

Location of Control Joints

Control Joints should be located at the following points of weakness or high stress concentrations:

1. At all abrupt changes in wall height
2. At all changes in wall thickness, such as those at pipe or duct chases and those adjacent to columns or pilasters.
3. Above joints in foundations and floors
4. Below joints in roofs and floors that bear on the wall
5. **At a distance of not over one-half the allowable joint spacing from bonded intersections or corners**
6. At one or both sides of all door and window openings unless other crack control measures are used such as joint reinforcement or bond beams

CONTROL JOINT SPACING FOR MOISTURE CONTROLLED, TYPE 1* CONCRETE MASONRY UNIT

(*The designation Type 1—moisture controlled was removed from ASTM C90)

Recommended Spacing of Control Joints	Vertical Spacing of Joint Reinforcement			
	None	24"	16"	8"
Expressed as ratio of Panel length to height L/H	2	2 1/2	3	4
With Panel Length (L) Not to Exceed:	40'	45'	50'	60'

Historical