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)
Hendrick Architectural

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

1/4" x 3" x 1/8" x 1/2" LG. ALUMINUM BENT PLATE (CUT AS REQ'D)

1/4" x 20 5/6 CO BL-FLEX HW/H independently self-drilling screws 1/2" O.C. (PER ENGINEERING ANALYSIS)

4 1/4" x 1/4" x 1/2" LG. ALUMINUM TEE (CUT AS REQ'D)

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

VERTICAL JOINT

1/16"

Panel Width

Panel Width

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

WINDOW JAMB

1/4" x 20 x 1.250" LONG 300 SERIES STAINLESS HEX WASHER HEAD SELD DRILL SCREW WITH RUBBER FACED WASHER - MAX 12" ON CENTER

2" x 3" x 1/8" x 1/16" LG. ALUMINUM BENT PLATE (CUT AS REQ'D)

1/4" x 20 ELCO BI-FLEX HEX SELF-DRILLING SCREWS 12" O.C. (PER ENGINEERING ANALYSIS)

48 x 3/4" x 1/4" x 1/16" LG. ALUMINUM TEE (CUT AS REQ'D)

1/8" THK OR 1/32" THK ALUMINUM PANEL

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

WALL ANCHORS (BY OTHERS)

EXISTING STRUCTURE (BY OTHERS)

STOREFRONT OR CURTAIN WALL (BY OTHERS)

4 1/2" MIN
PROVIDE NEOPRENE SPACER OR ISOLATION TAPE WHERE ALL ALUMINUM FRAMING COMES IN CONTACT WITH CONCRETE OR STEEL CONSTRUCTION.

2" x 3" x 1/8" x 10 L.G. ALUMINUM BENT PLATE (CUT AS REGD)

1/4"-20 ELCD BI-FLEX HW, SELF-DRILLING SCREWS 1/2" O.C. (PER ENGINEERING ANALYSIS)

48 hex. (1/4" x 10 L.G. ALUMINUM TEE (CUT AS REGD))

1/4" THK OR 1/2" THK ALUMINUM PANEL

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

1 1/2" FROM GLAZING R.O.

2 1/2" PANEL WIDTH

WALL ANCHORS (BY OTHERS)

EXISTING STRUCTURE (BY OTHERS)

1/4"-20 x 1.25" LONG 300 SERIES STAINLESS HEX WASHER HEAD SELF-DRILL SCREW WITH RUBBER FACED WASHER - MAX 1/2" ON CENTER

DOOR (BY OTHERS)
PROVIDE NEOPRENE SPACER OR ISOLATION TAPE WHERE ALL ALUMINUM FRAMING COMES IN CONTACT WITH CONCRETE OR STEEL CONSTRUCTION.

HORIZONTAL JOINT

2 x 3" x 1/8" x 1/2" LG. ALUMINUM BENT PLATE (CUT AS REQUIRED)

WALL ANCHORS (BY OTHERS)

EXISTING STRUCTURE (BY OTHERS)

1/4" 20 ELEC B1-FLEX NyMl SELF DRILLING SCREWS 1 1/2" O.C. (FOR ENGINEERING ANALYSIS)

1/4" THK OR .125" THK ALUMINUM PANEL

45-36 x 1/4" x 1/2" LG. ALUMINUM TEE (CUT AS REQUIRED)
PROVIDE NEOPRENE SPACER OR ISOLATION TAPE WHERE ALL ALUMINUM FRAMING COMES IN CONTACT WITH CONCRETE OR STEEL CONSTRUCTION.

2" x 3" x 1/8" x 10' LG. ALUMINUM BENT PLATE (CUT AS REQ'D)

.190" THK. OR .125" THK ALUMINUM PANEL

4½" x 3½" x 1' x 10' LG. ALUMINUM TEE (CUT AS REQ'D)

1/4" 20 ELCD BI-FLEX 1MM SELF DRILLING SCREW 1/2" O.C. (PER ENGINEERING ANALYSIS)
Provide neoprene spacer or isolation tape where all aluminum framing comes in contact with concrete or steel construction.

1/4"-20 ELCD by Flexmate self-drilling screws 1-2" O.C. (per engineering analysis)

2" x 3" x 1/8" x 10' LG. aluminum bent plate (cut as needed)

2" x 3/4" x 1/4" x 10' LG. aluminum tee (cut as needed)

Wall anchors (by others)

.150" THK OR .125" THK aluminum panel

BOTTOM CONDITION
CANTILEVER

1/4"-20 ELCO 31-6LEX M41 SELF-DRILLING SCREWS 12" O.C. (PER ENGINEERING ANALYSIS)

4\(\frac{1}{2}\) x 2\(\frac{3}{4}\) x 10' LG ALUMINUM TEE (CUT AS REQUIRED)

1/8" THK OR 1/25" THK ALUMINUM PANEL

WALL ANCHORS (BY OTHERS)

2" x 3" x 1/8" x 10' LG ALUMINUM BEAM PLATE (CUT AS REQUIRED)

EXISTING STRUCTURE (BY OTHERS)

TOP OF PARAPET / ROOF

CANTILEVER PER ENGINEERING ANALYSIS

PANEL LENGTH
PROVIDE NEOPRENE SPACERS OR ISOLATION TAPE WHERE ALL ALUMINUM FRAMING CONTACTS CONCRETE OR STEEL CONSTRUCTION.
Provide neoprene spacer or isolation tape where all aluminum framing comes in contact with concrete or steel construction.

1/4" 20 ELCO B-FLEX HDMI SELF DRILLING SCREWS 1/2" O.C. (PER ENGINEERING ANALYSIS)

.150" THK OR .125" THK ALUMINUM PANEL

2" x 3" x 1/8" x 10' LG. ALUMINUM BENT PLATE (CUT AS REQ'D)

48" x 36" x 1/4" x 10' LG. ALUMINUM TEE (CUT AS REQ'D)

WALL ANCHORS (BY OTHERS)

DOOR (BY OTHERS)
 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.

.125" or 5/32" thick aluminum panel

2" x 3" x 1 1/8" x 10' lg. aluminum bent plate (cut as reqd)

4 3/8" x 1 1/4" x 10' lg. aluminum tee (cut as reqd)

1/4" x 20 ELCD Bi-Flex HW self-drilling screws 1" O.C. (per engineering analysis)

Wall anchors (by others)

Existing structure (by others)

Panel length
MARGIN = 1.125" (0.190" THK AL)  MARGIN = 0.750" (0.125" THK AL)
### 1/8" (.125") Thick 5052-H32 Aluminum

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<th>PERF PATTERN INFO</th>
<th>MAX PANEL WIDTH</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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</table>

**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.
- Panels to be attached to 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 PSI, 50 PSI, 70 PSI.