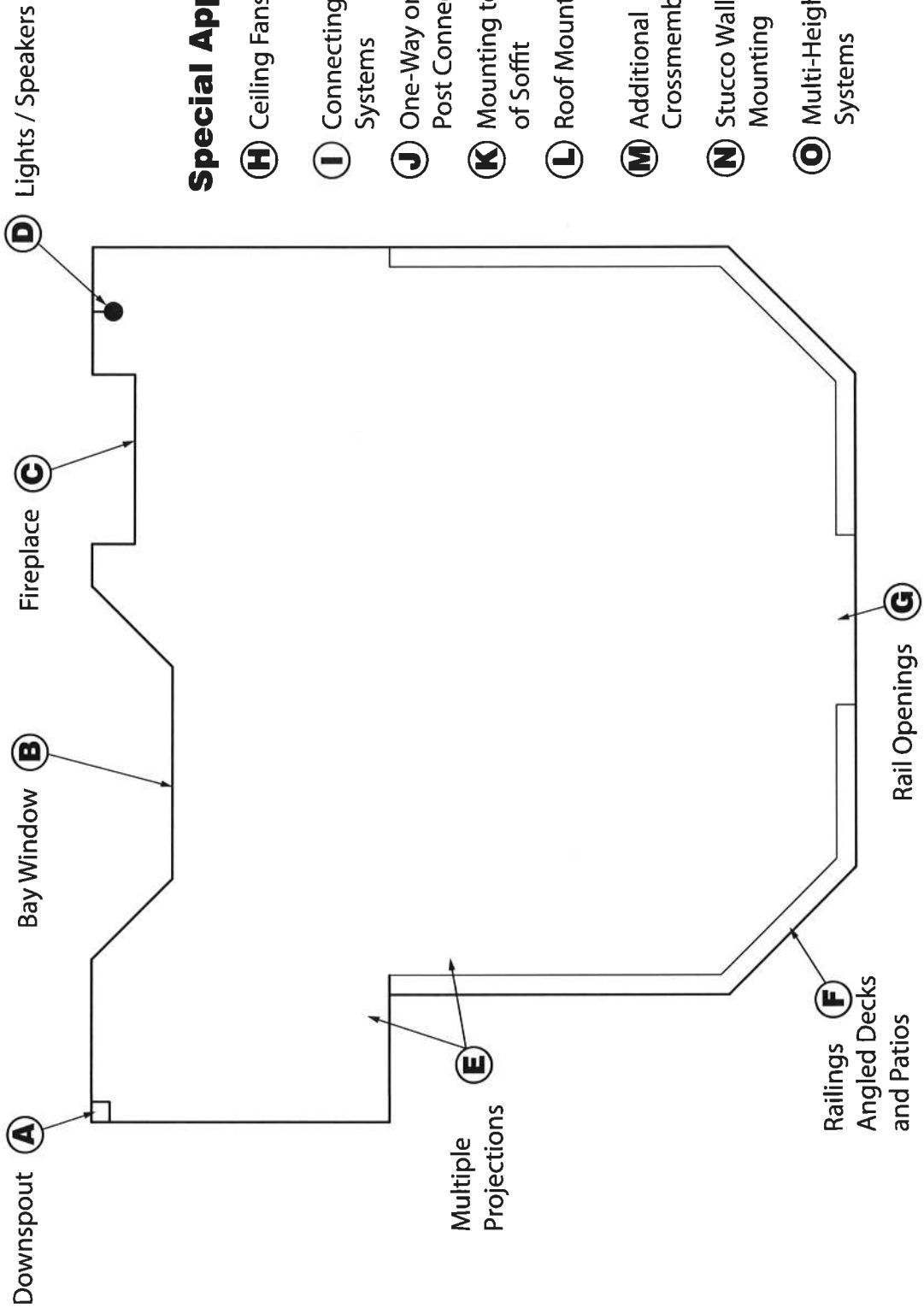


Typical Deck Shapes and Obstructions



Special Applications

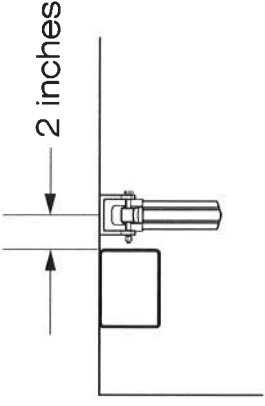
- H** Ceiling Fans
- I** Connecting Multiple Systems
- J** One-Way or Two-Way Post Connections
- K** Mounting to Underside of Soffit
- L** Roof Mounting
- M** Additional Crossmembers
- N** Stucco Wall Mounting
- O** Multi-Height Systems

The following pages illustrate solutions for Deck Shapes and Obstructions

System Applications

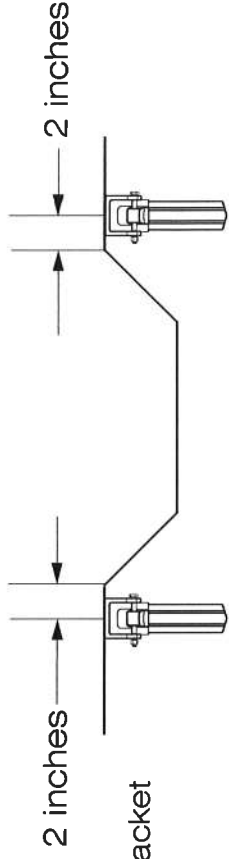
A Downspout

Dia.1 Mounting brackets for projection tracks are mounted 2" to the center of the bracket from the sides of the downspout.

