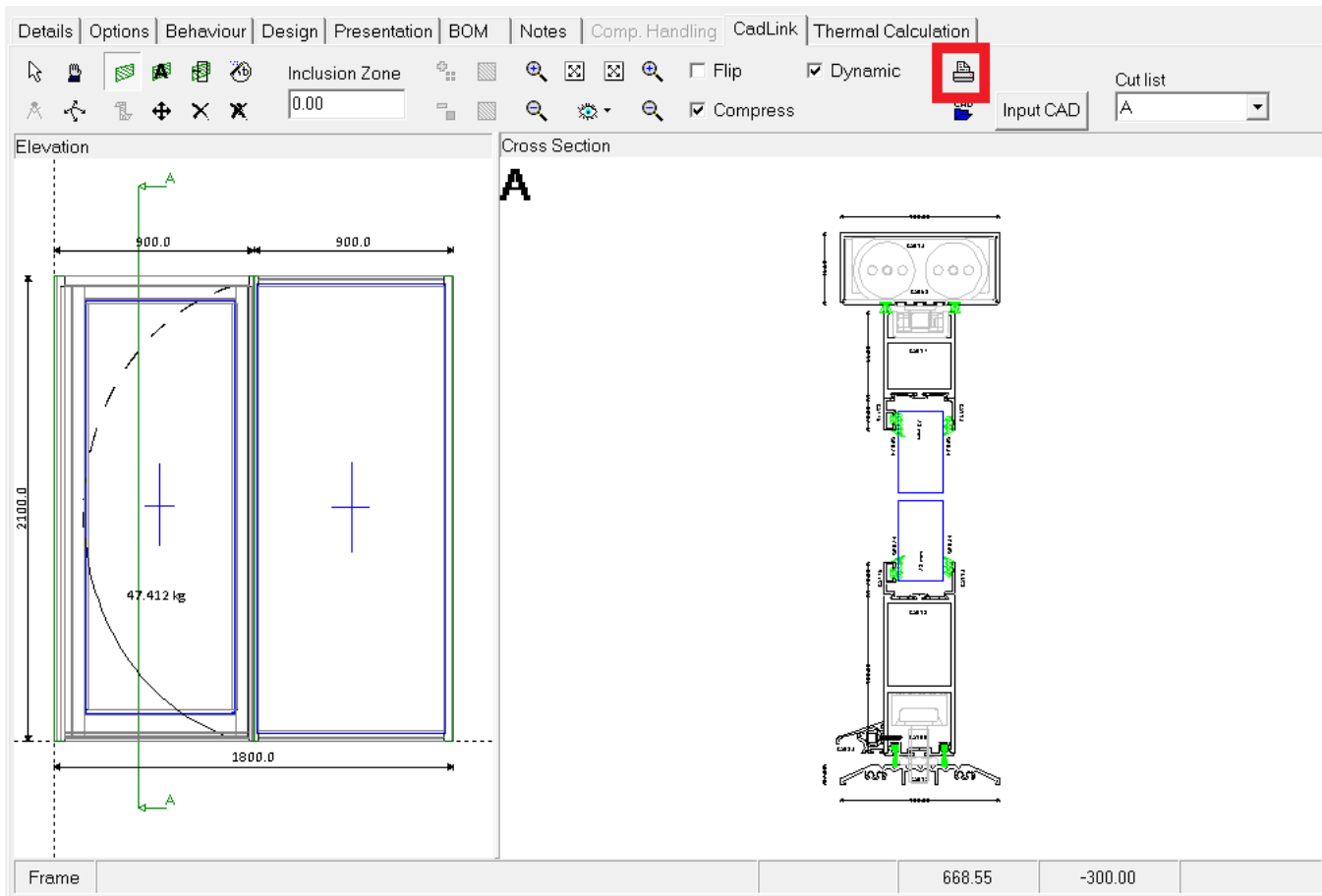
DO NOT CHANGE THE CUT NAME AND NOW CLICK OK



YOU WILL SEE THAT YOU NOW HAVE A SECTION THROUGH OF THE FRAME SHOWN ON THE RIGHT HAND SIDE SCREEN (AS SHOWN BELOW).



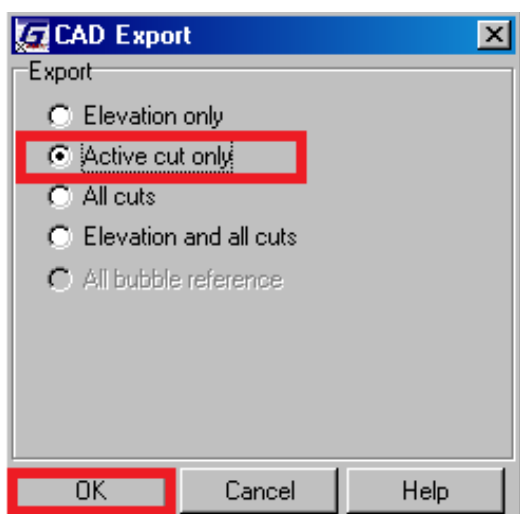
WE CAN DO A FEW THINGS WITH THIS CAD DRAWING, BUT IF WE WANT TO JUST PRINT WHAT WE CAN SEE WE CAN CLICK ONTO THE PRINT BUTTON AS SHOWN IN THE RED BOX BELOW. CLICK ON THIS BUTTON NOW.



