



## REPLACEMENT DOME AND PYRAMID SELECTION

This section is provided to enable you to determine if the replacement glazing you need will be a standard product, or a custom size. Standard glazings can be provided quickly, whereas custom sizes will take more time to produce because of special tooling required.

To determine if our standard size is comparable to your glazing, you will need to remove the skylight retainer and take a few measurements from the glazing requiring replacement. Measurements can be taken without removing the glazings themselves. If it is a Skyline brand of skylight, the process will be quite simple. However, most skylights will follow the same general process for exposing the glazing to be replaced.

1. Remove the metal or other type of retainer by removing all exposed fasteners, then the retainer. In the event that your skylight does not appear to have a frame that is removable and replaceable, you may wish to have a roofer, contractor or other qualified agent assist you with the project.

2. Take these measurements of an outer glazing:

NOTES:      \* Take all measurements from the outer surface of the glazing.  
              \* No measurements are taken from the roof.  
              \* Skyline Sky-Lites cannot be held responsible for incorrect measurements, so be accurate.

“A”      Overall Length and Width at the corners  
“B”      Rise to Rise Length and Width where the glazing begins to curve upward.  
“C”      Width of the flange around the edge  
“D”      Measure the approximate height of the glazing OR determine the pitch.  
“E”      Height of the step (only if the glazing has a step)  
“T”      Measure the thickness of the edge of the glazing.

Color      Record the color of the glazing. Generally they will be CLEAR, or have a slight tint which is BRONZE, or WHITE. Also record if the glazing is translucent or not, i.e. can you see through it or not?

3. To take the measurements from an inner glazing:

NOTES:      \* Be prepared to silicone the glazings back into place if you remove the outer glazing.  
              \* Our standard thickness for inner glazings will be 1/8".

Record the measurements from the inner glazing following the same steps as you did for the outer glazing.

4. One additional item may assist us in identifying your skylight. This dimension would also be necessary if you should choose to replace the entire skylight:

Determine the type of curb the skylight is mounted on. Answering these questions will enable us to assist you better.

Is it mounted on a wooden curb? If so, would you say that it is a narrow curb such as a 2 x 4 on end? Or, is it a wider curb, such as a couple of 2 x 4s laying on their sides.

Does it appear that the curb and the skylight are built together as one unit? Is it metal or wood? Is the curb wall and the skylight frame the same color?

Measure the outermost portion of the curb that the skylight mounts on, even if it appears that the skylight and curb are one unit. Measure the outer most portion closest to the roof.

5. Replace the retaining rim and fasteners back into place after recording your measurements



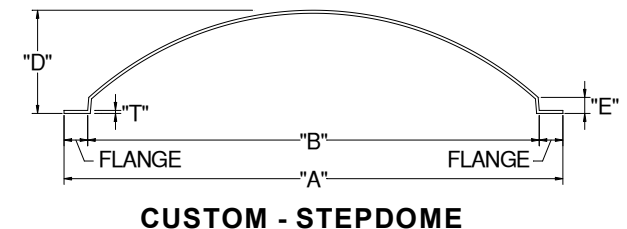
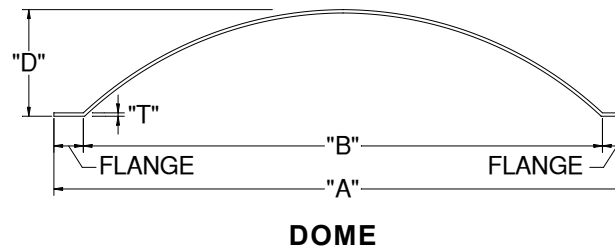
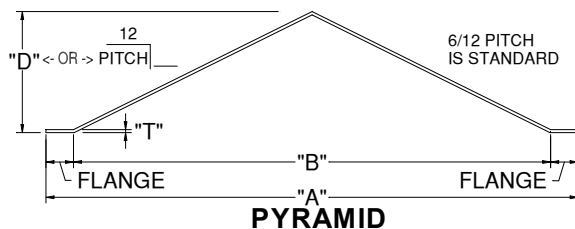
Compare your skylight measurements to the standard dimensions below. Start with the "B" rise to rise dimension since this is the most critical measurement. Find the dimension closest to yours. The line closest to your measurement will indicate our comparable model number and standard dimensions. If your skylight measurements fall within the tolerances listed, the Skyline Sky-lite glazing should fit.