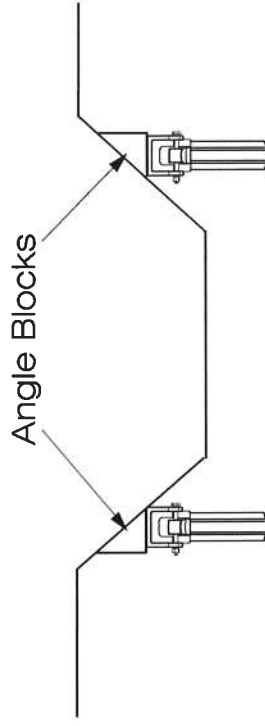


B Bay Window

Dia.1 Mounting brackets for projection tracks can be mounted 2" to the center of the bracket from corners of the bay window..

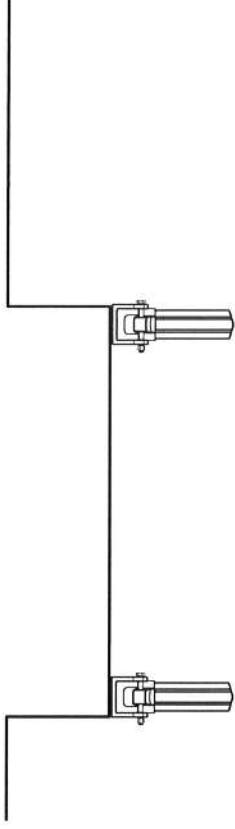


Dia.2 Angle blocks (provided by the installer) can also be used if mounting on the angled section of the ledger above the window. Angle blocks are needed to fasten the mounting brackets at right angles to a surface.

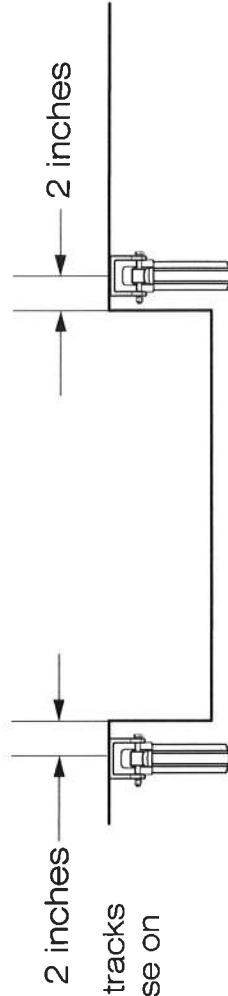


© Fireplace

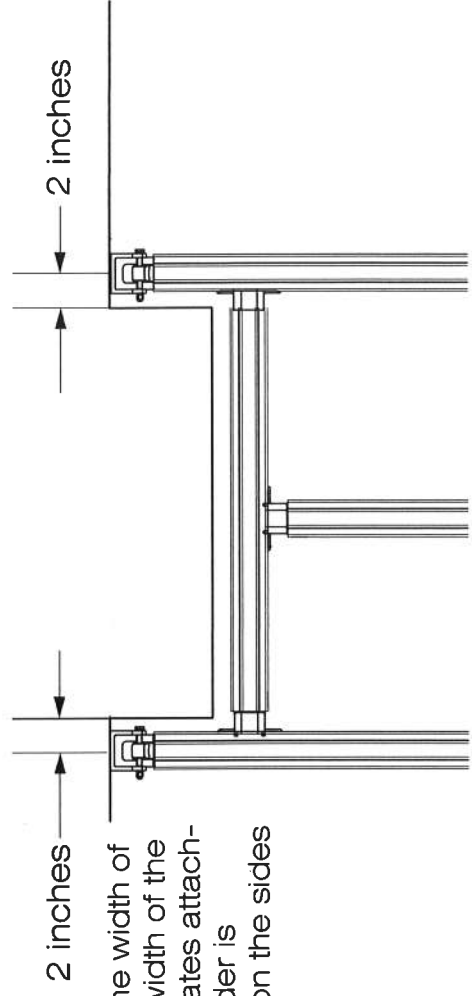
Dia.1 Mounting brackets for projection tracks can be mounted directly into brick using masonry screws.



Dia.2 Mounting brackets for projection tracks can also be mounted on the house on either side of the fireplace.

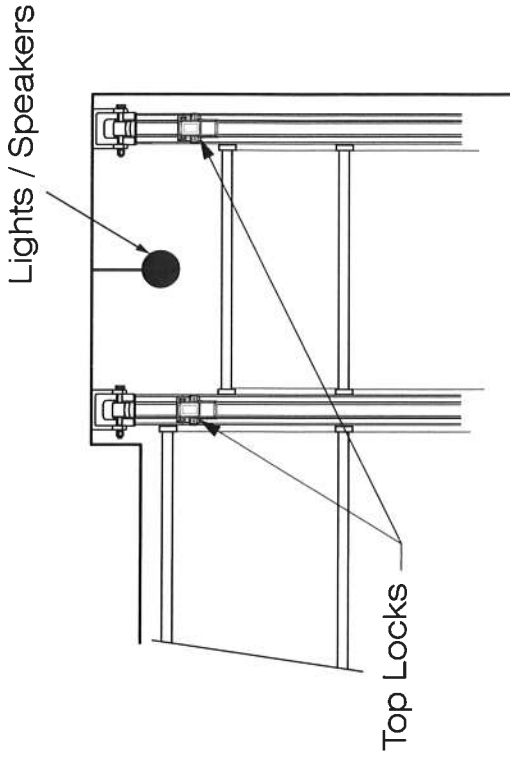


Dia.3 A header beam can be used if the width of the fireplace is greater than the width of the canopy. This method also eliminates attaching directly to the brick. The header is connected to projection beams on the sides of the fireplace.