WE HAVE SEVERAL OPTIONS FOR PRINTING THESE DRAWINGS,

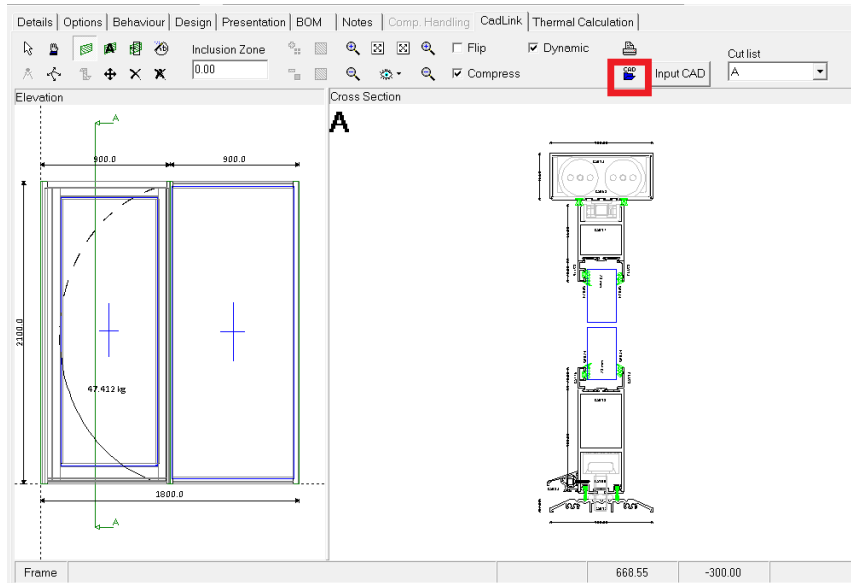
- 1) ELEVATION - THIS PRINTS THE FRAME DRAWINGS
- 2) ACTIVE CUT – THIS OPTION WILL PRINT JUST THE SECTION THROUGH THAT IS SHOWN ABOVE
- 3) ALL CUTS – IF YOU HAVE CREATED MORE THAN ONE CUT THROUGH THIS WILL PRINT ALL OF THEM FOR THIS ONE FRAME
- 4) ELEVATIONS AND ALL CUTS – THIS WILL PRODUCE THE DRAWINGS AND ALL CUTS

FOR OUR EXAMPLE JUST CHOOSE ACTIVE CUT AND CLICK OK. PLEASE BE AWARE THAT YOU WONT ACTUALLY SEE WHAT IS HAPPENING AS IT WILL BE SENT STRAIGHT TO THE PRINTER (IF ONE IS CONNECTED)

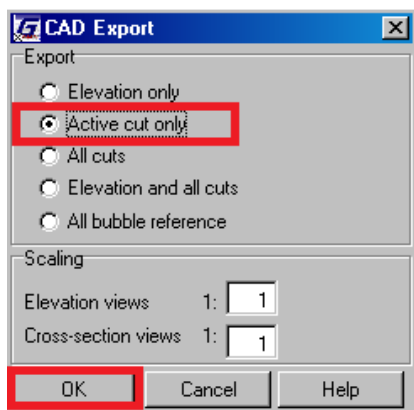


ANOTHER OPTION WE HAVE IS SAVING THE CUTS FOR USE IN AUTOCAD.

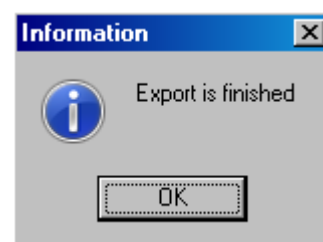
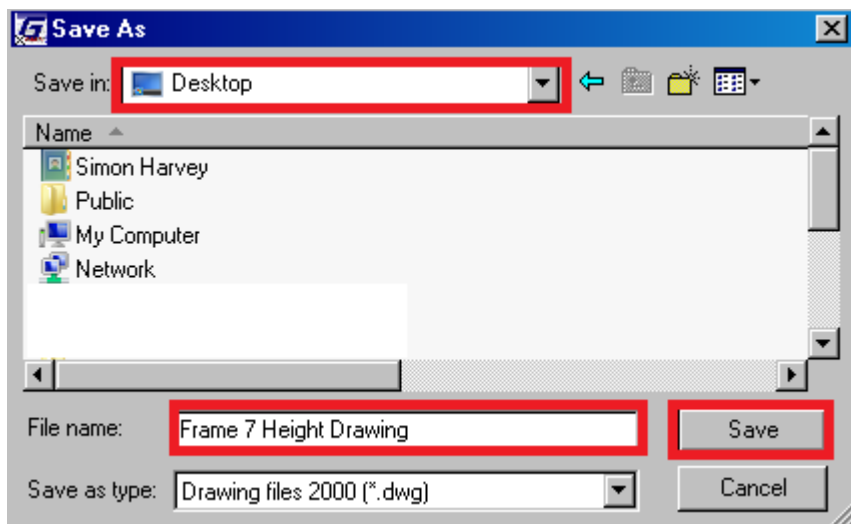
CLICK ONTO THE BLUE CAD BUTTON AS SHOWN IN THE RED BOX BELOW.



