

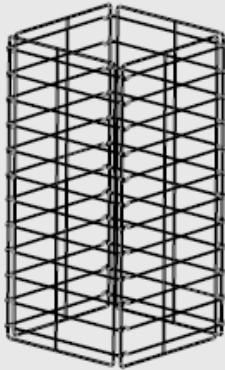
LAFITT TANDEM PILLARS WITH STEEL PILLAR GRIDS

The building of this type of column begins with the use of a steel pillar grid which provides structural support for the veneer units. The units are fastened to the steel pillar grid using specially-designed connectors.

The essential details for building this type of pillar are described below.

90 mm LAFITT TANDEM COLUMN WITH PILLAR GRID ASSEMBLY

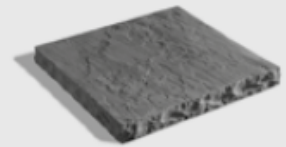
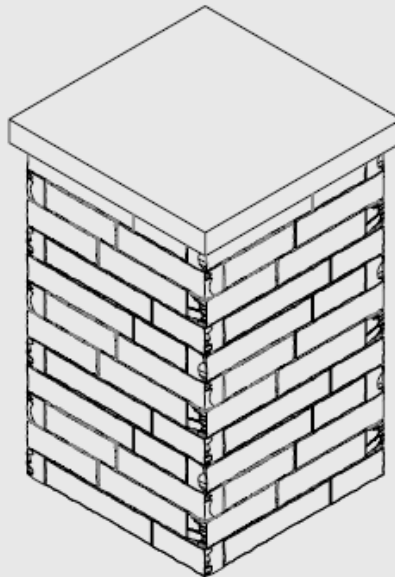
MATERIAL NEEDED:



1 PILLAR GRID



CONNECTORS
200 UNITS PER BAG



ESPLANADE CAPPING
PILLAR MODULE (29" X 29")

90 mm LAFITT TANDEM
VENEER UNITS:

48 REGULAR UNITS
(12A, 12B, 12C, 12D)

48 CORNER UNITS
(12A, 12B, 12C, 12D)

With this material, you can realise one Pillar:

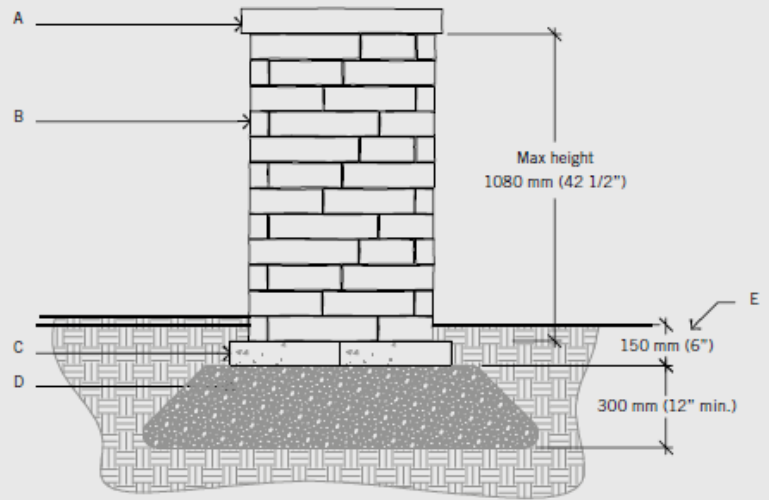
670 mm x 670 mm (26 3/8" x 26 3/8") of 1080 mm in height (42 1/2").

One Pillar needs the use of 2.6 m² (28 ft²) of Veneer units (1 cube).

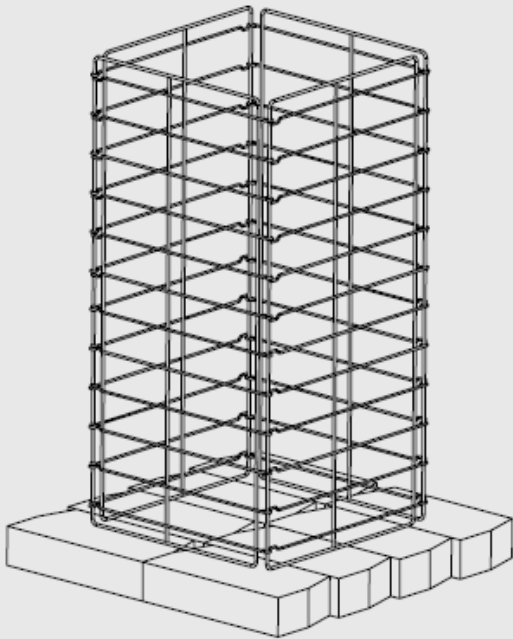
One cube contains 10 Pillar grids and 10 bags of 200 connectors.