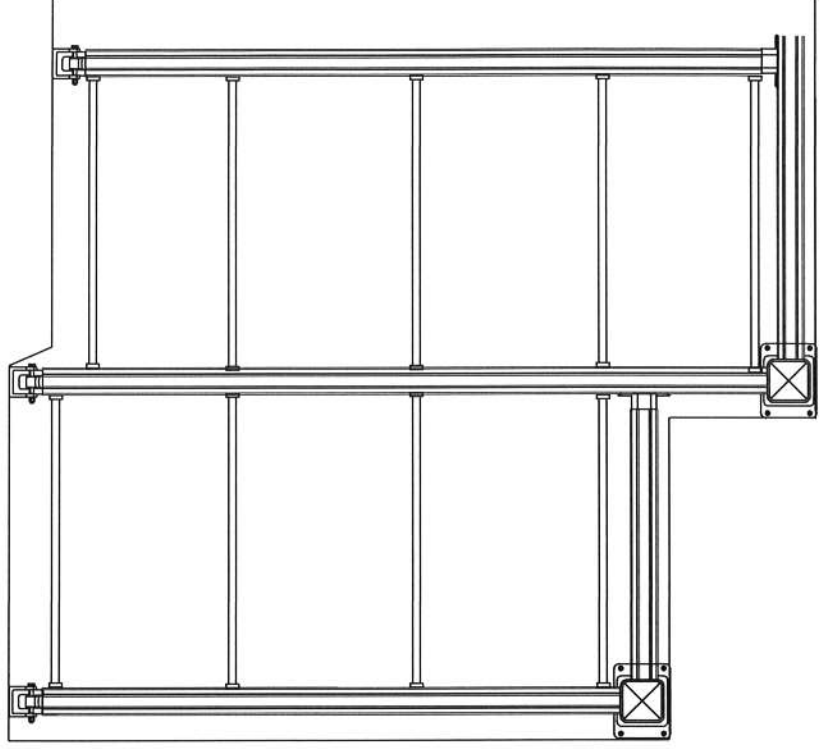
D Lights
Speakers

Dia.1 The last section or two sections of the canopy can be "locked out" to accommodate lights or speakers mounted to the house. The projection tracks are mounted to the house.

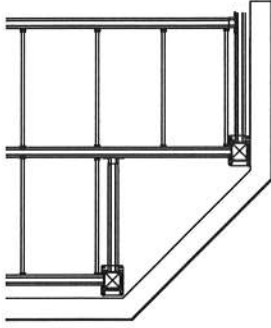


E Multiple
Projections

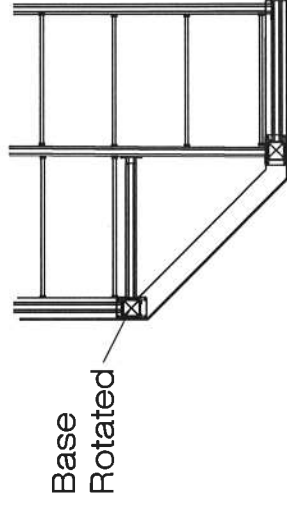
Dia.1 The system can adjust for multiple projections. Additional posts and headers are required for varying projections.



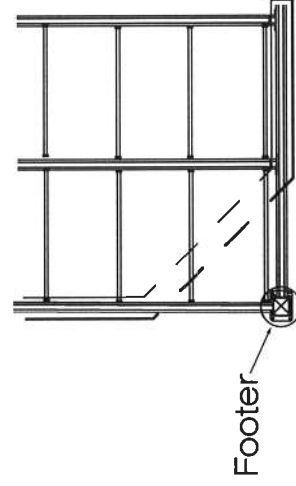
F Railings Dia.1 The Posts can be mounted inside of the Angled Decks and Patios railing on the deck.



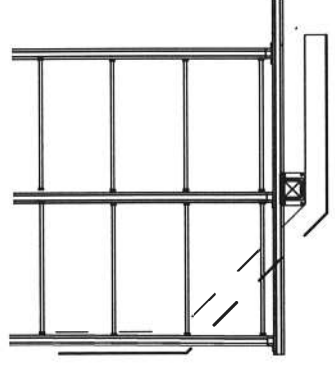
Dia.2 Post can be mounted on top of the railing if the depth of the railing is at least 5 1/2 inches.



Dia.3 Posts can be mounted outside of the deck. If mounting in the ground, concrete footers or paver blocks need to be used.