THIS BOX FOLLOWS THE SAME EXPLANATION AS BEFORE AND SHOULD BE SELF EXPLANATORY. CLICK ON ACTIVE CUT ONLY FOR THIS EXAMPLE AND CLICK OK.



TO MAKE IT EASIER TO FIND I WOULD RECOMMEND SAVING ONTO YOUR DESKTOP AND RENAINING THE FILE TO SOMETHING MORE RELEVANT. NOW CLICK ONTO SAVE. "EXPORT IS FINISHED" WILL APPEAR ONCE IT IS SAVED AND CLICK OK ON THAT BOX TOO.



U VALUES

ANOTHER TAB ON THE MIDDLE SECTION IS THERMAL CALCULATIONS THESE ARE “U VALUES”. WE ARE CURRENTLY WORKING THROUGH AS MANY COMBINATIONS OF FRAMES AS POSSIBLE AND GENERALLY MOST POLYAMIDE FRAMES HAVE ALREADY BEEN DONE. IF WE HIGHLIGHT FRAME 4 IN THE LEFT HAND SIDE AS SHOWN BELOW AND THEN SWITCH TO THE THERMAL CALCULATION TAB, YOU WILL SEE A NEW SCREEN. PROVIDING THAT ALL OF THE FRAME SECTIONS HAVE BEEN CALCULATED BY US YOU WILL INSTANTLY GET A U VALUE OF THE FRAME.

THERE ARE A LOT OF VARIABLES THAT YOU NEED TO TAKE INTO ACCOUNT INCLUDING CENTRE PANE VALUE OF THE GLASS ETC SO WE CANNOT GO INTO THAT AT THIS STAGE.

IF YOU HAVE AN INTEREST IN THIS AREA PLEASE LET US KNOW AND WE CAN PROVIDE A MORE COMPREHENSIVE MANUAL JUST FOR U VALUES.

GenesisPlus+ - Training Manuals - [Quote 8 - Calculated [EDIT](C3 A FRAME~208181 - Screen 5)]

File Sales Factory Resource Batch Cart Reports Comms Setup Window What do these Buttons Mean? Help

Details Options Behaviour Design Presentation BOM Notes Comp. Handling CadLink Thermal Calculation

Height (mm) 2100.00
Width (mm) 1800.00
Area (m²) 3.7800
Thermal protection ☐
Default Uf Option Standard

Calculate

Uw (W/m².K) 2.6744

Transmission of Glazing 3.1376

Code	Width	Height	Quantity	Coeff area	Area	Transmission (...)
6-16-6 FL	642.000	1836.500	1	1.1000	1.1790	1.2969
6-16-6 FL	832.500	2010.000	1	1.1000	1.6733	1.8407

Total area (m²) 2.8524
Total transmission of Glazing (W/K) 3.1376

Transmission junctions structure - Glazing 0.0000

Code	Width	Height	Quantity	Coeff linear	Perimeter	Transmission (...)
6-16-6 FL	642.000	1836.500	1	0.0000	4.9570	0.0000
6-16-6 FL	832.500	2010.000	1	0.0000	5.6850	0.0000

Total length (m) 10.6420
Total transmission of the junctions structure - Glazing (W/K) 0.0000

Transmission of structure 6.7624

Class	Combination	Length	Lf	Coeff area	Area	Transmission (...)
Comar	CS008;CS039;CS043;CS301*	2100.000	137.500	8.7200	0.2888	2.5179
Comar	CS008;CS301*	2100.000	45.000	8.4180	0.0945	0.7955

Total area (m²) 0.8495
Total transmission of the structure (W/K) 6.7624
Total transmission (W/K) 9.9000

Update Prices Create Order Print Alternatives... OK Cancel Help

Admin

FINALISING THE QUOTE

OK WE HAVE ADDED 7 FRAMES AND JUST AS AN EXAMPLE WE HAVE SEEN HOW TO CHANGE DESCRIPTIONS, LOOKED QUICKLY AT THE AUTOCAD SIDE AND THE U VALUES.

WE ARE NOW GOING TO FINISH THE QUOTE AND PRINT OUT SOME REPORTS.

