CLOSET CARRIERS



Closet Carrier Position Chart for Wheelchair Facilities **3**



The particular location. Blank spaces mean that the carrier cannot be used in that location. The following only standard drain line to the stack. either siphon jet or blowout fixtures, and should eliminate confusion about installations for the physically disabled.

CLOSET CARRIER SELECTION INSTALLATIONS FOR THE PHYSICALLY DISABLED

Based on 3 in. difference in elevation between normal and high rough fixtures, and on 36 inches between fixtures [horizontally]. See note below.*

	STACK				HORIZONTAL CARRIER LOCATIONS															SLOPE					
LINE		1			2			3			4			5			6			7			8	PER	
	Α	В	С	Α	В	С	Α	В	С	Α	В	С	Α	В	С	Α	В	С	Α	В	С	Α	В	С	FOOT
1	0	•	A																						1/8 in.
2	0	•	A	0		A																			1/8 in.
3	0	•	A	0		A	0		A																1/8 in.
4	0	•	A	0		A	0		A	0		A													1/8 in.
5	0		A	0		A	0		A		•	A													1/4 in.
6	0		A	0			0		A	0		A		•	A										1/4 in.
7	0		A	0		A	0		A	0		A	0		A		•	A							1/8 in.
8	0		A	0			0		A		•	A				1/8 in.									
9	0		A	0			0			0		A	0		A	0		A	0		A		•	A	1/8 in.

 $A = \bigcirc = Normal rough with standard 12000 Series Carrier$

 $B = \bullet = High rough with standard 12000 Series Carrier$

 $C = \triangle$ = High rough with 12000-35 Series Carrier

Carriers ○ and ▲ are required for back-to-back mounting when one fixture is normal rough and the other is high rough.

EXAMPLE:

A. Requirement: Plans call for rest rooms back-to-back, each with six water closets, one of which is to be high rough.

B. Solution: Because six fixtures are involved, refer to column 6, line 7. Note that a standard 12000 Carrier [sub-column B] can be used for the high rough fixture at the upstream end of the branch. The remaining five fixtures, all at normal rough, can be mounted on standard 12000 Carriers as shown in columns 1 through 5, sub-columns A.

Note that the standard 12000 Carrier can be used in a high rough position at the stack or at the upstream end of the horizontal branch, depending on the number of closets required, as shown in sub-columns B. Either of these locations is preferred for the high rough water closet. Thus, for most installations, the standard 12000 Carrier is suitable. However, if the high rough water closet cannot be so located, the 12000-35 high rough Carrier can be used in almost any location, depending on the number of closets required. In this case it may be necessary to increase the horizontal spacing between locations to some distance greater than 36 inches. If so, the above chart is no longer applicable. Furthermore, whenever the fixture arrangement for back-to-back water closets requires high rough on one side and normal rough on the other side, the 12000-35 Carrier must be used on the high rough side.

For unusual requirements not covered by this chart, we suggest you contact your JOSAM Representative.

*NOTE: Even though specific construction requirements for the physically disabled may vary from one jurisdiction to another, those specified in American National Standard ANSI A117.1-1980 are generally accepted. In this standard, Section 4, Paragraph 4.16.3 states that the height of water closets shall be 17 to 19 in. to the top of the seat. This confirms the water closet rim height of 18 in. for the physically disabled, previously established in ANSI A112.19.2, which is a standard for vitreous China plumbing fixtures. In compliance with these standards, the above selection chart has been developed using a 3 in. difference in elevation between normal rough fixtures [15 in. rim height] and high rough fixtures [18 in. rim height].