Cambridge Pre-Packaged / Pre-Cut
MaytRx Seating Wall Kit Half and
Quarter Round Layout Manual

use with instruction manual

PRE-CUT

Layout

Instructions

EASY LAYOUT
Layer Reference Guide:

Finished Grade
2 3/8" above foundation

REFER TO INSTRUCTION MANUAL AFTER LAYOUT
IMPORTANT: WHEN MARKING GUIDELINES, MAKE SURE THAT ALL LINES ARE ACCURATE. THIS WILL BE VERY CRITICAL IF MARKED INCORRECTLY.

1. Firepit center most important place everything starts there, put high stake in center “CENTER”

2. With string line Mark 82” in Arch from “CENTER” This is the most important line, this is the inside of the stone wall, if the inside wall of all stones are 82” from center of firepit the Seat Caps will fit, if you are off in any place THEY WILL NOT FIT.

3. Using the Chart above place a line for the beginning and end of rear wall depending on if it is Half or Quarter circle bench Column Stone

4. Use the CENTER and 82” to check the placement of every stones inside face as you set.

5. The Natural Radius of the stones will not create the perfect Radius YOU MUST CHECK EVERY
Concrete Base:

Call 811 for information on underground utility marking. The bench base is 6" deep, 55" wide, by 501" corner to corner. (Follow diagram for all dimensions when making the base). After you mark out the base, following the dimensions on the detail below, you will excavate 6", and remove the subsoil. Next, you will compact the sub-base. Then fill the base with 6" of 3/4" crushed stone compacting every 3" lift (Make sure the foundation is level before you start laying block).

Base Concreta:

Llame al 811 para obtener información sobre marcado subterráneo de servicios públicos. La base del banco es de 6 "de profundidad, 55" de ancho, por 501 "de esquina a esquina. (Siga el diagrama de todas las dimensiones al hacer la base). Después de marcar la base, siguiendo las dimensiones del siguiente detalle, excavará 6 "y eliminará el subsuelo. A continuación, compactará la subbase. Luego llenará la base con 6 " de 3/4" de piedra triturada compactando cada 3 " de elevación (asegúrese de que la base esté nivelada antes de comenzar a colocar el bloque).
Layer 1:


Take page 5 out of the manual, use this to mark the dimensions on your base. It is very important, that the back wall is flush on 82" INSIDE radius line and the front wall face flush on 62" radius line as shown in page 5. The filler block will float in the middle of the two walls with 2" to spare. Set your first course of column block with 1" of offset. Then following the line for the front and back walls, lay out the stones as shown at above detail. Repeating Y-B-A-X module on the back wall and Y-X-B module on the front wall with filler block in between.

*NOTE* IT IS IMPORTANT TO MAINTAIN YOUR RADIUS, IF NOT, WHEN COMPLETED THE NATURAL STONE CAPS WILL NOT FIT
Layer 1:  

Piece Count: (12) A Stone, (12) B Stone, (13) X Stone, (13) Y Stone, (17) Staircase Filler, Column, (2) 6" Corner, (1) "A" Cut, (1) "D" Cut, (1) "E" Cut

DO NOT GLUE this layer the weight of products above will keep it from moving and we have an opportunity to lay the bench out and make adjustments. These next steps are critical
Layer 1 Seat Cap Test

Test of Caps 1:
Set the Template Cap pieces on the First Layer making sure not to interfere with rear wall, maintain the gaps between all pieces. Suggest adding stones over column layout to verify column is correct.

DO NOT GLUE this layer the weight of products above will keep it from moving and we have an opportunity to lay the bench out and make adjustments. These next steps are critical.
Layer 1 Seat Cap Test

Test of Caps 1:
1. There are gaps between back wall and Caps.
2. The Wall stones make a pentagon not a circle meaning it has square edges.
3. Add a Layer of Column to check Column clearance.

DO NOT GLUE this layer the weight of products above will keep it from moving and we have an opportunity to lay the bench out and make adjustments. These next steps are critical.
Layer 2 Top Cap Test

DO NOT GLUE

Test of Top Caps 1:

1. USING THE INSTRUCTION MANUAL install only the real wall maintaining the 82' inside dimension on every stone and second layer of Column Stones followed by third layer of column after caps stones are set to verify clearance, do not glue anything. The weight of the stones above will guarantee no movement.

2. Set a Wall stone Cap Template next to Column

3. Add a Layer of Column to check Column clearance.
Layer 2 Top Cap Test Complete

DO NOT GLUE

Test of Top Caps:

1. Complete installing all Rear Wall Cap Templates and verify Radius and Clearance
2. When all clearance and Radius are verified, proceed to the next step.
3. Now complete your bench always verifying with the CENTER and the layout you just created

DO NOT GLUE this layer the weight of products above will keep it from moving and we have an opportunity to lay the bench out and make adjustments. These next steps are critical
Layer 4-C:

Piece Count: (6) Natural stone seat caps, (8) Column

Look at the above detail to make sure you have left the 2 column block that are marked off. These blocks will be installed after the seat cap has been positioned and glued for final placement. Carefully dry fit the seat and wall caps as shown. If you maintain the correct radius the caps will fit perfectly, if your radius is off, you may need to trim the caps on the ends to make them fit. Once you have achieved the proper dry fit, apply the adhesive, level, and install seats. Now that the seat cap has been installed you can place in the final 2 column block and glue in place.

Capa 4:

Recuento de piezas: (6) Tapas de asiento de piedra natural, (8) Columna

Mira el detalle anterior asegúrate de haber dejado el bloque de 2 columnas que están marcados. Estos bloques se instalarán después de que la tapa del asiento haya sido colocada y pegada para su colocación final. Cuidadosamente séquela las tapas del asiento y de la pared como se muestra. Si mantiene el radio correcto, las tapas encajarán perfectamente; si su radio está desactivado, es posible que necesite recortar las tapas de los extremos para que queden. Una vez que haya logrado el ajuste en seco adecuado, aplique el adhesivo, nivele e instale los asientos. Ahora que se ha instalado la tapa del asiento, puede colocarla en el bloque final de 2 columnas y pegarla en su lugar.
Layer 6A:


Apply concrete adhesive and install the wall stones and cut stones as shown in the photo, maintain your radius on all walls.

Capa 6:


Aplique adhesivo de concreto e instale las piedras de la pared y corte las piedras como se muestra en la foto, mantenga su radio en todas las paredes.