## REPLACEMENT DOME / PYRAMID SPECIFICATIONS

DETERMINE SIZES FROM DIAGRAMS, THEN MATCH TO THIS CHART.

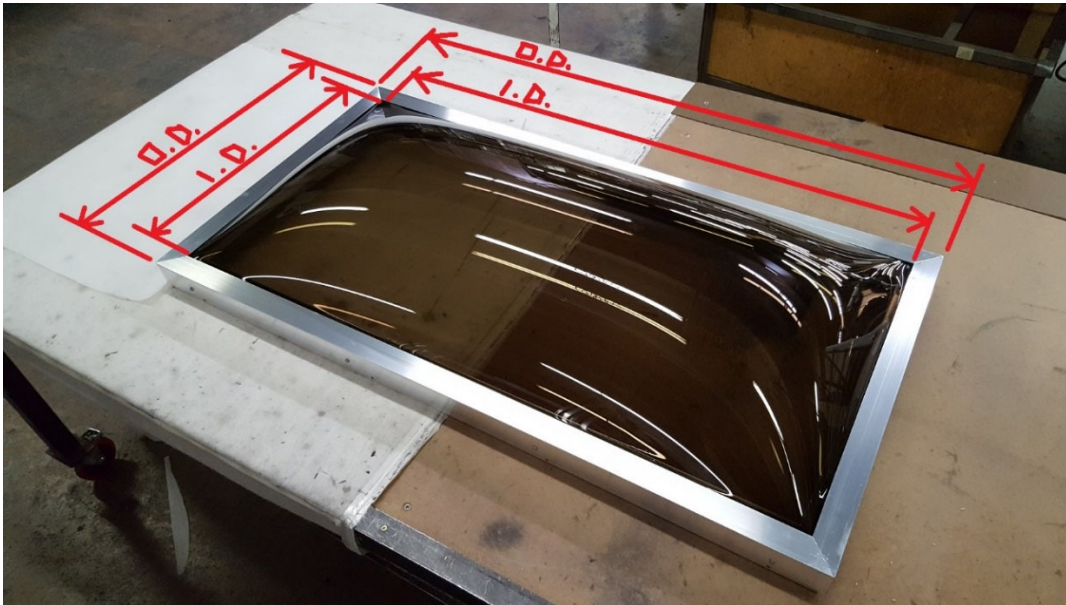
MODEL #	"A" +/-1/2" WIDTH x LENGTH	"B" +/-1/8" DOME RISE TO RISE WIDTH x LENGTH	"D" +/-1/2" DOME		"D" +/- 1/2" PYRAMID		"E" +/-1/4" STEP RISE	"T" THICKNESS 1st / 2nd	MODEL #		
			DOME RISE OUTER	INNER	OUTER GLAZING PITCH or RISE	INNER GLAZING APEX RISE   DOME RISE					
2028	18 5/8" x 26 5/8"	16" x 24"	4"	2 1/2"	6/12	4"	2 1/2"	1"	3/4"	.125/.125	2028
2052	18 5/8" x 50 5/8"	16" x 48"	4"	2 1/2"	6/12	4"	2 1/2"	1"	3/4"	.125/.125	2052
2828	26 5/8" x 26 5/8"	24" X 24"	5"	3 1/2"	6/12	6"	4 1/2"	2"	3/4"	.125/.125	2828
2841	26 5/8" x 39 5/8"	24" x 36 1/4"	5"	3 1/2"	6/12	6"	4"	2"	3/4"	.125/.125	2841
2852	26 5/8" x 50 5/8"	24" X 48"	6"	4 1/2"	6/12	6"	4"	3"	3/4"	.125/.125	2852
2876	26 5/8" x 74"	24" x 71 1/4"	6"	4 1/2"	6/12	6"	4"	3"	3/4"	.187/.125	2876
2896	26 5/8" x 94"	24" x 91 1/4"	7"	5 1/2"	6/12	6"	4"	-	3/4"	.187/.125	2896
3636	34 5/8" x 34 5/8"	32" x 32"	6"	4 1/2"	6/12	8"	6"	3"	3/4"	.125/.125	3636
