mounting options
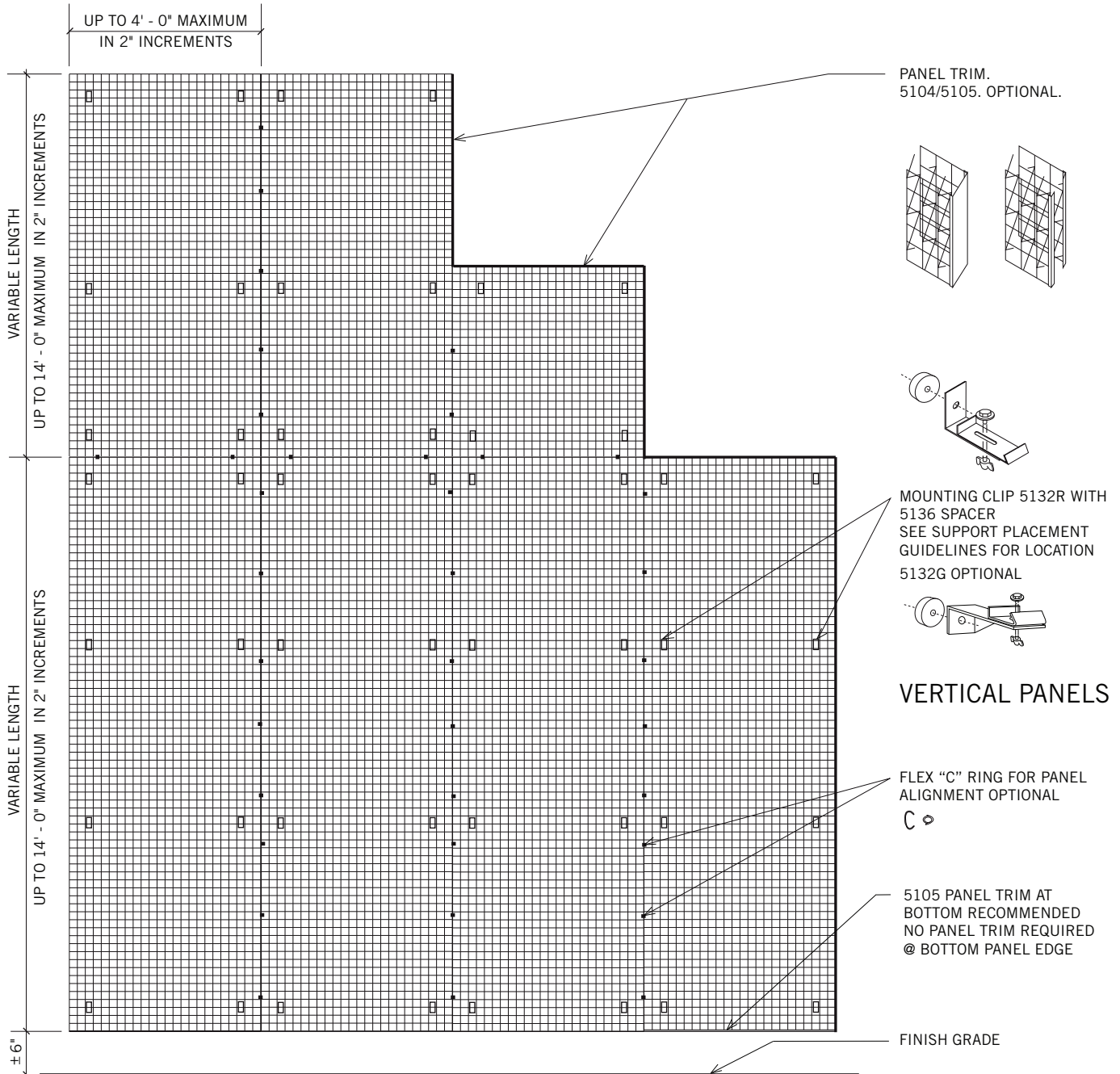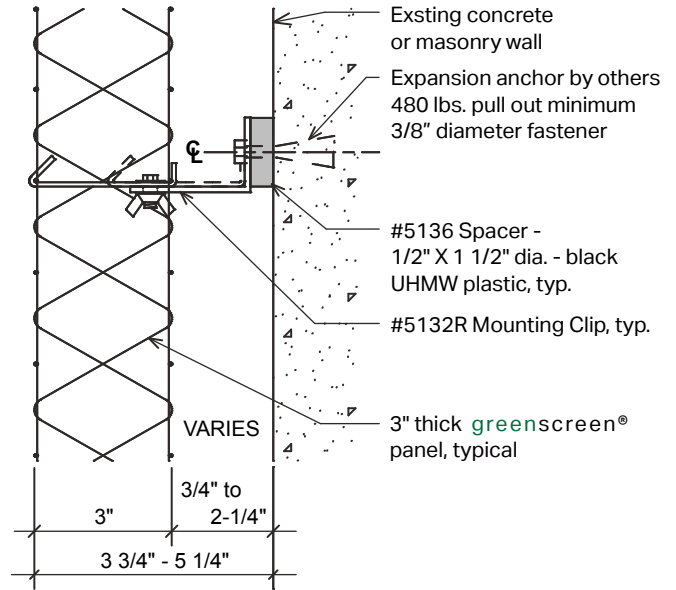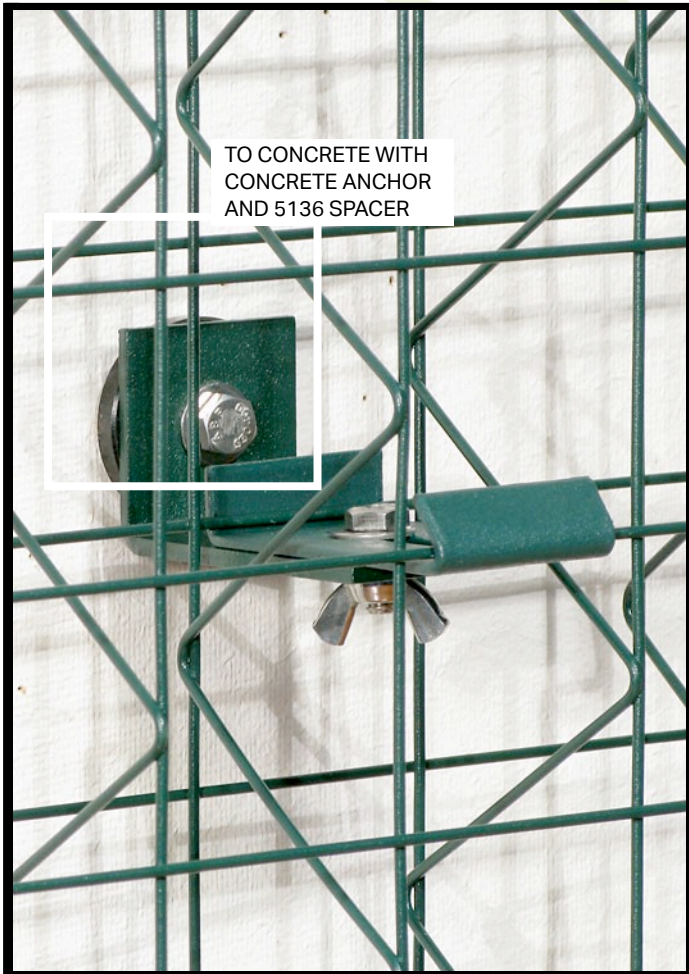
This example showing multiple modular panels in a wall hung application references typical trims and clips from our Accessory Items list. Combine custom screen sizes and profiles for your own unique **green**screen®.