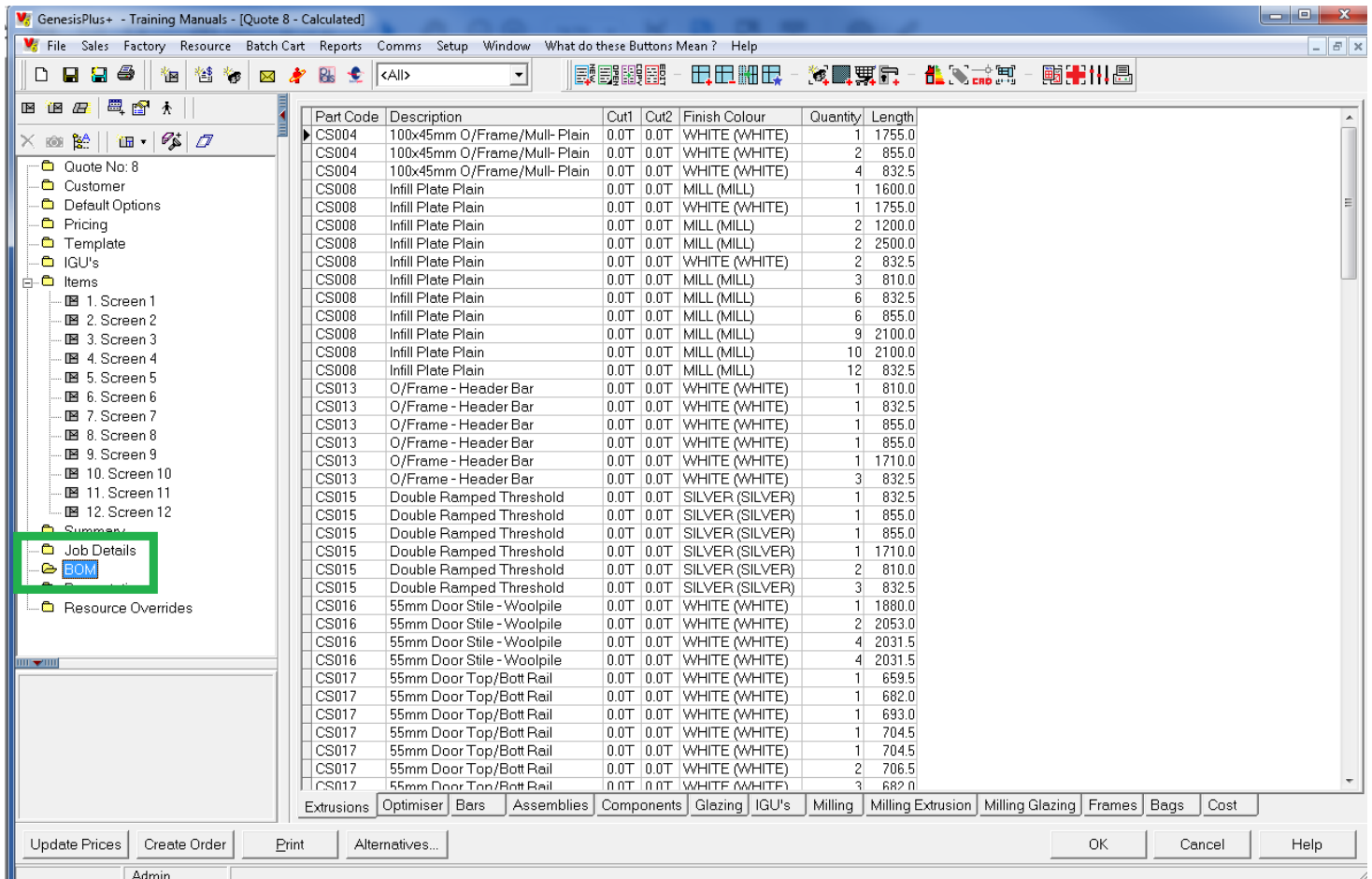
THE PROGRAM WILL COME SETUP WITH EXTRUSIONS AND COMPONENTS AND WILL GIVE YOU GLASS SIZES AND CUTTING LISTS. WE MAY HAVE ALSO SET UP THE DISCOUNTS THAT YOU RECEIVE AS A COMPANY FROM US, BUT THIS NEEDS TO BE SETUP ONE IN THE DATABASE AND DOESNT NEED TO BE INCLUDED IN THIS BASIC MANUAL.

WHAT WE WILL NEED TO ALSO LOOK AT LATER WILL BE ADDING IN FABRICATION LABOUR, GLASS PRICES AND YOUR OVERHEAD AND MARKUP THAT YOU WOULD LIKE TO APPLY TO THE QUOTE.

IF WE LOOK AGAIN DOWN THE LEFT HAND SIDE OF THE SCREEN (UNDER THE 7 ITEMS THAT WE HAVE CREATED) WE CAN SEE ANOTHER BOM TAB. EARLIER WE SHOWED YOU THE BOM TAB ALONG THE TOP AND THIS WAS RELEVANT TO THE FRAME THAT YOU HAD HIGHLIGHTED ONLY.

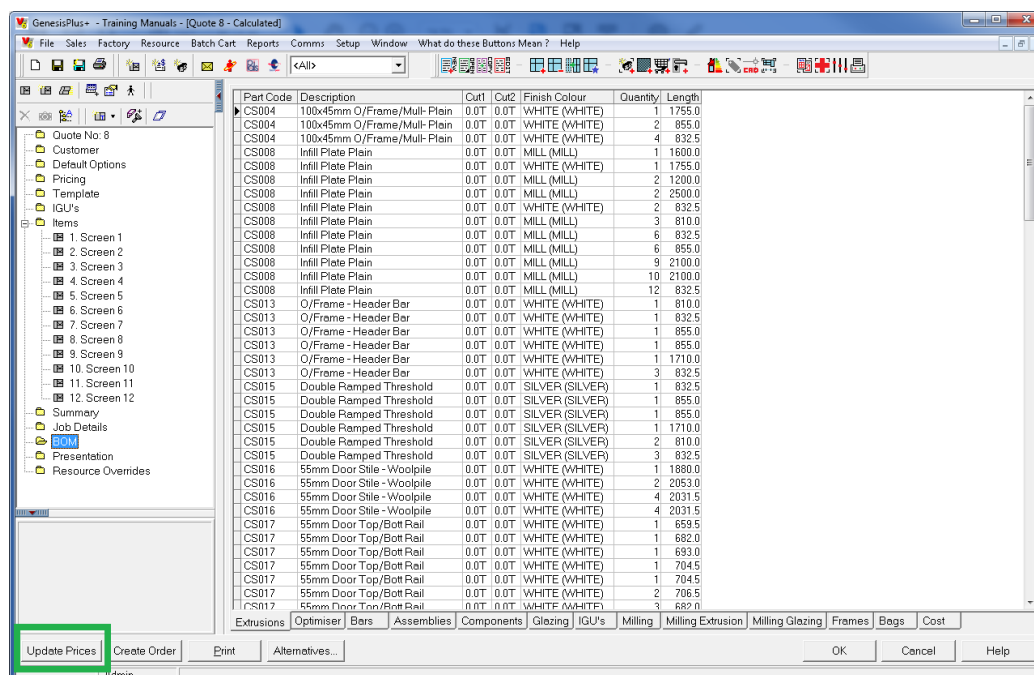
THE BOM DOWN THE LEFT HAND SIDE SHOWS THE BILL OF MATERIALS, EXTRUSIONS, COMPONENTS AND GLASS FOR ALL OF THE ITEMS IN THE QUOTE. CLICK ONTO THIS BOM TAB AND THEN SWEEP THE TABS AT THE BOTTOM UNDER THE EXTRUSIONS TO SWITCH THROUGH TO HAVE A LOOK