3652	34 5/8" x 50 5/8"	32" x 48"	8"	6"	6/12	8"	6"	4"	3/4"	.187/.125	3652
3660	34 5/8" x 59 5/8"	32" x 57 1/4"	8"	6"	6/12	8"	6"	-	3/4"	.187/.125	3660
3676	34 5/8" x 74"	32" x 71 1/4"	8"	6"	6/12	8"	6"	-	3/4"	.187/.125	3676
3696	34 5/8" x 94"	32" x 91 1/4"	8"	6"	6/12	8"	6"	-	3/4"	.187/.125	3696
4242	41 5/8" x 41 5/8"	39 1/4" x 39 1/4"	6"	4 1/2"	6/12	10"	8"	-	3/4"	.125/.125	4242
5252	50 5/8" x 50 5/8"	49" x 49"	10"	8"	6/12	12"	10"	-	3/4"	.187/.125	5252
5276	50 5/8" x 74"	48" x 71 1/4"	10"	8"	6/12	12"	9"	-	3/4"	.187/.125	5276
5296	50 5/8" x 94"	48" x 91 1/4"	10"	8"	6/12	12"	9"	-	3/4"	.187/.125	5296
6060	59 5/8" x 59 5/8"	57 1/4" x 57 1/4"	12"	10"	6/12	14"	11"	-	3/4"	.187/.125	6060
7676	74" x 74"	71 1/4" x 71 1/4"	14"	12"	6/12	18"	15"	-	3/4"	.187/.125	7676
7696	74" x 94"	71 1/4" x 91 1/4"	14"	12"	6/12	18"	15"	-	3/4"	.187/.125	7696
8080	79 1/2" x 79 1/2"	77 1/4" x 77 1/4"	18"	16"	6/12	19"	16"	-	3/4"	.187/.125	8080
9898	97" x 97"	94 1/4" x 94 1/4"	20"	18"	6/12	24"	21"	-	3/4"	.250/.125	9898