UP TO 4' - 0" MAXIMUM IN 2" INCREMENTS

VARIABLE LENGTH

UP TO 14' - 0" MAXIMUM IN 2" INCREMENTS

VARIABLE LENGTH

UP TO 14' - 0" MAXIMUM IN 2" INCREMENTS

± 6"

PANEL TRIM. 5104/5105. OPTIONAL.

MOUNTING CLIP 5132R WITH 5136 SPACER
SEE SUPPORT PLACEMENT GUIDELINES FOR LOCATION
5132G OPTIONAL

VERTICAL PANELS

FLEX "C" RING FOR PANEL ALIGNMENT OPTIONAL

5105 PANEL TRIM AT BOTTOM RECOMMENDED
NO PANEL TRIM REQUIRED @ BOTTOM PANEL EDGE

FINISH GRADE

mounting options

Support Placement

Use this guide as general recommendations for support placement with multiple modular panels in a wall hung application. Consult the Accessory Items list for descriptions of available engineered attachment clips, trims, spacers, and straps for your specific panel attachments.

HORIZONTAL DIMENSION TO CENTER LINE OF ATTACHMENT CLIP (TYPICAL)

VERTICAL DIMENSION TO BOTTOM EDGE OF ATTACHMENT CLIP (TYPICAL)

NOTE:
TOTAL NUMBER OF ATTACHMENTS AND EXACT LOCATION MAY VARY BASED ON ENGINEERING REQUIREMENTS AND LOCATION OF STRUCTURE.

greenscreen®   725 South Figueroa Street, Suite 1825, Los Angeles, CA 90017   T - 800.450.3494

TO CONCRETE WITH CONCRETE ANCHOR AND 5136 SPACER

Exsting concrete or masonry wall

Expansion anchor by others 480 lbs. pull out minimum 3/8" diameter fastener

#5136 Spacer - 1/2" X 1 1/2" dia. - black UHMW plastic, typ.

#5132R Mounting Clip, typ.

3" thick greenscreen® panel, typical
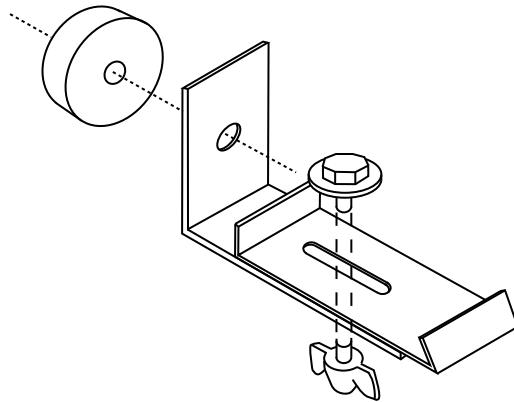
VARIES

3"

3/4" to 2-1/4"

3 3/4" - 5 1/4"

SECTION

5132R ADJUSTABLE CLIP

The 5132R Adjustable Clip provides panel support for both download and uplift. The clip can mount to wall surfaces or to a steel frame. The slot allows for panel adjustment and ease of installation.
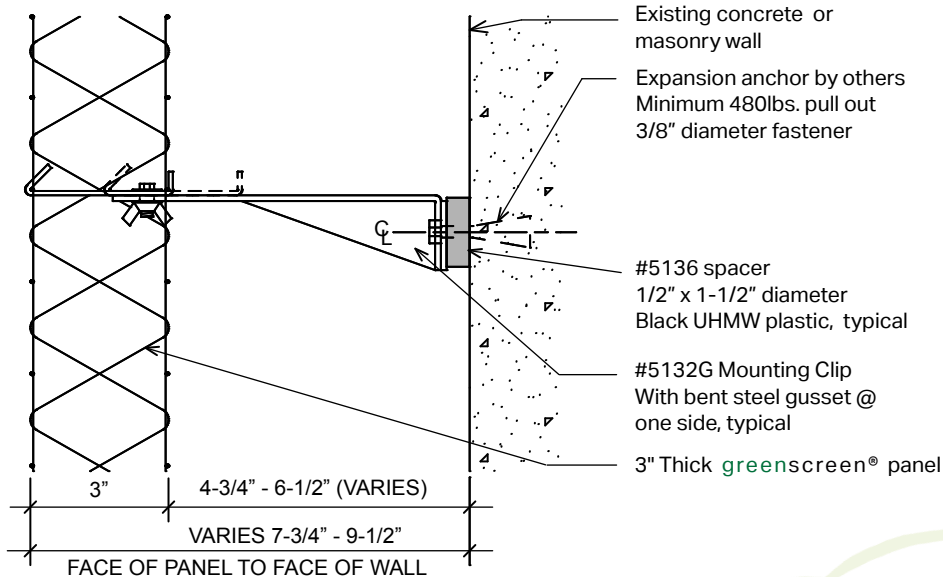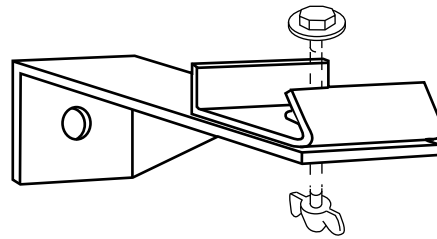

