FASTEN PANELS TO STRUCTURE BY INSERTING FASTENER THRU PERFORATION HOLE AND ATTACHING THRU THE FASTENING HOLE IN BACK LEG OF PANEL. REFER TO FASTENER SCHEDULE FOR TYPE, SIZE, AND SPACING.
**Vertical Joint**

- **Wall Anchors (by Others)**
- **Existing Structure (by Others)**
- **5/8" Dead Load Anchor**
  - Formed Aluminum Angle Cup
  - 6.000" x 3.750" x 0.25" THK. "L" Bracket
- **Extruded Aluminum Tube Framing**
  - 4.750" x 6.000" x 0.250" Wall
  - (Continuous)
- **Shim as Required**
- **(2) 5/8" dia. Stainless Steel Hex Bolts with Washers and Nylock Hex Nut**
- **1/4"-20 x 1.250" Long 300 Series Stainless Steel Washer Head Self Drill Screw with Rubber Faced Washer - Max 1/2" On Center**
- **3/4" dia. Access Hole - Insert Fastener Thru Access Hole to Anchor Panel to Structure**
- **1/4" Typ Gap**
- **1/40" THK. or .125" THK. Aluminum Panel**

Provide neoprene spacer or isolation tape where all aluminum framing comes in contact with concrete or steel construction.
Provide neoprene spacer or isolation tape where all aluminum framing comes in contact with concrete or steel construction.

1/4" x 2.250" long 300 series stainless hex washer head self-drill screw with rubber faced washer - max 12" on center.

1/80" thk or .125" thk aluminum panel

3/4" dia. access hole - insert fastener thru access hole to anchor panel to structure

Shim as required
PROVIDE NEOPRENE SPACER OR ISOLATION TAPE WHERE ALL ALUMINUM FRAMING COMES IN CONTACT WITH CONCRETE OR STEEL CONSTRUCTION.

1/4" x 20 x 1.25" LONG 300 SERIES STAINLESS HEX WASHER HEAD SELF DRILL SCREW WITH RUBBER FACED WASHER - MAX 1.2" ON CENTER.

.125" THK OR .150" THK ALUMINUM PANEL

3/4" dia. ACCESS HOLE - INSERT FASTENER THRU ACCESS HOLE TO ANCHOR PANEL TO STRUCTURE.

2 3/8" FROM DOOR R.O.

5/16" DEAD LOAD ANCHOR FORGED ALUMINUM ANGLE CUP 6.000" X 5.750" X 0.25" THK "U" BRACKET

EXTRUDED ALUMINUM TUBE FRAMING 4.750" X 4.000" X 0.250" WALL (CONTINUOUS)

(2) 5/8" dia. STAINLESS STEEL HEX BOLTS W/ WASHERS AND NYLOCK HEX NUT

SHIM AS REQUIRED

WALL ANCHORS (BY OTHERS)

EXISTING STRUCTURE (BY OTHERS)

DOOR (BY OTHERS)
Provide neoprene spacer or isolation tape where all aluminum framing comes in contact with concrete or steel construction.

1. (5/8") dia. stainless steel hex bolts with washers and nyloc hex nut

2. Slip / dead load anchor: forged aluminum angle clip 6.000" x 5.750" x 0.250" thick

Panel length

H/Top gap

Existing structure (by others)

Wall anchors (by others)

0.190" thick or 0.125" thick aluminum panel

Extruded aluminum tube framing 2.750" x 2.000" x 0.250" wall (continuous)

Drill 0.626" dia. at center of slot for slip connection

HORIZONTAL JOINT
SLIP CONNECTION
PROVIDE NEOPRENE SPACER OR ISOLATION TAPE WHERE ALL ALUMINUM FRAMING COMES IN CONTACT WITH CONCRETE OR STEEL CONSTRUCTION

2" PANEL LENGTH

14" TOP GAP

.190" THK OR .125" THK ALUMINUM PANEL

EXTRUDED ALUMINUM TUBE FRAMING 4.750" X 6.000" X 0.250" WALL (CONTINUOUS)

DRILL Ø2" GBP BY AT APPROPRIATE END OF SLOT FOR DEAD LOAD CONNECTION

(2) 5/8" dia. STAINLESS STEEL HEX BOLTS WITH WASHERS AND NYLOCK HEX NUT

SUP / DEAD LOAD ANCHOR FORMED ALUMINUM ANGLE CLIP 6.000" X 3.750" X 0.25" "THK U BRACKET

WALL ANCHORS (BY OTHERS)

EXISTING STRUCTURE (BY OTHERS)

8 HORIZONTAL JOINT DEAD LOAD CONNECTION
Provide neoprene spacer or isolation tape where all aluminum framing comes in contact with concrete or steel construction.