CUSTOM GLAZINGS CAN BE MADE TO MATCH YOUR SKYLIGHT UP TO 108" BY 150".



## How to measure for skylight replacement domes... help us help you!!

In order to manufacture a replacement dome for your skylight, we need to have the appropriate detail sheet completed; see: [http://www.skylites.com/upload/replacement\\_glazings.pdf](http://www.skylites.com/upload/replacement_glazings.pdf). However, short of disassembling the current skylight, our experienced staff can assist you with completing this information with just a couple quick and basic dimensions. Additionally, this will help us substitute a standard part for speed and cost savings in some cases!



WHAT TO MEASURE: **OVERALL SKYLIGHT/OUTSIDE RETAINER:** \_\_\_\_\_ (width) x \_\_\_\_\_ (length)



WHAT TO MEASURE: **"DAYLIGHT OPENING"/INSIDE RETAINER:** \_\_\_\_\_ (width) x \_\_\_\_\_ (length)



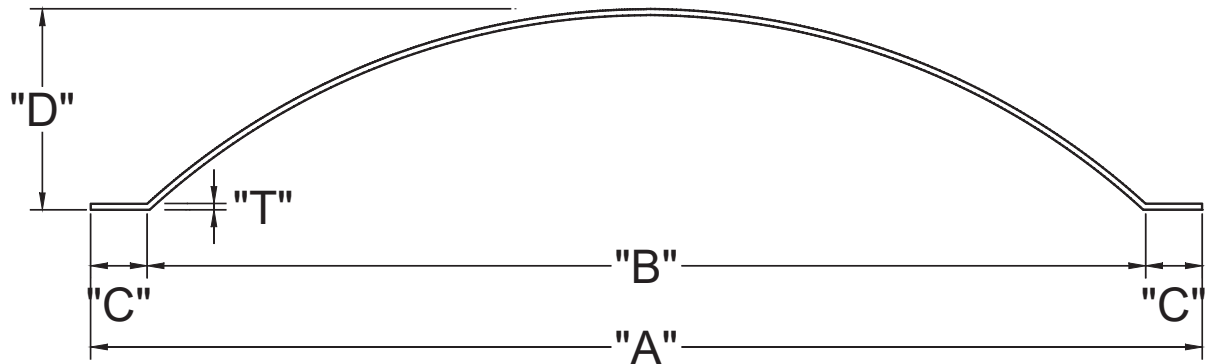
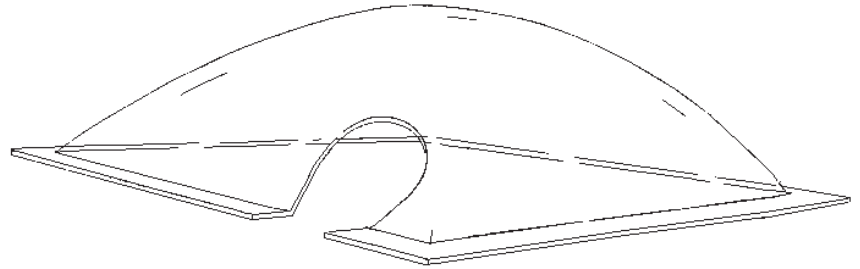
AND THAT'S IT! From this, we can deduct about 1/2" from the outside dimensions to get the tip to tip/overall dimensions on the dome, and we will generally match the inside dimensions to the rise to rise dimension on the dome. Flange dimension is resultant of overall less rise to rise divided in half. 20-25% rise is standard. Thickness is dictated based on part size.

Please note, there are some exceptions. As you can see here, this example is for a retainer with square corners; if you have a retainer with large rounded edges or a stepped retainer, you'll want to estimate where the edge of the dome flange stops. Also, all step domes are custom; these parts incorporate a small vertical rise in the dome prior to the curvature of the dome and are generally necessary to clear internal framing. **\*\*WE RECOMMEND** you snap a quick picture of a corner detail like those shown and pass along so we can help identify these conditions. Or, give us a call... we're here to help!!

**Skyline Sky-Lites ... 2925 Delta Drive, Colorado Springs, CO 80910 ... Ph. 719-392-4220, Fax 719-392-4685 ... [skylites.com](http://www.skylites.com)**

# REPLACEMENT DOME

## DOME



QUANTITY:    —       —

COLOR:       —       —  
Bronze/Clear/White/or specify color

		LENGTH	WIDTH
"A"	OVERALL		
"B"	RISE TO RISE		
		DIMENSION	
"C"	FLANGE		
"D"	RISE		
"T"	THICKNESS		

**All blanks above must be completed.**

PROJECT:       —

CUSTOMER:     —

CONTRACTOR:   —

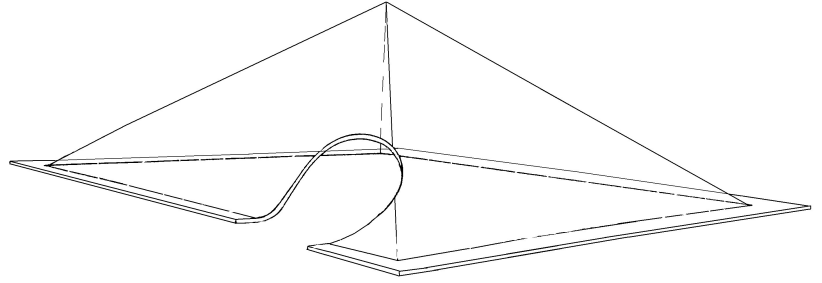
QUAN/MODEL:    —

I hereby certify that all quantities, dimensions and conditions shown on this drawing are correct as shown or as corrected.