greenscreen®
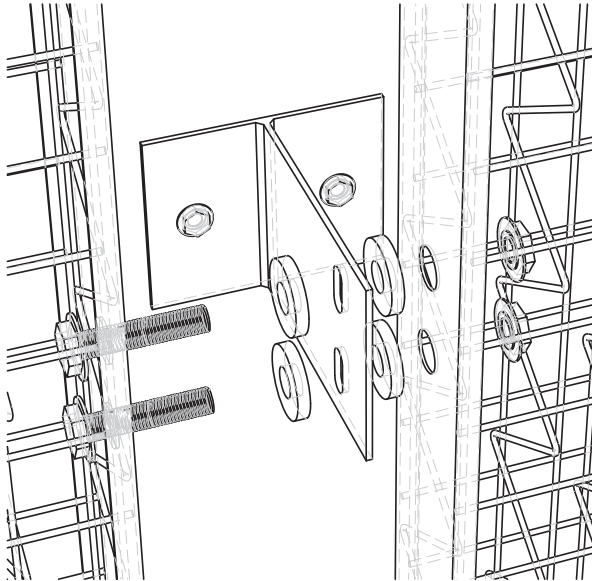
5132G ADJUSTABLE CLIP

The 5132G Adjustable Clip provides panel support for both download and uplift. The clip can mount to wall surfaces or to a steel frame. The slot allows for panel adjustment and ease of installation. Maximum bracket extension is 9-1/2" to outside of panel.
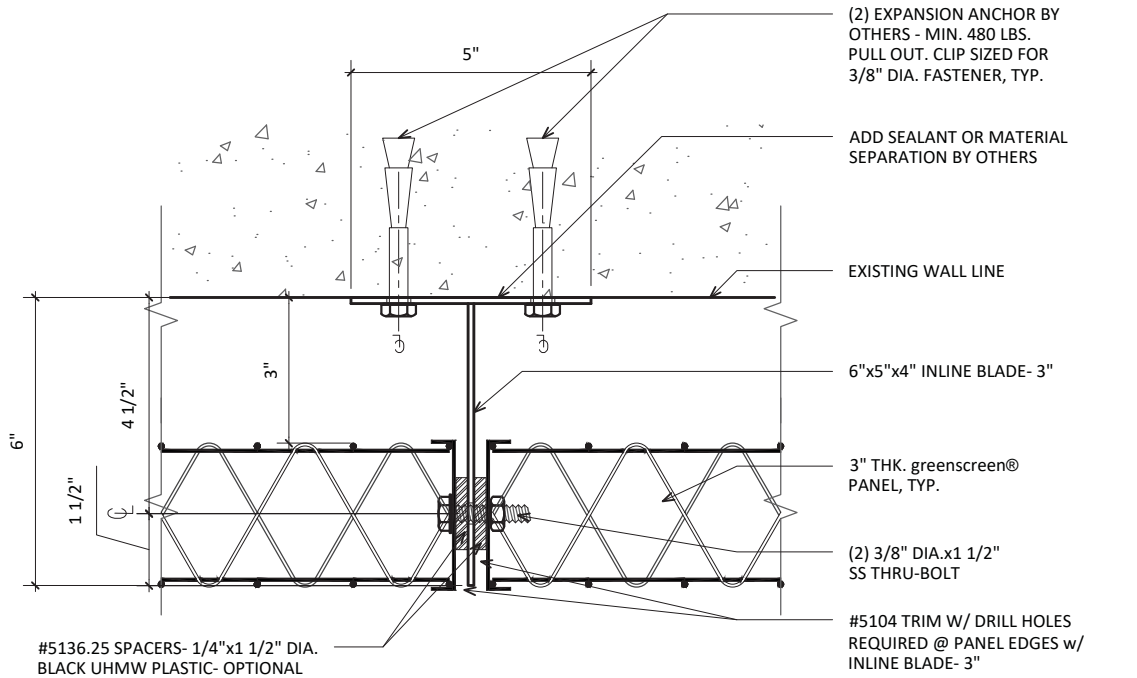

