

Secondary Handrail

Component Worksheet

Our versatile Secondary Handrail system can be joined in any configuration to meet virtually any installation challenge. Use this worksheet to determine the materials you will need to complete your Secondary Handrail. Prior to installing, check with local building codes and ADA guidelines for installation requirements.

Helpful Tips

- Handrails must be supported every 6' on-center by a 3" Offset Aluminum Bracket.
- For maximum strength, brackets should be used at every post and every joint, or as closely as possible to the joint.
- The 6" Aluminum Joiner Kit or 5-3/4" Adjustable Joiner is necessary to connect any two handrail components.
- The 5-3/4" Adjustable Joiner can be used to make 0 to 90 degree angles if Stair Elbows do not suit your situation.

Railing Section	Components Needed per Railing Section	Total Quantity	Check Color Choice			
			White	Tan	Adobe	Black
90° Inside Corner	1 6" Inside Corner Mounting Bracket					
	1 90° Inside Corner					
	2 6" Aluminum Joiner Kits		-	-	-	-
90° Outside Corner	1 90° Outside Corner					
	2 3" Offset Aluminum Brackets					
	2 6" Aluminum Joiner Kits		-	-	-	-
Handicap Loop	1 12"x18"x12" Handicap Loop					-
	1 6" Aluminum Joiner Kits		-	-	-	-
	2 3" Offset Aluminum Brackets					
	1 Grab Rail End Cap					
	OR					
	1 12"x18"x12" Handicap Loop					-
	1 6" Aluminum Joiner Kits		-	-	-	-
Line Post	1 3" Offset Aluminum Bracket					
	1 Handrail with Aluminum Insert					
32° Stair Elbow	1 32° Stair Elbow					-
	1 3" Offset Aluminum Bracket					
	2 6" Aluminum Joiner Kits		-	-	-	-
34° Stair Elbow	1 34° Stair Elbow					-
	1 3" Offset Aluminum Bracket					
	2 6" Aluminum Joiner Kits		-	-	-	-
36° Stair Elbow	1 36° Stair Elbow					-
	1 3" Offset Aluminum Bracket					
	2 6" Aluminum Joiner Kits		-	-	-	-
5° Ramp Elbow	1 5° Handicap Elbow					-
	1 3" Offset Aluminum Bracket					
	2 6" Aluminum Joiner Kits		-	-	-	-
Stair Elbow - Odd Angle	1 5-3/4" Adjustable Joiner		-	-	-	-
	2 Handrail with Aluminum Insert sections					
Straight Handrail Termination	1 Straight Aluminum Wall Mount					
90° Handrail Termination	1 3" Offset Aluminum Bracket					
	1 90° Aluminum Post Return					
180° Handrail Termination	1 180° Post Return					
	1 3" Offset Aluminum Bracket					
	1 6" Aluminum Joiner Kit		-	-	-	-
13-1/2" Wall Return	1 13-1/2" Wall Return					-
	1 3" Offset Aluminum Bracket					
	1 6" Aluminum Joiner Kit		-	-	-	-