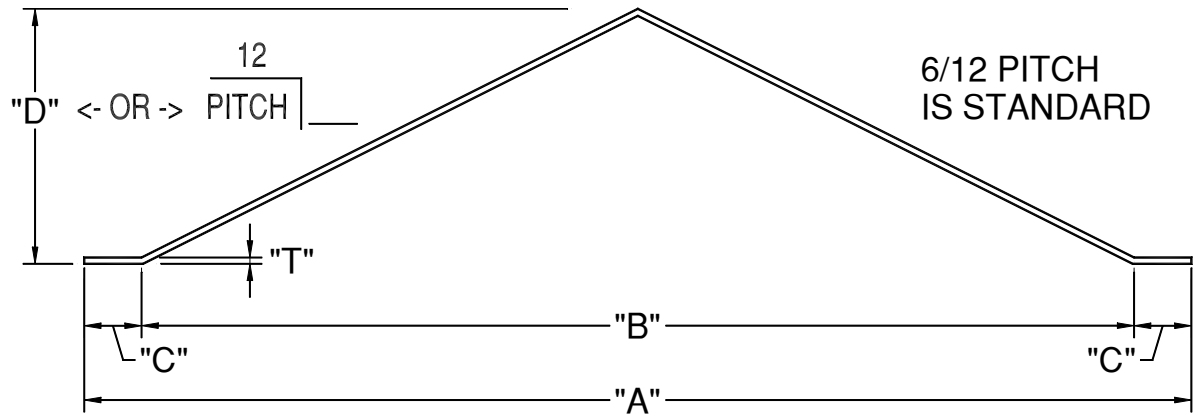
\_\_\_\_\_  
SIGNATURE                      DATE  
REPRESENTING \_\_\_\_\_



# REPLACEMENT PYRAMID



## PYRAMID



QUANTITY: \_\_\_\_\_

COLOR: \_\_\_\_\_  
Bronze/Clear/White/or specify color

		LENGTH	WIDTH
"A"	OVERALL		
"B"	RISE TO RISE		
		DIMENSION	
"C"	FLANGE		
"D"	PITCH OR RISE		
"T"	THICKNESS		

All blanks above must be completed.

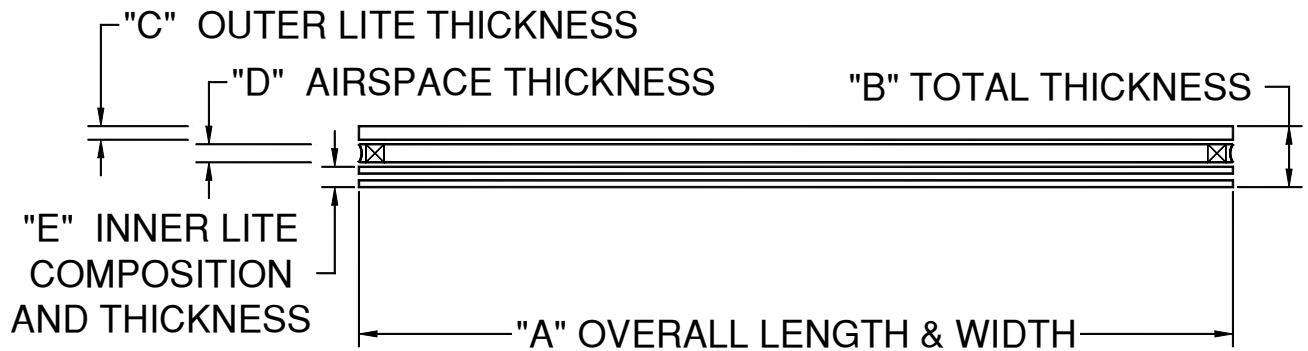
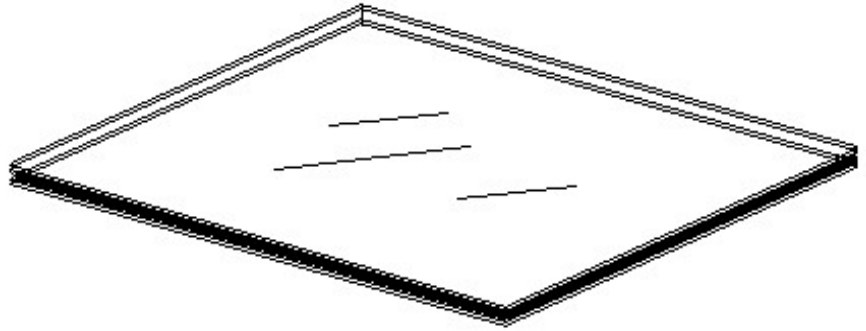
I hereby certify that all quantities, dimensions and conditions shown on this drawing are correct as shown or as corrected.

