COLONNADE
INSTALLATION INSTRUCTIONS

List of Materials

See Packing List

Tools Required

Drill with a ½” metal bit 10” long
Wrenches
Clamps
Driver for screws and bolts
Level
Tape measure

Metal saw (sawzall with metal blade)
Two eight foot step ladders
COLONNADE
INSTALLATION INSTRUCTIONS

FOUNDATION LAYOUT

CENTER TO CENTER OF POSTCORES

4X4 STEEL POST CORE

3/8 THICK 4x4 STL SUPPORT ANGLE

16" DIAMETER SONOTUBE

INSIDE TO INSIDE OF STL SUPPORT ANGLE

18 foot max
Base of footing to local frostline

9 INCHES OF STEEL POST CORE SHOWS ABOVE THE COLUMN FOR BEAM ATTACHMENT.

Stand column and steel upright into angle iron, and support column while attaching ubolts

Attach steel post core to steel angles with bolts provided

STEEL ANGLE SET INTO CONCRETE BELOW GRADE 2'-0"
COLONNADE
INSTALLATION INSTRUCTIONS
BEAM ASSEMBLY INSTALLATION

GO 1/2 x 7' THRU BOLTS W/ WASHERS & NUTS (LANTEL TO POSTCORE)

4 1/2 POSTCORE WITH ONE LANTEL ON EACH SIDE
1/2" x 7" THRU BOLTS W/ WASHERS & NUTS

DECORATIVE RESSAUT TO CONCEAL CONNECTION HARDWARE
HOLD BEAMS IN PLACE AGAINST THE POST CORE WITH A CLAMP. USE EIGHT INCH LONG ½” DRILL BIT TO DRILL THRU EACH LINTEL AND THE STEEL POST CORE IN A SINGLE PASS.
Predrill holes in the top of the rafters on the ground first then start the long gold screws into the holes.

Drive the gold screws thru the top of the rafter and into the each beam, be careful not to overtighten.
Leave protective plastic on the rafters when installing to help keep rafters clean of handprints. Set back screw first, check level and set front screw. Be careful not to overtighten.

Set then and level the leftmost and rightmost rafters first. Then set the backmost and frontmost purlin. Double check level on both rafters and purlins. Begin installing the remaining rafters and then install the remaining purlins.
Space the outermost two rafters 10 and 1/2 inches in from the tip of each end of the beam. Position each of the remaining rafters equally spaced between the two outermost rafters.

Fasten the purlins using the 5 inch self drilling screws. Install one screw in each purlin along each of the outside rafters. Use the remaining screws to fasten the middle of the purlins to one of the middle rafters.

Space the first purlin 10 and 1/2 inches in from the front tip of the rafters. Next space the last purlin 10 and 1/2 inches in from the back tip of the rafters. Then position each of the remaining purlins equally spaced.