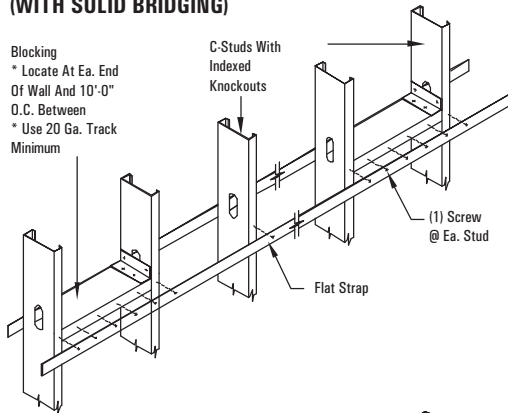


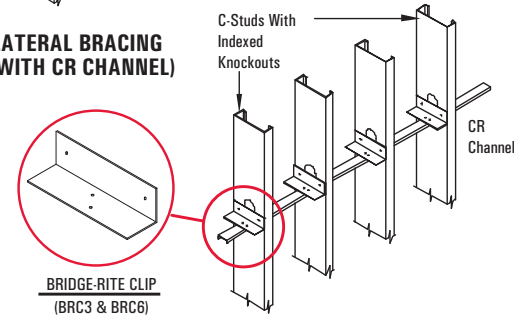
## WALL APPLICATIONS

### LATERAL BRACING (WITH SOLID BRIDGING)

Blocking  
\* Locate At Ea. End  
Of Wall And 10'-0"  
O.C. Between  
\* Use 20 Ga. Track  
Minimum



### LATERAL BRACING (WITH CR CHANNEL)



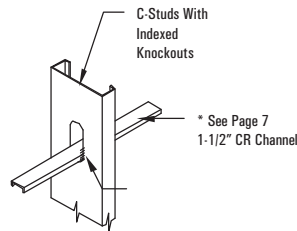
### MAXIMUM VERTICAL SPACING OF BRIDGING

Maximum Depth of Stud	Non-Axial (Curtainwall)		Axial (Load Bearing)	
	First Row	Balance	First Row	Balance
4"	5'-0"	4'-0" O.C.	3'-0"	4'-0" O.C.
6"	5'-0"	4'-0" O.C.	3'-0"	4'-0" O.C.
All Depths	5'-0" O.C. Max.		4'-0" O.C. Max.	

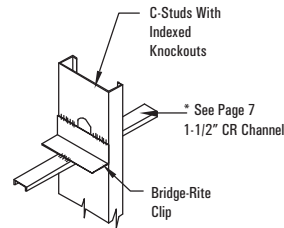
#### Notes:

- In curtainwall construction, studs shall be braced against rotation by diaphragm rated sheathing board applied full height to each side of the wall. The installation of mechanical bridging, spaced 5'-0" on center, provides adequate rotational restraint for walls under construction before the installation of sheathing. Where the wall is not sheathed full height each side or sheathed on one side only, continuous bridging spaced 5'-0" on center shall provide rotational support. Reductions in allowable bending capacity must be investigated separately. When sheathing is used to brace the studs, the products shall maintain their structural integrity during the course of construction and the service life of the wall. The attachment of the sheathing should conform to the minimum requirements of industry standards and/or products specifications.
- In axial load bearing construction, studs shall be braced against rotation before loading. Install bridging spaced at intervals not exceeding 4'-0" on center.
- Reference page 3 for additional information regarding indexing of stud web knockouts. The first knockout occurs 12" from the indexed end and 24" on center thereafter.

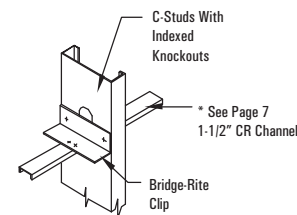
### 1-1/2" CR CHANNEL WELDED TO INDEXED KNOCKOUTS



### 1-1/2" CR CHANNEL THROUGH INDEXED KNOCKOUTS (WITH BRIDGE-RITE ANGLE CLIPS WELDED)



### 1-1/2" CR CHANNEL THROUGH INDEXED KNOCKOUTS (WITH BRIDGE-RITE ANGLE CLIPS SCREWED)



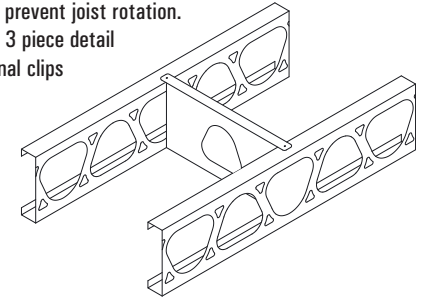
## FLOOR, & ROOF APPLICATIONS

### SOLID BLOCKING (JB)

Joist Blocking is pre-cut to fit securely between joists to prevent joist rotation. Joist Blocking is a one piece system in lieu of the typical 3 piece detail offering an economical alternative to installing conventional clips and solid web members.

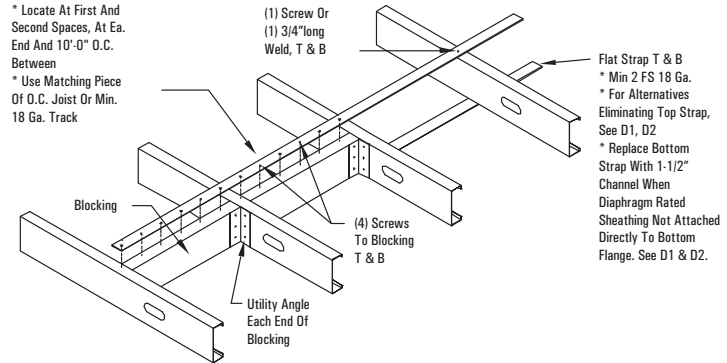
**MATERIAL:** 16 ga (54 mil) 50ksi

**FINISH:** Galvanized – G90

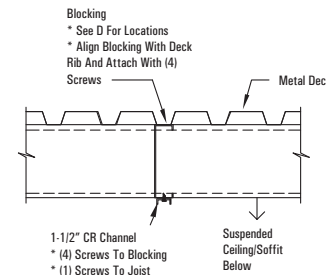


### FLAT STRAP & BLOCKING (D1 & D2)

Blocking  
\* Locate At First And  
Second Spaces, At Ea.  
End And 10'-0" O.C.  
Between  
\* Use Matching Piece  
Of O.C. Joist Or Min.  
18 Ga. Track



### D1-SUBSTITUTE METAL DECK



### D2-SUBSTITUTE CHANNEL