AGAIN THIS ISNT SOMETHING YOU HAVE TO DO EVERYTIME BUT WE ARE JUST FINDING OUR WAY AROUND THE SCREEN.

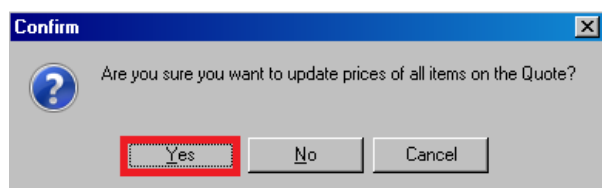


OK SO WE ARE GOING TO SHUT DOWN THE QUOTE NOW, BUT THERE IS ONE FINAL THING THAT WE MUST ALWAYS DO BEFORE SHUTTING DOWN.

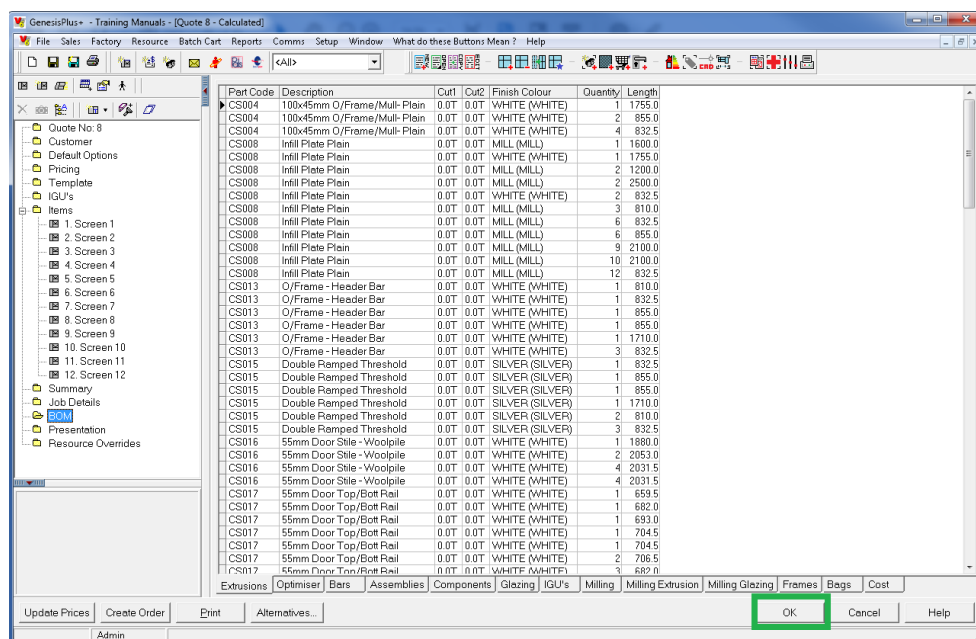
ALWAYS CLICK THIS BUTTON BEFORE FINALISING A QUOTE



CONFIRM THAT YOU WANT TO UPDATE THE PRICES BY CLICKING YES.



OK NOW CLICK OK TO EXIT THE QUOTE AS SHOWN BELOW (BOTTOM OF SCREEN)



YOU MAY NOTICE THE STATUS BAR OF THE SAVING AT THE BOTTOM OF THE SCREEN.



PRINTING OUT REPORTS

AT THE TOP OF THE SCREEN YOU WILL SEE THE TOOLBAR SET OF BUTTONS, ONE OF THEM IS A PRINTED BUTTON; THIS CONTAINS MOST OF OUR CUSTOMISED REPORTS. CLICK ONTO THIS BUTTON



HOPEFULLY THE TABS ALONG THE TOP WILL BE SELF EXPLANATORY.



WE WILL PRINT OUT A PURCHASE ORDER WHICH WILL LIST OF THE MATERIALS.

