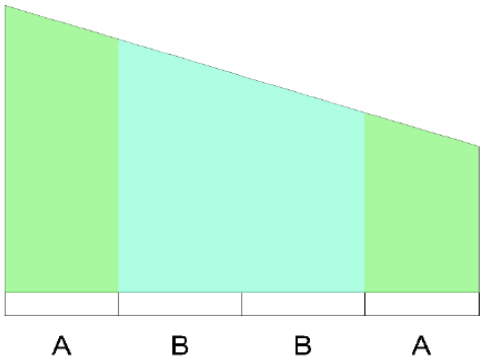

The illustration on the left shows the required screw spacings based on the loading. For the spacing the weight of the build-up as well as wind preassures/suction has been considered. The inindividual areas like (A) and (B) in the illustration would consider different wind pressures on the corner compared to the center of the wall. IN this case (and the entire project) the spacings are identical for all areas of the wall.

Both screws are required at all locations. The straight screw is for the suction and the other supports the weight of the build-up. THUS, the pair of screws is required at every stud every 2'-9 1/2" (rounding that 1/16" is OK).

Screw distances **Wall 1/**

	(A)	(B)		decimal inch	ft/	inch (fraction)
min a1c [mm]	120	120	=	4.72	0	4 12/16
min a1 [mm]	200	200	=	7.87	0	7 14/16
e1e2 [m]	0.85	0.85	=	33.46	2	9 7/16
max e1 [m]	1.04	1.04	=	40.94	3	4 15/16
max e2 [m]	1.75	1.75	=	68.90	5	8 14/16

min a1c → minimum distance required between vertical batten joint and screw(s)

min a1 → minimum distance required between the two different screws

e1e2 → spacing between the set(s) of screws