Existing concrete or masonry wall

Expansion anchor by others
Minimum 480lbs. pull out
3/8" diameter fastener

#5136 spacer
1/2" x 1-1/2" diameter
Black UHMW plastic, typical

#5132G Mounting Clip
With bent steel gusset @
one side, typical

3" Thick greenscreen® panel

3"   4-3/4" - 6-1/2" (VARIES)

VARIES 7-3/4" - 9-1/2"
FACE OF PANEL TO FACE OF WALL

SECTION

greenscreen®

www.greenscreen.com
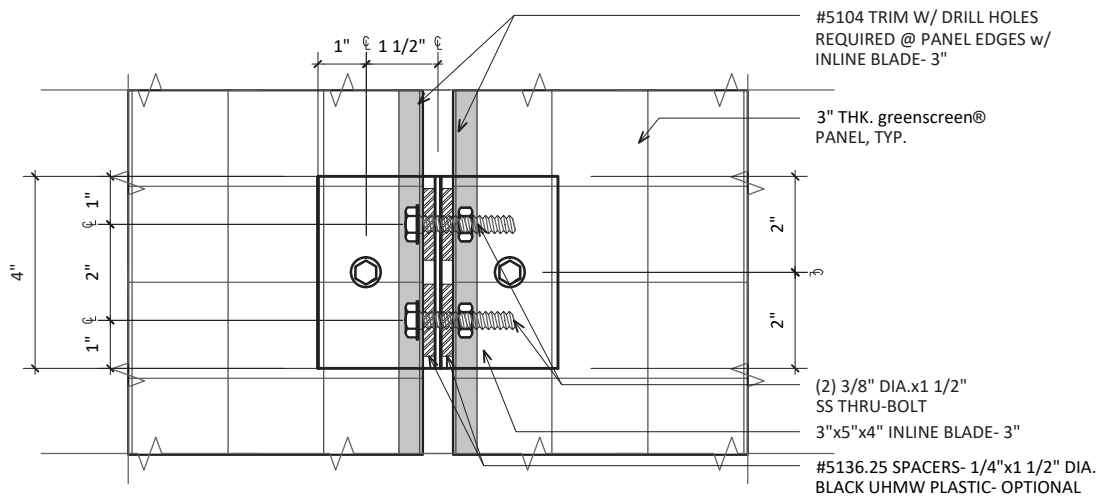
![greenscreen® logo]

INLINE BLADE CLIP
Provide support for both download and uplift. It can be mounted to wall surfaces or to a steel frame. Standard size in 6" in length. The slot allows for panel vertical adjustment and ease of installation. Also available in 3" & 9".

(2) EXPANSION ANCHOR BY OTHERS - MIN. 480 LBS. PULL OUT. CLIP SIZED FOR 3/8" DIA. FASTENER, TYP.

ADD SEALANT OR MATERIAL SEPARATION BY OTHERS

EXISTING WALL LINE

6"x5"x4" INLINE BLADE- 3"

3" THK. greenscreen® PANEL, TYP.

(2) 3/8" DIA.x1 1/2" SS THRU-BOLT

#5104 TRIM W/ DRILL HOLES REQUIRED @ PANEL EDGES w/ INLINE BLADE- 3"

#5136.25 SPACERS- 1/4"x1 1/2" DIA. BLACK UHMW PLASTIC- OPTIONAL

5"
4 1/2"
3"
6"
1 1/2"

PLAN

#5104 TRIM W/ DRILL HOLES REQUIRED @ PANEL EDGES w/ INLINE BLADE- 3"

3" THK. greenscreen® PANEL, TYP.