- 1) CLICK ONTO THE ORDERING TAB
- 2) TICK THE PURCHASE ORDER TICK BOX
- 3) CLICK ONTO PREVIEW (THIS MEANS THAT WE WILL GET TO SEE IT FIRST BEFORE PRINTING)
- 4) QUOTE NUMBER (SEE FURTHER BELOW FOR THIS).

Comar Architectural Aluminium Systems Report Menu

Type or Search Quote Number

Search

☒ Click Preview Report

Quote Reports

Presentation Reports

☒ Purchase Order Port

Ordering Reports

Survey Reports

Glass Reports

Optimised Cutplan

Fabrication Reports

U Values Reports

Windload Reports

Favourites

☐ Landscape Costed B

☐ Non Costed BOM

☐ Spare

☐ Cut Bar Paint List

☐ Full Bar Paint List

☐ Delivery Installation

☐ Order Confirmation

☐ Caldwell Order Form

☐ Spare

☐ Spare

☐ Spare

OK

Cancel

comar ARCHITECTURAL ALUMINIUM SYSTEMS

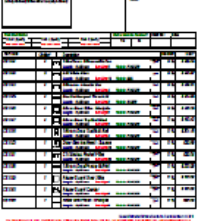
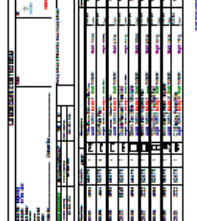

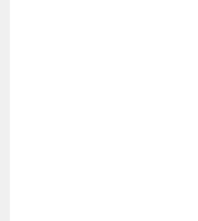

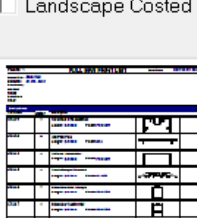
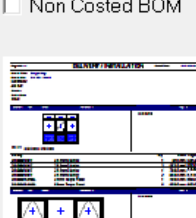
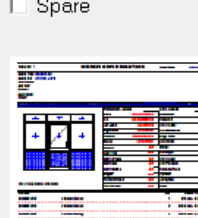

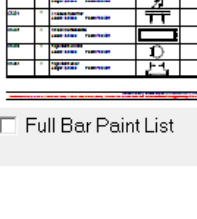
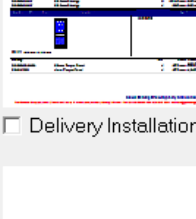
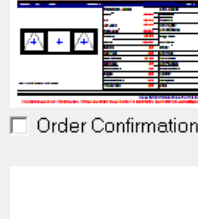
a Member of the Parkside group

IF WE KNOW THE QUOTE NUMBER YOU CAN TYPE IT INTO THE BOX, IF NOT WE CAN SEARCH FOR IT USING THE BUTTON SHOWN IN THE RED BOX BELOW. CLICK ONTO SEARCH

Comar Architectural Aluminium Systems Report Menu

Type or Search Quote Number

☒ Click Preview Report

Quote Reports	 <input checked="" type="checkbox"/> Purchase Order Port	 <input type="checkbox"/> Landscape Costed B	 <input type="checkbox"/> Non Costed BOM	 <input type="checkbox"/> Spare
Presentation Reports	 <input type="checkbox"/> Cut Bar Paint List	 <input type="checkbox"/> Full Bar Paint List	 <input type="checkbox"/> Delivery Installation	 <input type="checkbox"/> Order Confirmation
Ordering Reports	 <input type="checkbox"/> Caldwell Order Form	 <input type="checkbox"/> Spare	 <input type="checkbox"/> Spare	 <input type="checkbox"/> Spare
Survey Reports				
Glass Reports				
Optimised Cutplan				
Fabrication Reports				
U Values Reports				
Windload Reports				
Favourites				

OK Cancel

WHEN THE BOX COMES UP FIND THE QUOTE THAT YOU HAVE CREATED, HIGHLIGHT IT AND THEN CLICK OK.

Quote Pick List

Search (Quote Number):

Family: 1 2 3 4 A


- All Families
 - Quoting
 - Drawing
 - Survey
 - Cutting Lists
 - Completion

Prefix	Quote Number	Suffix	Quote Title
SH	352		C7Pi double and single doors, locks change based on height
SH	351		Burger King
SH	350		C7Pi Midrail Options

OK

Cancel

YOU WILL SEE THAT THERE IS NOW A QUOTE NUMBER IN THE BOX AND WE CAN NOW CLICK OK.

 Comar Architectural Aluminium Systems Report Menu

Type or Search Quote Number

170

Search

☒ Click Preview Report

Quote Reports

Presentation Reports

Ordering Reports

Survey Reports

Glass Reports



Optimised Cutplan

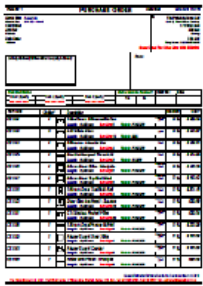
Fabrication Reports

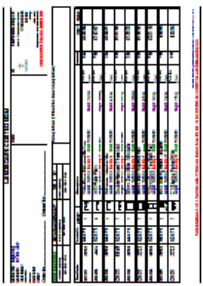
U Values Reports


Windload Reports


Favourites




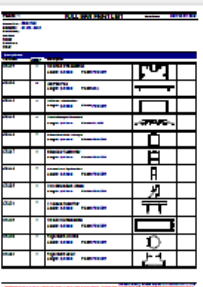
☒ Purchase Order Port


☐ Landscape Costed B

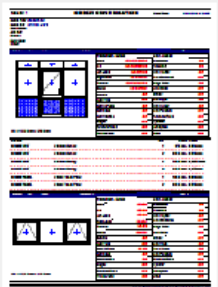
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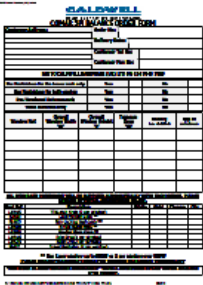
☐ Spare