(2) 5/8" dia. stainless steel hex bolts with washers and nylock hex nut.

Super/Dead Load Anchor:
Forged aluminum angle clip
6.000" x 5.750" x 0.25" thk "L" bracket.

Wall Anchors (by others)

Existing structure (by others)

Extruded aluminum tube framing:
4.750" x 6.600" x 0.250" wall (continuous).
Hendrick
ARCHITECTURAL

PROVIDE NEOPRENE SPACER OR ISOLATION TAPE WHERE ALL ALUMINUM FRAMING COVES IN CONTACT WITH CONCRETE OR STEEL CONSTRUCTION.

(2) 5/8" dia. STAINLESS STEEL HEX BOLTS WITH WASHERS AND NYLOC HEX NUT

SLIP / DEAD LOAD ANCHOR FORGED ALUMINUM ANGLE CLIP 6.000" X 5.750" X 0.25" THK "U" BRACKET

WALL ANCHORS (BY OTHERS)

EXTRUDED ALUMINUM TUBE FRAMING 4.750" X 6.000" X 0.250" WALL (CONTINUOUS)

STOREFRONT OR CURTAIN WALL (BY OTHERS)

10"
2"

1.90" THK OR 1.25" THK ALUMINUM PANEL

24" min

3" BRACKET

WINDOW HEAD
Provide neoprene spacer or isolation tape where all aluminum framing comes in contact with concrete or steel construction.

- (2) 5/8" dia. stainless steel hex bolts with washers and nylock hex nut.
- Slip / dead load anchor for aluminum angle clip.
- Extruded aluminum tube framing 4.750" x 6.000" x 0.250" wall (continuous).
- Wall anchors (by others).
- Door (by others).

Panel length:
- .190" THK OR .125" THK ALUMINUM PANEL.

10"
2"
3" bracket
4" min.

Door head.
Systems Edge Detail

WALL ANCHORS
(By Others)

EXISTING STRUCTURE
(By Others)

5/8" I DEAD LOAD ANCHOR
FORMED ALUMINUM ANGLE CLIP
6.000" X 5.750" X 0.23" THK "U" BRACKET

EXTRUDED ALUMINUM FRAMEWORK
4.750" X 6.000" X 0.250" WALL
(CONTINUOUS)

(2) 5/8" dia. STAINLESS STEEL HEX BOLTS WITH WASHERS AND NYLOC HEX NUT

SHIM AS REQUIRED

1/4" X 20 X 1.250" LONG 301 SERIES
STAINLESS HEX WASHER HEAD SELF DRILL SCREW WITH RUBBER FACING WASHER - MAX 1/2" ON CENTER

1/32" THK OR 1/16" THK ALUMINUM PANEL

3/4" dia. ACCESS HOLE - INSERT FASTENER THRU ACCESS HOLE TO ANCHOR PANEL TO STRUCTURE

PANEL WIDTH
PROVIDE NEOPRENE SPACER OR ISOLATION TAPE WHERE ALL ALUMINUM FRAMING COMES IN CONTACT WITH CONCRETE OR STEEL CONSTRUCTION.

EXTRUDED ALUMINUM TUBE FRAMING
4.750" X 6.000" X 0.250" WALL
(CONTINUOUS)

WALL ANCHORS (BY OTHERS)

SUP / DEAD LOAD ANCHOR
FORGED ALUMINUM ANGLE CUP
6.000" X 5.750" X 0.250" THK 5/8" BRACKET

1/80" THK OR .125" THK ALUMINUM PANEL

PANEL LENGTH

2" 10"

(2) 5/8" dia. STAINLESS STEEL HDX BOLTS WITH WASHERS AND NYLOC HDX NUT

BOTTOM AT OPENING
### 1/8" (.125") Thick 5052-H32 Aluminum

<table>
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<th>PERF  DIAMETER (IN)</th>
<th>CENTER SPACING (IN)</th>
<th>% OPEN AREA</th>
<th>30 PSF</th>
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**NOTE:** PANELS TO BE 36", 42" OR 48" WIDE.

### 3/16" (.190") Thick 5052-H32 Aluminum

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**NOTE:** PANELS TO BE 36", 42" OR 48" WIDE.

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**Panel System Requirements & Specifications**
- Panels to be made from 0.125" or 0.190" thick 5052-H32 aluminum.
- Panels to be attached on the long vertical edges only.
- Panel fasteners to be spaced at maximum 12" on center.
- Standard panel widths to be 36", 42" & 48".
- Standard panel lengths to be 72", 90" & 120".
- Maximum deflection to be used.
- Panel wind loading: 30 PSF, 50 PSF, 70 PSF.