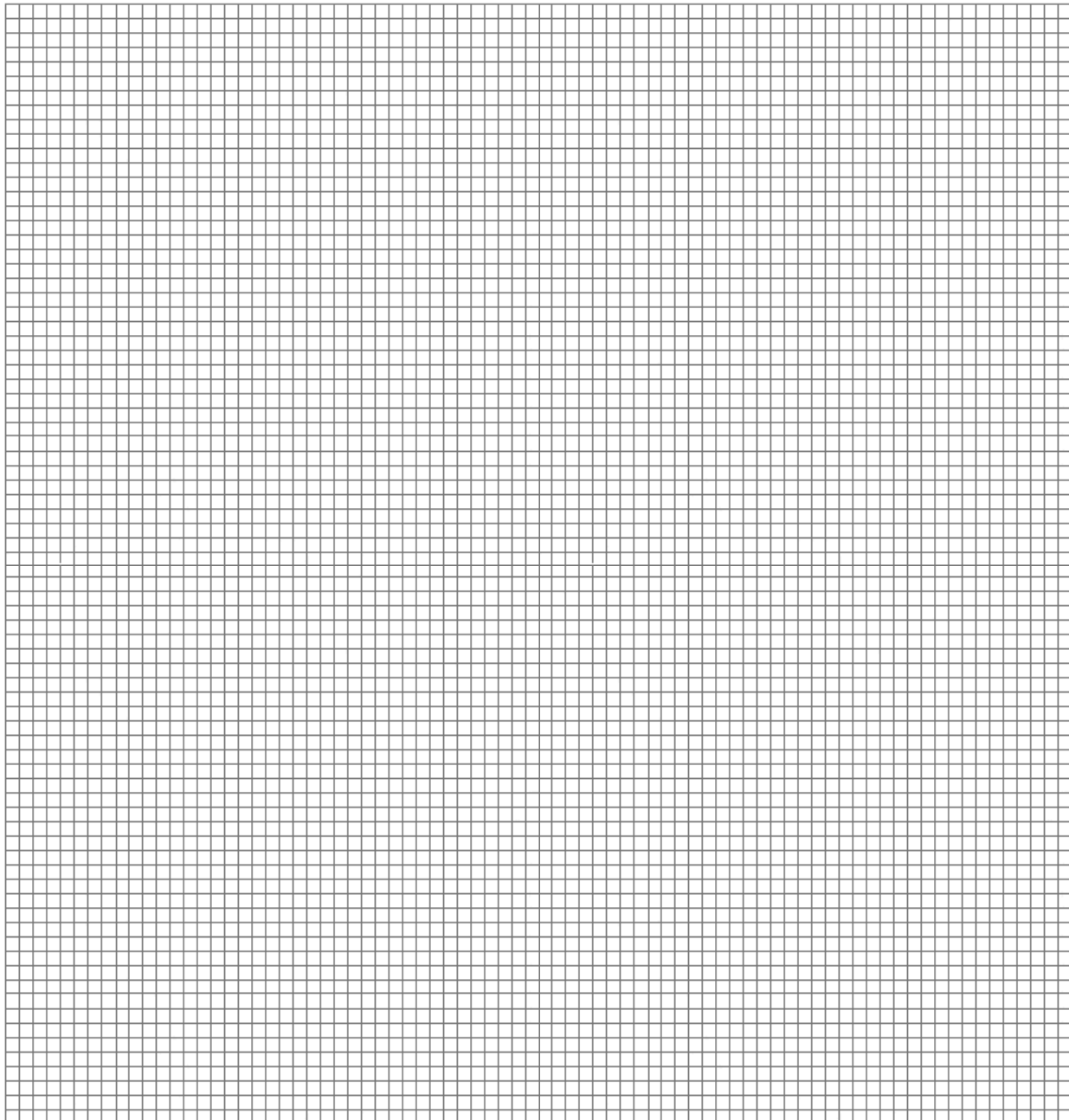
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List the total quantity of each component below

6" Inside Corner Mounting Bracket		32° Stair Elbow	
90° Inside Corner		34° Stair Elbow	
6" Aluminum Joiner Kits		36° Stair Elbow	
90° Outside Corner		5° Handicap Elbow	
3" Offset Aluminum Brackets		5-3/4" Adjustable Joiner	
12"x18"x23" Handicap Loop		Straight Aluminum Wall Mount	
Grab Rail End Cap		180° Post Return	
90° Aluminum Post Return		13-1/2" Wall Return	
Handrail with Aluminum Insert			

Use grid below for basic layout drawing.



Secondary Handrail

Components



3" Offset Aluminum Bracket



8'8" Handrail with Aluminum Insert



3" Offset 90 Degree Aluminum Post Return



Straight Aluminum Wall Mount, 1-3/4" Base



1" Grab Rail End Cap



90 Degree Outside Corner



6" Inside Corner Mounting Bracket



90 Degree Inside Corner*



6" Aluminum Joiner Kit



5-3/4" Adjustable Joiner



12"x18"x12" Handicap Loop*



180 Degree Post Return*



32 Degree Stair Elbow*



34 Degree Stair Elbow*



36 Degree Stair Elbow*



5 Degree Handicap Elbow*



13-1/2" Wall Return*