☐ Cut Bar Paint List


☐ Full Bar Paint List


☐ Delivery Installation

☐ Order Confirmation

☐ Caldwell Order Form


☐ Spare

☐ Spare

☐ Spare

OK

Cancel

Page No: 1		PURCHASE ORDER		Date/Time: 29/01/2018 15:35:39													
Quote Title: Training - Shopfronts Quote No: SH8--Ver 7 Cust Name: Do Not Delete Job Ref: Finish: [COL:COMAR:POWDER (POW Deliv Date: Other:																	
			To: The Parkside Group Ltd Unit 5, The Willow Centre, 17 Willow Lane Mitcham Surrey CR4 4HX Telephone : 020 8685 9685 Comar Direct Fax Order Line: 0208 685 0800														
Delivery Address (if different than Company Address): <div style="border: 1px solid black; height: 40px; width: 100%;"></div>			From:														
Finish Specification: <table border="1"> <tr> <td>Finish 1 (Spec'd)</td> <td>Finish 2 (Spec'd)</td> <td>Finish 3 (Spec'd)</td> <td>Marine Guarantee Required ?</td> <td>Order No:</td> <td>Date:</td> </tr> <tr> <td>Mill - Satin - Gloss</td> <td>Mill - Satin - Gloss</td> <td>Mill - Satin - Gloss</td> <td>Yes No</td> <td></td> <td></td> </tr> </table>			Finish 1 (Spec'd)	Finish 2 (Spec'd)	Finish 3 (Spec'd)	Marine Guarantee Required ?	Order No:	Date:	Mill - Satin - Gloss	Mill - Satin - Gloss	Mill - Satin - Gloss	Yes No					
Finish 1 (Spec'd)	Finish 2 (Spec'd)	Finish 3 (Spec'd)	Marine Guarantee Required ?	Order No:	Date:												
Mill - Satin - Gloss	Mill - Satin - Gloss	Mill - Satin - Gloss	Yes No														
Part Code	Qty Bar	Description	Discount	Cost *													
CS004	2	100x45mm O/Frame/Mull- Plain Length: 6,450 mm Box Qty: 6 Finish: WHITE	C %	£270.90													
CS008	12	Infill Plate Plain Length: 6,450 mm Box Qty: 10 Finish: MILL	C %	£562.70													
CS008	1	Infill Plate Plain Length: 6,450 mm Box Qty: 10 Finish: WHITE	C %	£61.70													
CS013	2	O/Frame - Header Bar Length: 6,450 mm Box Qty: 4 Finish: WHITE	C %	£255.16													
CS015	2	Double Ramped Threshold Length: 6,450 mm Box Qty: 8 Finish: SILVER	C %	£203.69													
CS016	4	55mm Door Stile - Woodpile Length: 6,450 mm Box Qty: 6 Finish: WHITE	C %	£513.68													
CS017	2	55mm Door Top/Bott Rail Length: 6,450 mm Box Qty: 5 Finish: WHITE	C %	£268.19													
CS018	2	100mm Door Top/Bott Rail Length: 6,450 mm Box Qty: 4 Finish: WHITE	C %	£377.07													
CS020	3	55mm Door Stile - Plain Length: 6,450 mm Box Qty: 6 Finish: WHITE	C %	£370.36													
CS038	1	150mm Door/Frame M/Rail Length: 6,450 mm Box Qty: 3 Finish: WHITE	C %	£238.84													
CS039	3	Finger Guard Door Stile Length: 6,450 mm Box Qty: 4 Finish: WHITE	C %	£478.14													
CS043	3	Finger Guard Carrier Length: 6,450 mm Box Qty: 8 Finish: WHITE	C %	£352.94													
CS050	2	A/Slide Door Beam Length: 6,450 mm Box Qty: 1 Finish: WHITE	C %	£1,427.51													

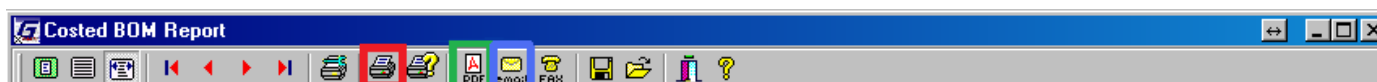
TPG - Comar Architectural Aluminium Systems - Genesis Estimating Software - Release 17 - 2017

AT THE TOP OF THE REPORT YOU HAVE A TOOLBAR WITH SEVERAL OPTIONS AS SHOWN BELOW

THE BUTTON WITH THE RED BOX IS FOR PRINTING DIRECT TO THE PRINTED

THE BUTTON WITH THE GREEN BOX IS FOR CREATING AN SAVING A PDF OF THE REPORT

THE BUTTON WITH THE BLUE BOX WILL CREATE A PDF OF THE REPORT AND WILL ATTACH IT TO AN EMAIL.