\_\_\_\_\_  
SIGNATURE DATE  
REPRESENTING \_\_\_\_\_

PROJECT: \_\_\_\_\_  
CUSTOMER: \_\_\_\_\_  
CONTRACTOR: \_\_\_\_\_  
QUAN/MODEL: \_\_\_\_\_

# REPLACEMENT GLASS

## GLASS



QUANTITY: \_\_\_\_\_

OUTER GLAZING: \_\_\_\_\_

Bronze/Clear/ or specify shade

Inner glazing will be clear

GLAZING TYPE:

\_\_\_\_\_

Tempered / Laminated

Tempered / Heat Strengthened Laminated

Std > Tempered / Laminated with Low E

"A"	LENGTH X WIDTH		
"B"	TOTAL THICKNESS		
"C"	OUTER LITE		
"D"	AIRSPACE		
"E"	INNER LITE		
	Additional Description		

**All blanks above must be completed.**

I hereby certify that all quantities, dimensions and conditions shown on this drawing are correct as shown or as corrected.

\_\_\_\_\_  
SIGNATURE  
REPRESENTING \_\_\_\_\_

\_\_\_\_\_  
DATE

PROJECT: \_\_\_\_\_

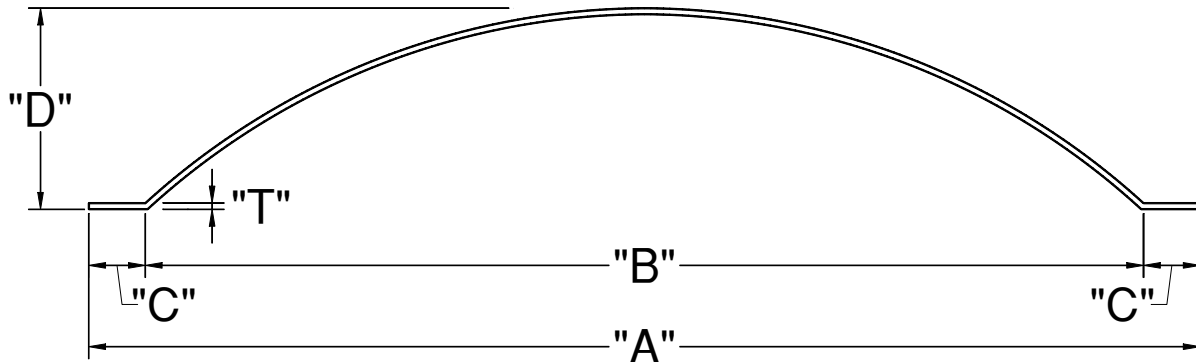
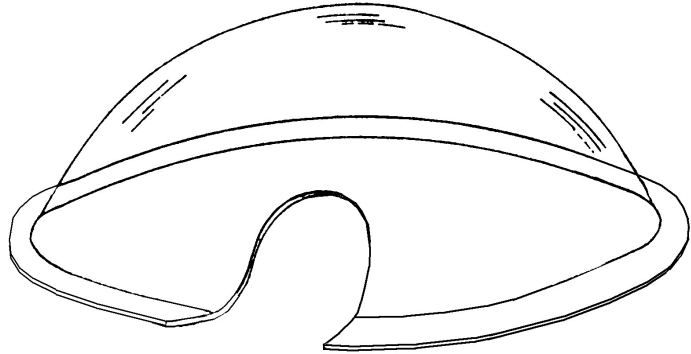
CUSTOMER: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