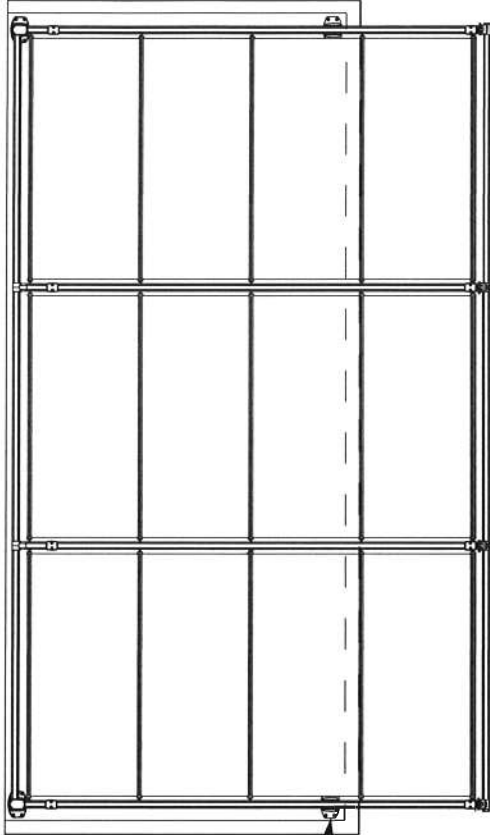
Dia.4 The Greenbriar System also has a Variable Post version which utilizes a different post and header mounting bracket application. The posts are mounted to the deck, and the header is cantilevered beyond the inside of the deck railing. The maximum cantilever is 36 inches.



F Railings
Angled Decks
and Patios

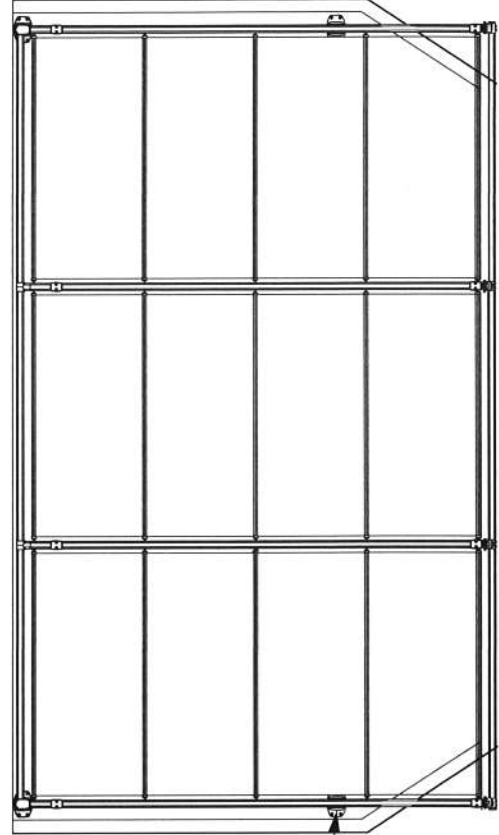
Dia.1 The Capri System utilizes a "Cantilever Post Bracket" to extend the projection beams beyond the post.

Cantilever Post Bracket



Dia.2 The Capri System utilizes a "Cantilever Post Bracket" to extend the projection beams beyond the post for angled deck applications.

Cantilever Post Bracket



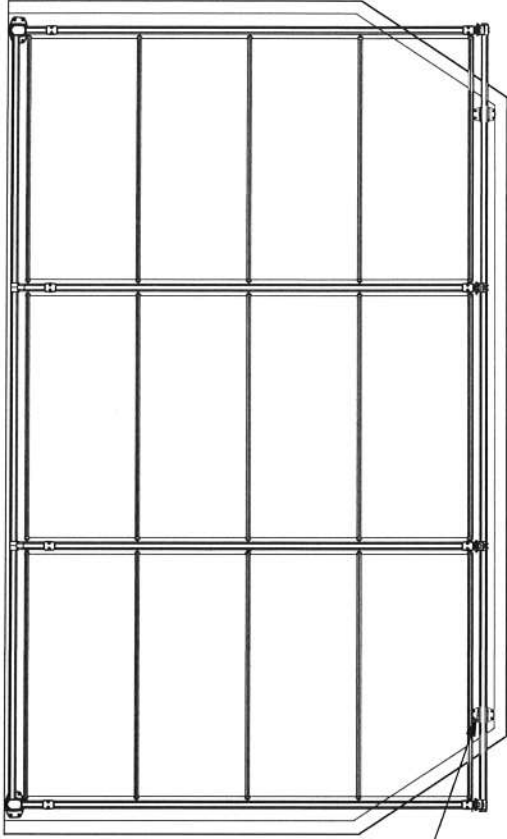
F Railings
Angled Decks
and Patios

Dia.3 The Capri Cantilever Post Bracket can also be used as a Variable Post system for the header.

The base and post are rotated to allow the header to be cantilevered. This application is similar to the Greenbriar Variable Post system.