WHEN YOU HAVE FINISHED LOOKING AT THE REPORT CLICK THE CLOSE BUTTON AS SHOWN BELOW.

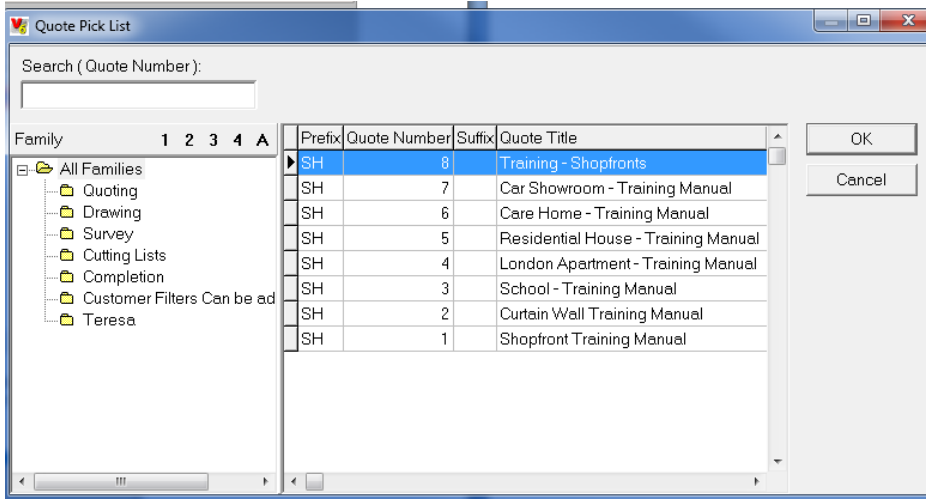


EDITING/CHANGING AN EXISTING QUOTE

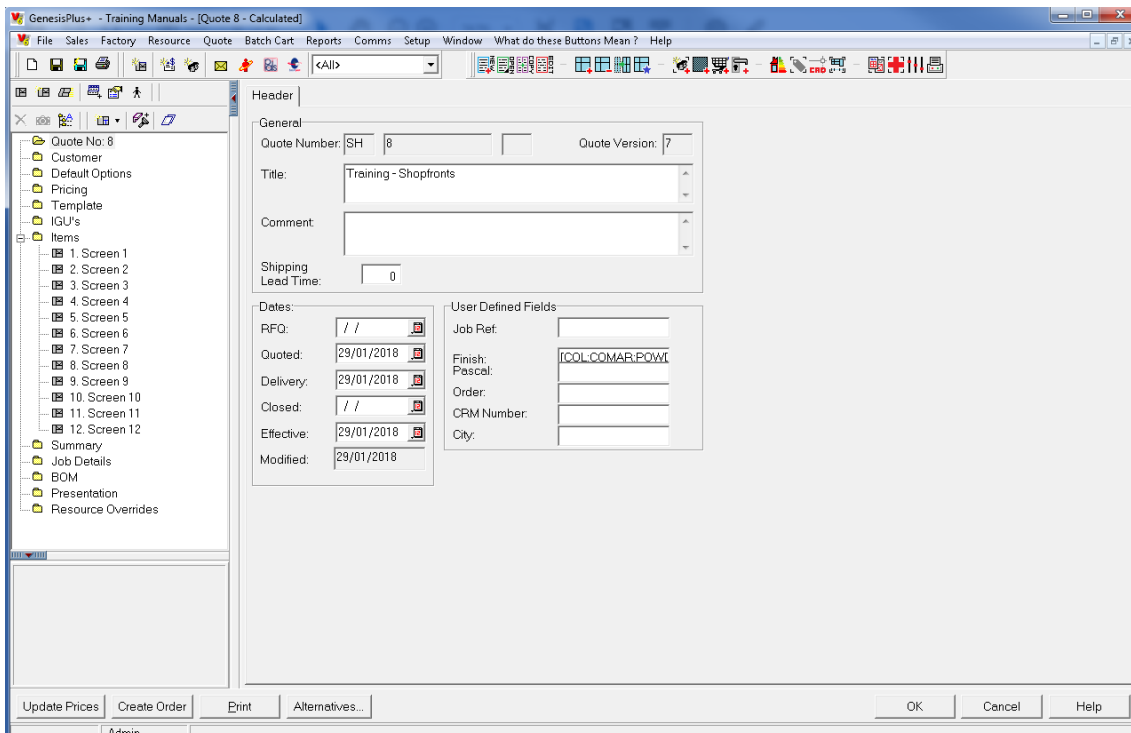
IF YOU NEED TO GO BACK INTO A QUOTE, CLICK ONTO THE EDIT EXISTING QUOTE BUTTON



THE BELOW SCREEN WILL APPEAR, CHOOSE THE RELEVANT QUOTE FROM THE LIST AND THEN CLICK OK.



YOU ARE NOW BACK INTO THE QUOTE AND CAN CHANGE THE ITEMS OR ADD MORE, AFTER YOU HAVE MADE CHANGES ALWAYS REMEMBER CLICK UPDATE PRICES BUTTON BEFORE FINALISING A QUOTE



WELL DONE, YOU HAVE COMPLETED THE BASIC GENERIC SCHOOL MANUAL