(2) 3/8" DIA.x1 1/2" SS THRU-BOLT

3"x5"x4" INLINE BLADE- 3"

#5136.25 SPACERS- 1/4"x1 1/2" DIA. BLACK UHMW PLASTIC- OPTIONAL

1" 1 1/2"
1"
2"
4"
1"
2"
2"

ELEVATION

accessories

Our Accessory Items list will provide your project with the necessary edge trims, mounting and joining clips, straps, posts, and caps to match your specified finishes with maximum flexibility.

Size:

½" leg x 3⅛" wide x ½" leg
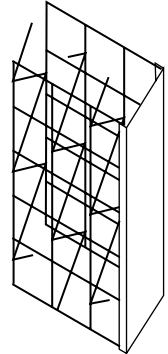
Materials:

20 gauge galvanized steel

Colors:

~ green
~ black
~ silver
~ bronze
~ white

Used as a closure strip at edges of **green**screen® panels. Recommended on panel edges adjacent to pedestrian traffic or where edge reinforcement for plant maintenance is desired. Not recommended at bottom edge of panel to prevent pooling of water.

5104
Steel Channel Trim

Size:

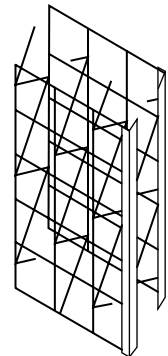½" leg x ½" leg

Materials:

20 gauge galvanized steel

Colors:

~ green
~ black
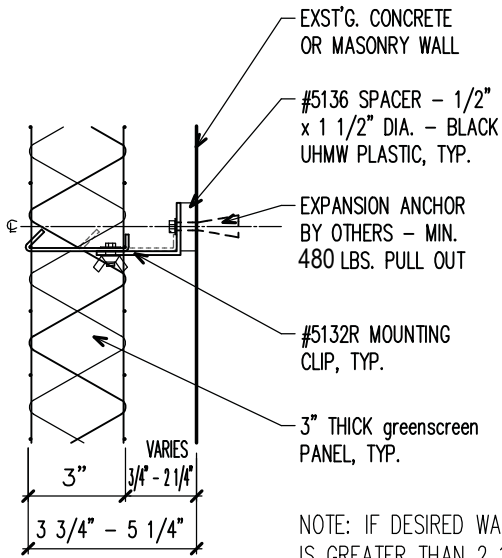~ silver
~ bronze
~ white

Used as closure strip at edges of **green**screen® panels. Recommended on panel edges adjacent to pedestrian traffic or where edge reinforcement for plant maintenance is desired.

5105
Steel Edge Trim

EXST'G. CONCRETE
OR MASONRY WALL

#5136 SPACER – 1/2"
x 1 1/2" DIA. – BLACK
UHMW PLASTIC, TYP.

EXPANSION ANCHOR
BY OTHERS – MIN.
480 LBS. PULL OUT

#5132R MOUNTING
CLIP, TYP.

3" THICK greenscreen
PANEL, TYP.

VARIES
3"   3/4" - 2 1/4"

3 3/4" – 5 1/4"

NOTE: IF DESIRED WALL OFFSET
IS GREATER THAN 2 1/4", SEE
#5132G CLIP OR #5159 STAND–OFF
BRACKET FOR MOUNTING OPTIONS.

#5132R MOUNTING CLIP
WALL MOUNTED – SECTION

2

SCALE = 2": 1'-0"

5"±
5"±
6"±

DIRECTION OF TRUSSES
PANEL CAN BE ROTATED
HORIZTONAL APPLICATIONS

EQ.± IF NEEDED

EQ.± IF NEEDED

2
–– TYP.

EXPOSED EDGES REQUIRE
TRIM. SELECT EITHER
#5105 OR #5104 TRIM.

TOTAL NUMBER OF
CLIPS VARIES BY
PANEL SIZE:
66"< (4) PER PANEL

6"± 6"±

GRADE

ELEVATION

1

SCALE = 3/8": 1'-0"

greenscreen®

WALL MOUNTING INSTRUCTIONS:

STEP 1:
USING A LEVEL, TEMPORARILY HOLD THE PANEL IN PLACE
AND MARK THE CORNER LOCATIONS ON THE WALL.