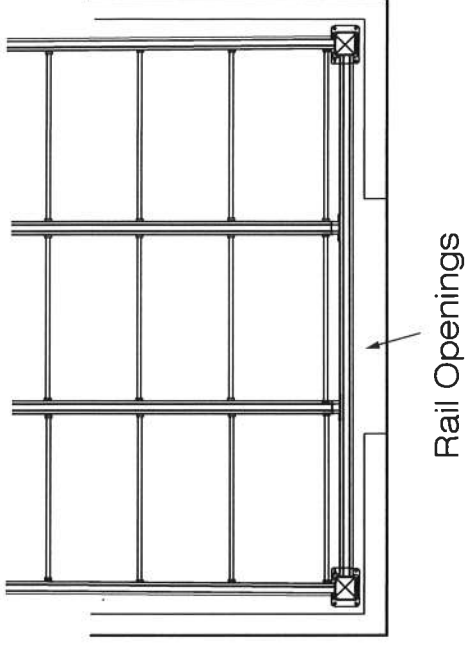


Cantilever Post
Bracket Rotated
for Header.

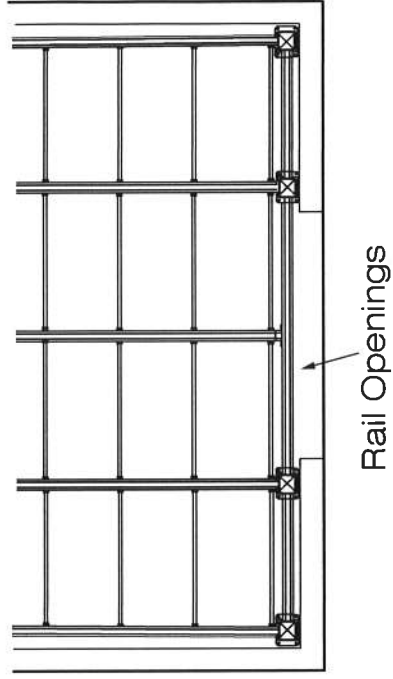


G Railing
Openings

Dia.1 Posts can be mounted normally and the header will "bridge" the opening.



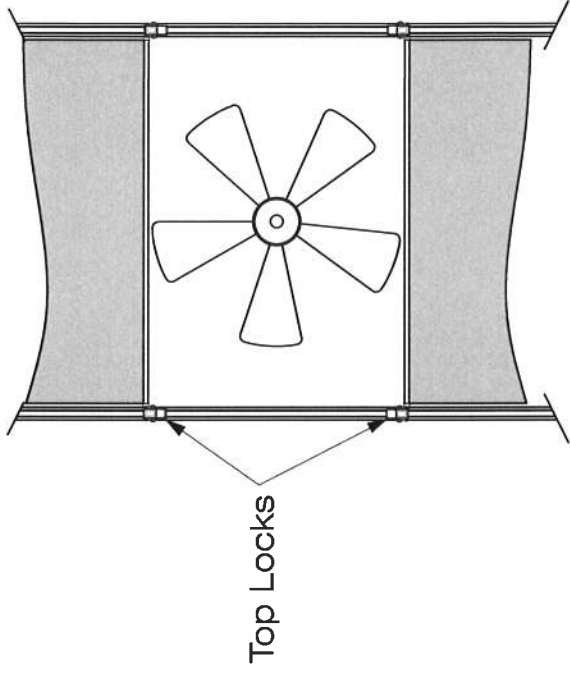
Dia.2 Posts can be mounted on either side of the opening with a header between the posts. Custom cutting the canopies can accommodate any special widths.



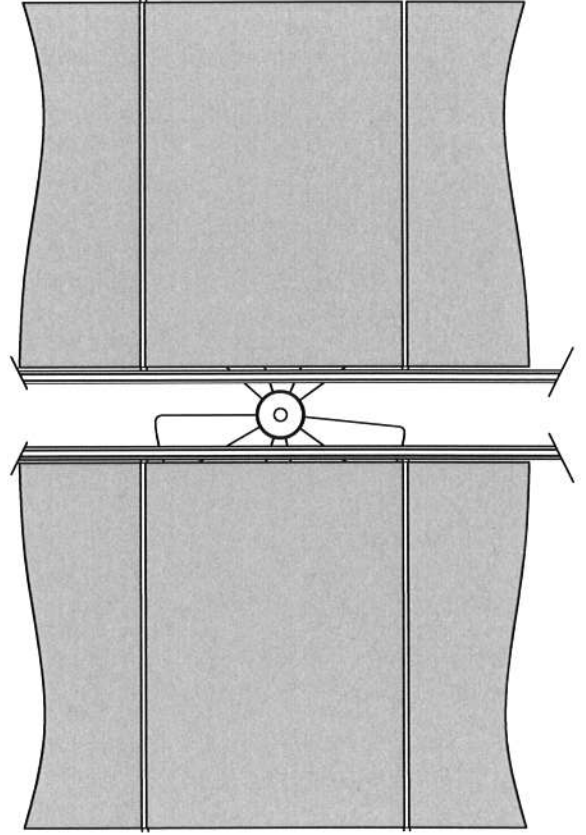
Special Applications

(H) Ceiling Fans

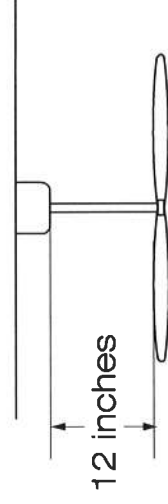
Dia.1 Canopies can be "Locked Out" on both sides of the fan.



Dia.2 Canopy projection tracks can be utilized on the sides of the motor and extension of the fan. A minimum height of 12 inches for the extension rod between the motor and the fan blade is necessary. This height is needed for clearance of the "Handle" drop when opening and retracting the canopies.