LAFITT TANDEM PILLAR GRID - CROSS SECTION

- A Esplanade Capping Pillar Module (29" X 29")
- B 90 mm Lafitt Tandem Veneer unit
- C Starter unit
- D 0-20 mm compacted granular Foundation, 300 mm (12")
- E Minimum Embeded Soil, 150 mm (6")

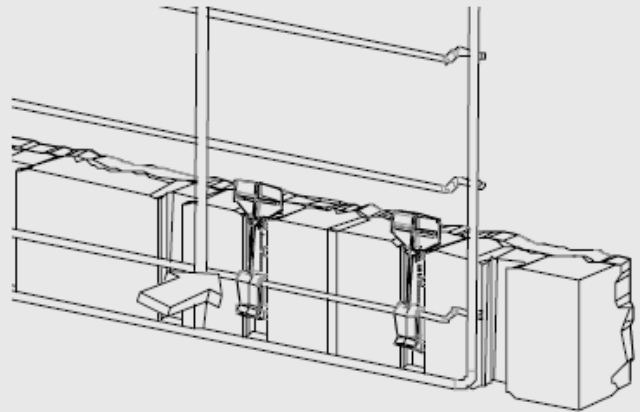
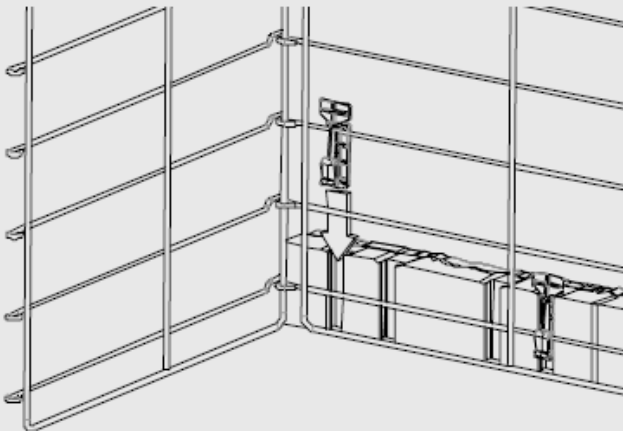


Begin by placing a row (8 units) of starter units on a base of compacted crushed stone. Unfold the steel pillar grid and place it on the prepared surface.



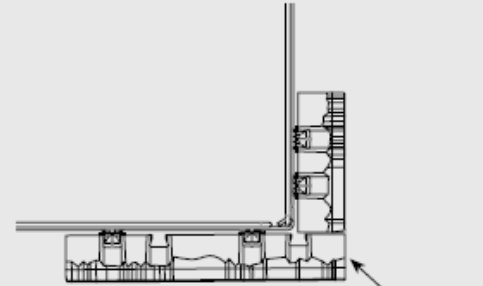
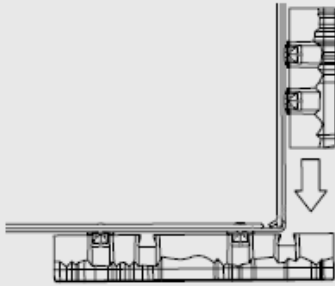
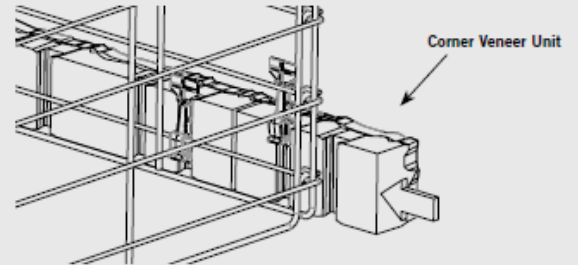
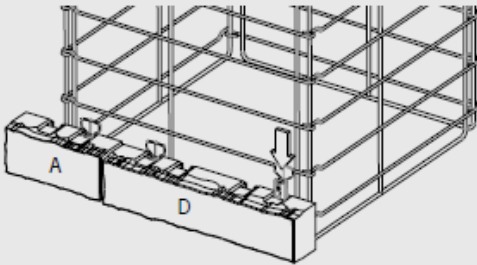
1st ROW OF STARTER UNITS

Insert the pillar connectors (using 2 connectors for each unit) into the veneer units which form the first row of the pillar. Place the veneer units for the first row around the steel pillar grid, making sure to "click" the connectors onto the horizontal wires (refer to the recommended installation pattern for the veneer units which have been selected).



BUILDING THE CORNERS

The corners of the pillar can be built easily by sliding the units along the wire until they line up with the corner unit which was installed previously.



Corner Veneer Unit

LAYING PATTERN

Suggested installation pattern for the optimal use of the Tandem veneer units.