QUAN/MODEL: \_\_\_\_\_

# REPLACEMENT CIRCULAR DOME

## CIRCULAR DOME



**QUANTITY:** \_\_\_\_\_

**COLOR:** \_\_\_\_\_  
Bronze/Clear/White/or specify color

		DIMENSION
"A"	OVERALL DIAMETER	
"B"	RISE TO RISE	
"C"	FLANGE	
"D"	RISE	
"T"	THICKNESS	

**All blanks above must be completed.**

I hereby certify that all quantities, dimensions and conditions shown on this drawing are correct as shown or as corrected.

\_\_\_\_\_  
SIGNATURE  
REPRESENTING \_\_\_\_\_

\_\_\_\_\_  
DATE

**PROJECT:** \_\_\_\_\_

**CUSTOMER:** \_\_\_\_\_

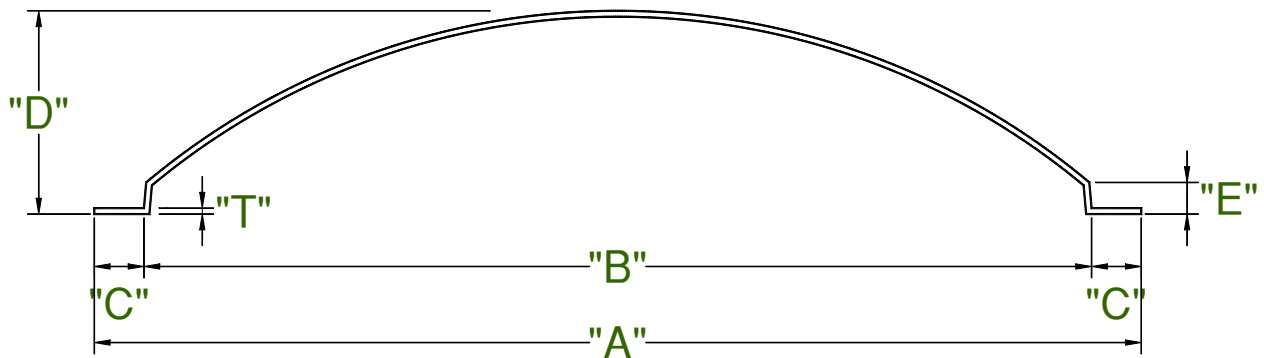
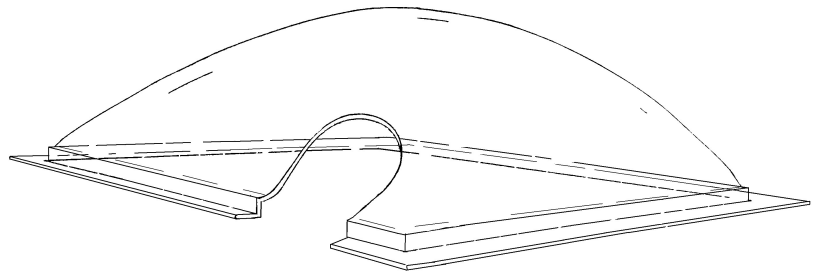
**CONTRACTOR:** \_\_\_\_\_

**QUAN/MODEL:** \_\_\_\_\_

# REPLACEMENT STEPDOME

## STEPDOME

ALL STEPDOMES ARE CUSTOM



QUANTITY: \_\_\_\_\_

COLOR: \_\_\_\_\_  
Bronze/Clear/White/or specify color

		LENGTH	WIDTH
"A"	OVERALL		
"B"	RISE TO RISE		
		DIMENSION	
"C"	FLANGE		
"D"	RISE		
"E"	STEP RISE (1" or less)		
"T"	THICKNESS		

All blanks above must be completed.