Side View



1 Connecting Multiple Systems

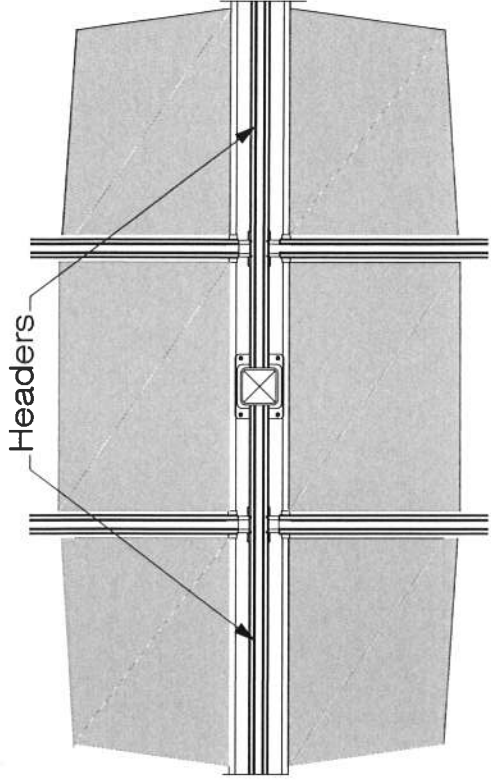
Dia.1 Connecting two or more systems together is accomplished by sharing a common header and posts. A (2-way) post bracket is utilized to connect the systems together at the shared headers. Mid-Beam brackets attach the tracks to the shared headers.



(2 - Way) Post Bracket

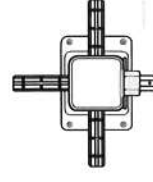


Mid-Beam Bracket

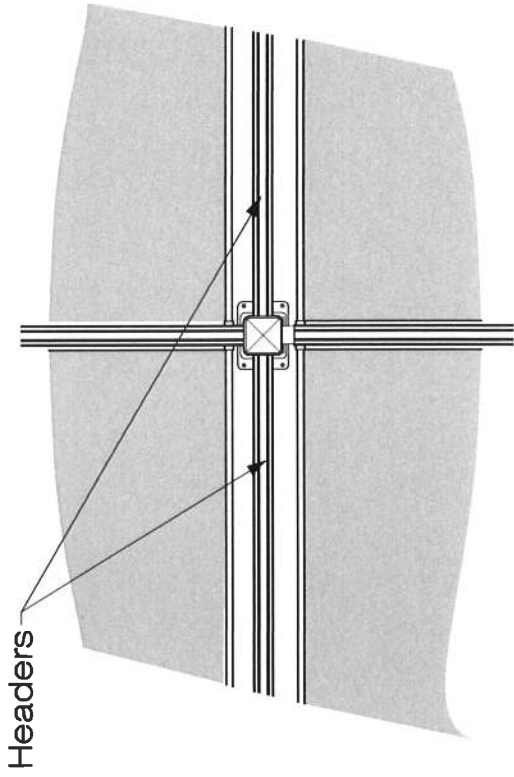


Headers

Dia.2 Connecting two or more systems together is accomplished by sharing a common header and posts. A (4-way) post bracket is utilized to connect the systems together.



(4 - Way) Post Bracket



Headers

J One or 2-Way Post Connections

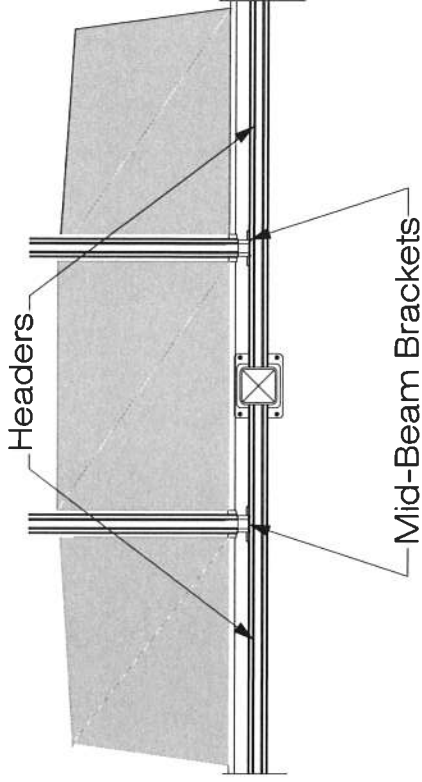
Dia.1 2-Way Post bracketing can be used to give a symmetrical look when there are an odd number of canopies, or when a specific location of the posts are required.



(2 - Way) Post Bracket



Mid-Beam Bracket



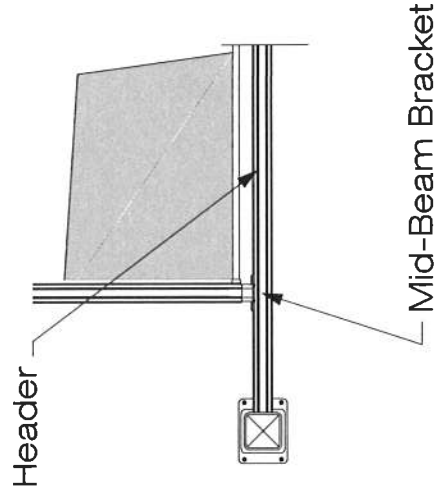
Dia.2 1-Way Post bracketing can be used when it is necessary to mount the header to a post off the deck or when a cantilevered situation is needed for clearance of the header.