LAFITT TANDEM PILLAR WITH 90 mm UNITS

FIRST 4 ROWS
(OVER THE STARTER UNITS)
360 mm (14 in)

D	A	D	4 TH ROW
C	B	C	3 RD ROW
B	C	B	2 ND ROW
A	D	A	1 ST ROW

INSTALLATION PATTERN TO REPEAT
UP TO DESIRED HEIGHT (FRONT VIEW)

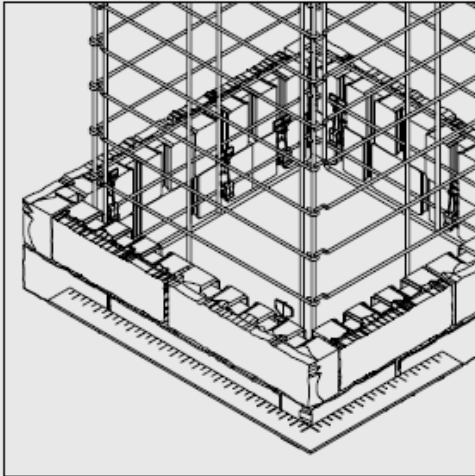
90 mm LAFITT TANDEM PILLAR WITH 180 mm UNITS

FIRST 5 ROWS
(OVER THE STARTER UNITS)
(FOR REFERENCE ONLY)

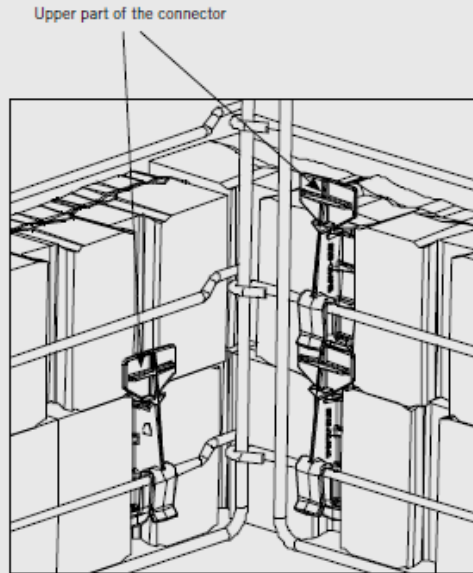
B	B		5 TH ROW	
F		A	E	4 TH ROW
		B		3 RD ROW
B	C	B	2 ND ROW	
A	D	A	1 ST ROW	

INSTALLATION PATTERN TO REPEAT
UP TO DESIRED HEIGHT (FRONT VIEW)

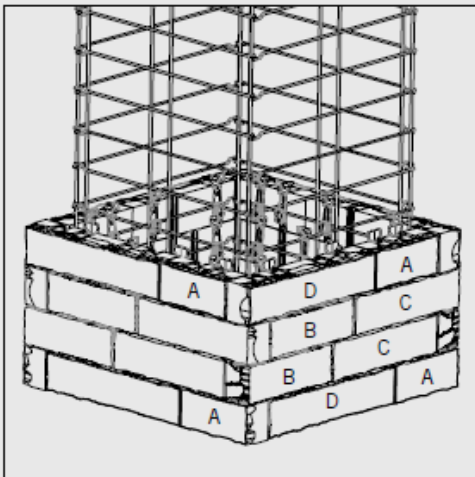
90 mm LAFITT TANDEM PILLAR



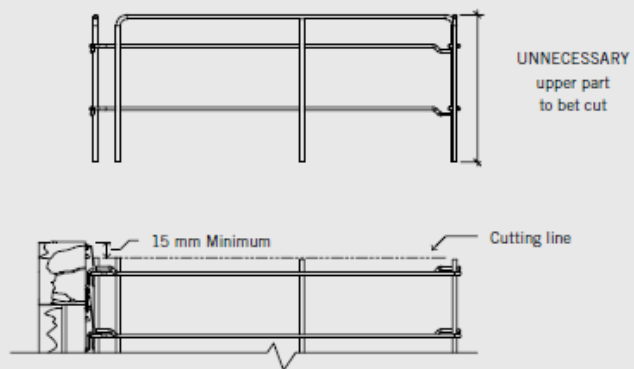
Once the first row has been completed, fill the interior space with clean 20 mm aggregate, and then use a square to ensure that the corner units are perpendicular to each other. Repeat this step after every second row has been completed. Install subsequent rows in the same manner, up to the desired height.



Ensure that the upper part of each connector is firmly in place behind the veneer unit, since it will serve as a support for the unit which will be installed above it.



This is the recommended installation procedure for building the first four rows of a pillar; it makes optimal use of the veneer formats within a pallet: 16 regular Veneers and 16 Veneers with a texture end. Repeating this pattern two more times will build a pillar with 12 rows and a height of 42 1/2 inches.