I hereby certify that all quantities, dimensions and conditions shown on this drawing are correct as shown or as corrected.

\_\_\_\_\_  
SIGNATURE  
REPRESENTING \_\_\_\_\_

\_\_\_\_\_  
DATE

PROJECT: \_\_\_\_\_

CUSTOMER: \_\_\_\_\_

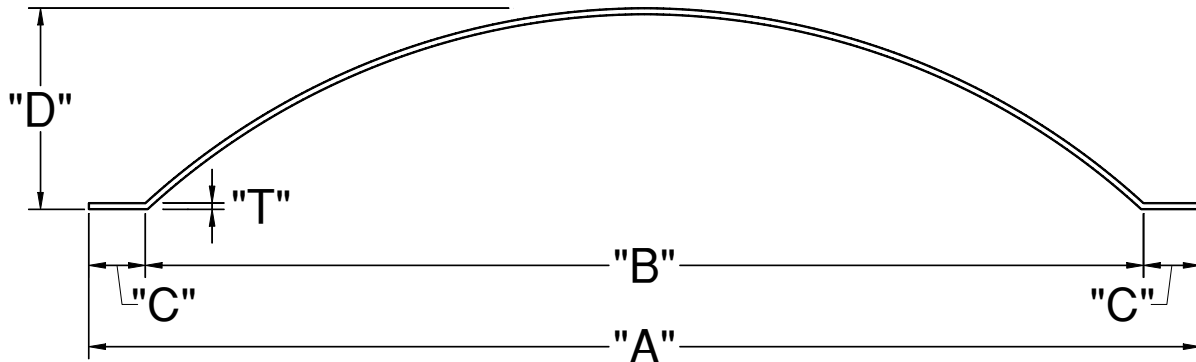
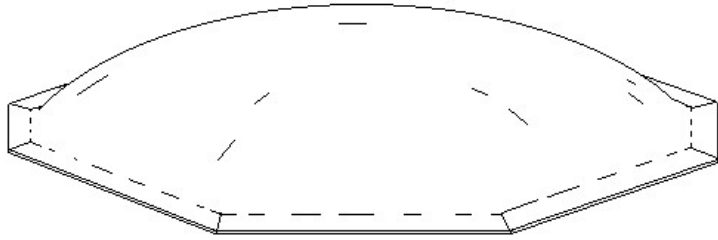
CONTRACTOR: \_\_\_\_\_

QUAN/MODEL: \_\_\_\_\_



# REPLACEMENT POLYGON DOME

## POLYGON DOME



**QUANTITY:** \_\_\_\_\_

**COLOR:** \_\_\_\_\_  
Bronze/Clear/White/or specify color

**NUMBER OF SIDES:** \_\_\_\_\_  
(Must be an even number)

		LENGTH	WIDTH
"A"	OVERALL		
"B"	RISE TO RISE		
		DIMENSION	
"C"	FLANGE		
"D"	RISE		
"T"	THICKNESS		

**All blanks above must be completed.**

I hereby certify that all quantities, dimensions and conditions shown on this drawing are correct as shown or as corrected.

\_\_\_\_\_  
SIGNATURE  
REPRESENTING \_\_\_\_\_

\_\_\_\_\_  
DATE

**PROJECT:** \_\_\_\_\_

**CUSTOMER:** \_\_\_\_\_

**CONTRACTOR:** \_\_\_\_\_

**QUAN/MODEL:** \_\_\_\_\_