(1 - Way) Post Bracket

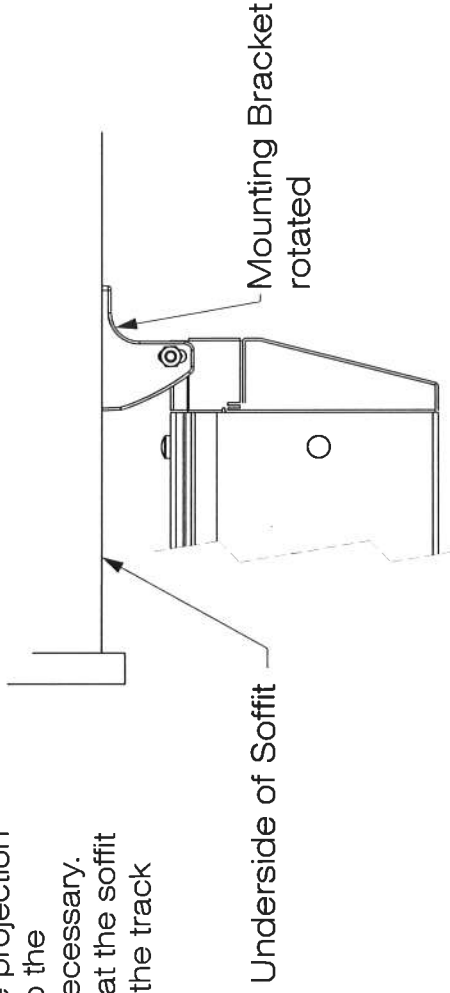


Mid-Beam Bracket



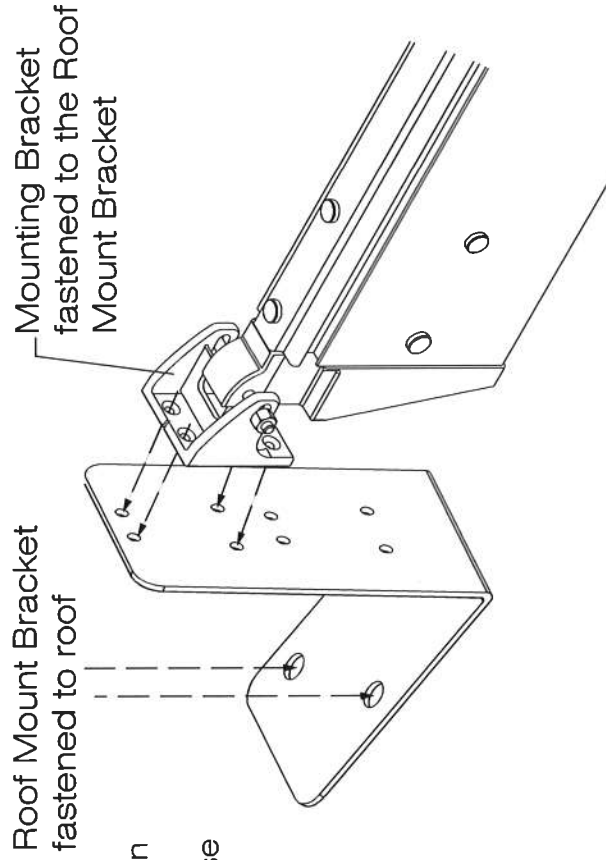
K Mounting to the underside of Soffit

Dia.1 Mounting Brackets for the projection tracks can be mounted to the underside of the soffit if necessary. It is important to check that the soffit will support the weight of the track and canopies.