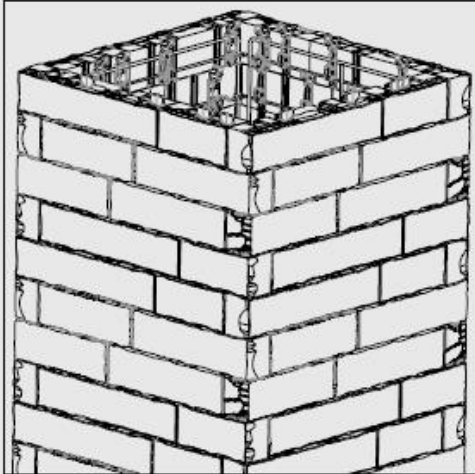


CUTTING INSTRUCTION OF PILLAR GRID (front view)

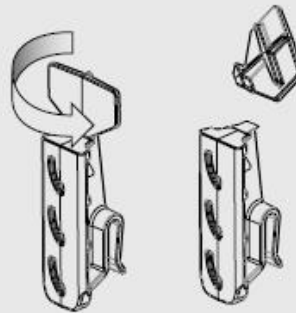
To build a pillar which is shorter than 1067 mm (42"), simply cut away the excess portion of the steel pillar grid with a grinder and cover the exposed edges with a corrosion-inhibiting paint.

A full steel pillar grid can be used to build a pillar with an overall height above ground, including the capping unit, of 1067 mm (42").

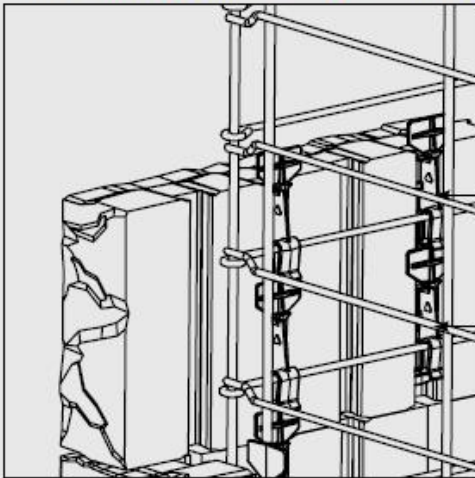
When the last row is reached, cut off the tops of the connectors with sheet-metal shears or twist them off by hand. Then install the capping unit on the pillar, adhering it in place with glue. Important note: the capping unit must rest on the veneer units and not on the steel pillar grid.



*** Important note: the Capping unit must rest on the veneer units and not on the Pillar grid**



LAFITT TANDEM PILLAR 90 and 180 mm VENEER UNITS



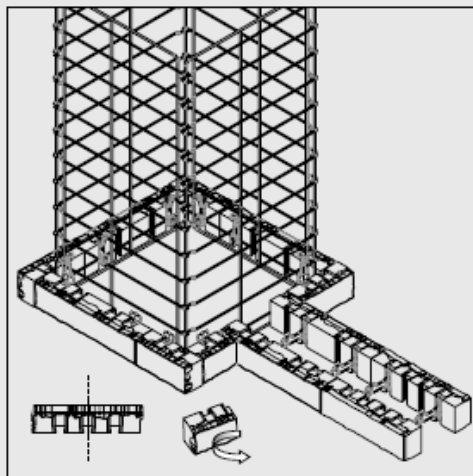
When using 180 mm high veneer units, use four connectors as shown below, beginning with the two lower ones and ending with the two upper ones.

To integrate 180 mm units into a pillar, use only 180 mm E and F units with textured corners.

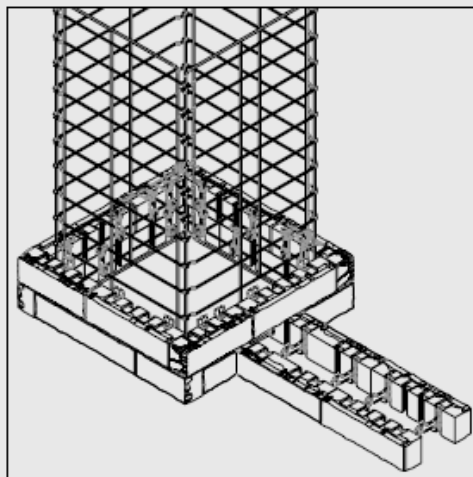
Carefully place the veneer units so that the joints are staggered, and ensure that you place at least one 180 mm unit on each side of the pillar, and not more than two.

JOINING A DOUBLE-SIDED WALL TO A PILLAR

To join a double-sided wall to a pillar, you must cut the veneer unit for the pillar at every second row. Cut it at the centre of the dovetail recess.



For the second row, run the unit across the double-sided wall.



Begin the second row of the double-sided wall from the face of the pillar.