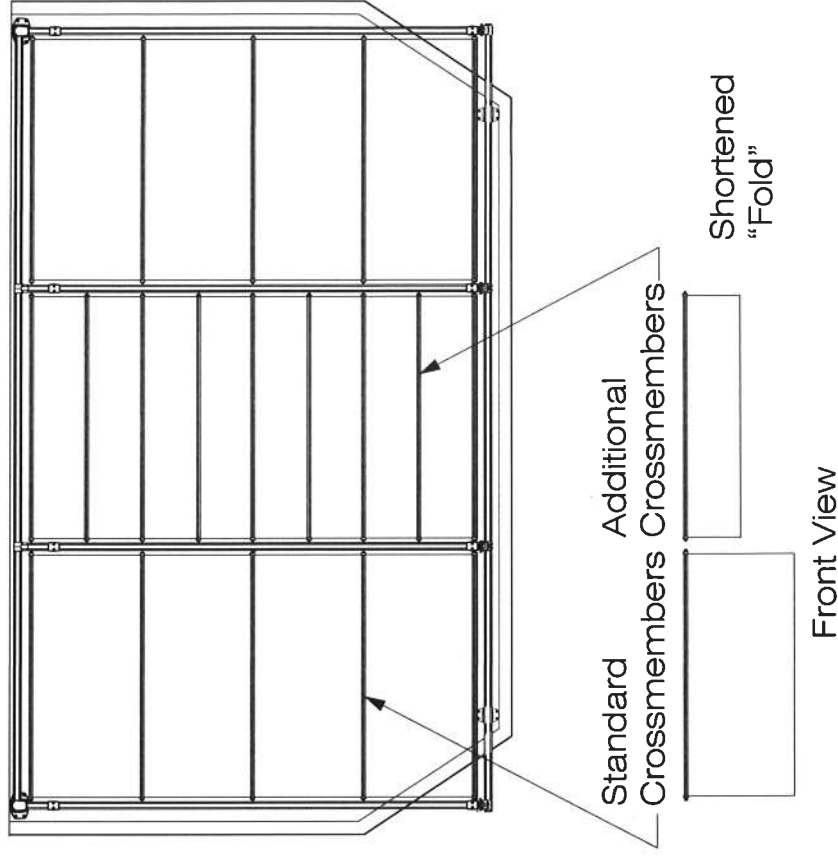
L Roof Mounting

Dia.1 Roof Mounting can be an option when there is not enough height to attach mounting brackets to the house and still have enough "headroom" for clearance of the projection tracks. Special Roof Mounting Brackets are used to mount the tracks.



M Additional Crossmembers

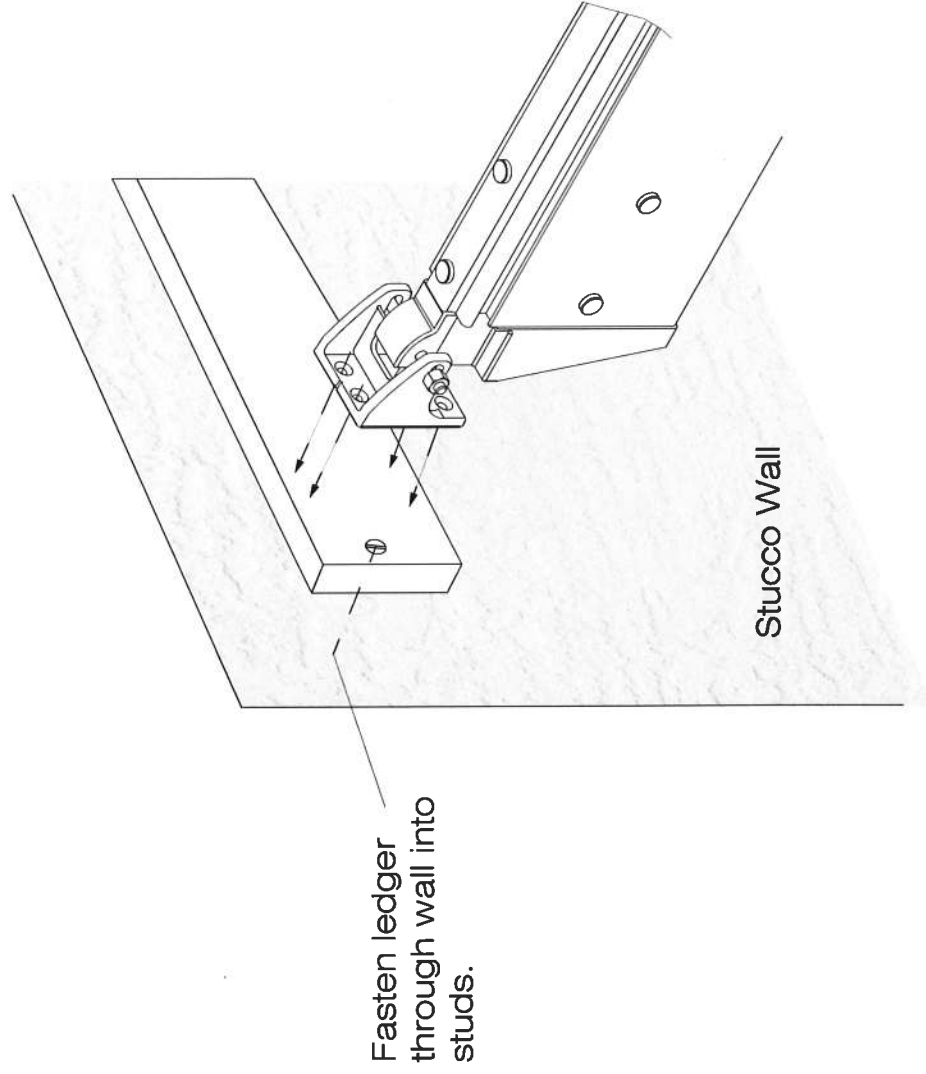
Dia.1 Extra Crossmembers can be added to standard canopy sections to shorten the "fold" of the canopies when they are retracted. Shortened folds can be used when "headroom" clearance is needed due to a low track height, or in areas above doors or windows when standard folds would be too large. This method can also be used in high wind areas



The "Fold" is the amount the fabric hangs down when the canopies are retracted.

N Stucco Walls

Dia.1 When fastening mounting brackets to a Stucco wall, a ledger board is recommended to avoid cracking of the stucco surface. The ledger board should be mounted through the stucco into the internal studs of the wall.



Multi-Height Systems

The Greenbriar, Capri, and Pergola System using 4 x 4 posts can accommodate varying heights for attached and freestanding systems. Varying canopy heights for the Capri and Greenbriar Systems, use "Shared Posts" and a corner bracket and track at each of the two canopy heights. The Pergola system using 4 x 4 posts attach the headers at the various heights to the posts.