STEP 2:
HOLDING THE MOUNTING CLIPS AT THE DESIRED LOCATION ON
THE PANEL, MEASURE THE EXACT DISTANCE OF THE SCREW
HOLES TO THE CORNERS. USING YOUR CORNER MARKS FROM
STEP #1, CARRY OVER THE NEW DIMENSIONS AND REFERENCE
THE SCREW HOLE LOCATIONS ON YOUR WALL.

STEP 3:
DEPENDING ON THE SUBSTRATE, PRE–DRILL HOLES FOR
MOUNTING CLIPS. FOR CONCRETE AND MASONRY WALLS, SET
EXPANSION ANCHORS, AND THEN MOUNT CLIPS TO WALL.
ANCHORS SHOULD HAVE A 550LB. MIN. PULL–OUT VALUE.

STEP 4:
HANG THE greenscreen® PANEL ON THE CLIPS.

STEP 5:
REPEAT STEPS 1–4 AS NEEDED. PRE–INSTALLING ALL CLIPS
IS NOT RECOMMENDED DUE TO PANEL GROWTH. PANEL SIZES
ARE NOMINAL – ACTUAL PANEL SIZE MAY VARY +1/8" IN
WIDTH AND LENGTH. ADD +1/16" PER EDGE OF TRIM.

STEP 6:
REFER TO greenscreen® "VINE PLANTING DETAIL" FOR VINE
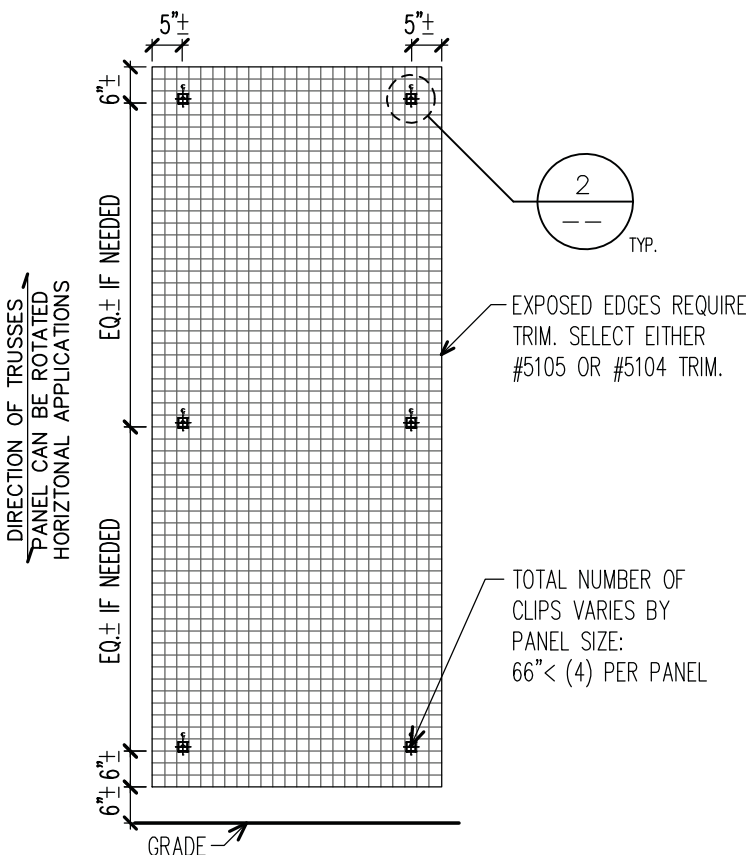ATTACHMENT AND PLANTING GUIDELINES.

RECOMMENDATIONS:

● MOUNT PANELS 6" ABOVE FINISHED GRADE, OR PER
SHOP DRAWINGS.

● ON STUCCO WALLS, ADJUST CLIP LOCATIONS SO THAT
ALL CLIPS SCREW DIRECTLY INTO FRAMING MEMBERS
OF THE WALL.

● WEAR GLOVES WHEN HANDLING greenscreen® PANELS.

● greenscreen® DOES NOT RECOMMEND CUTTING PANELS
IN THE FIELD. IF IT IS NECESSARY, HOWEVER, USE
TOUCH–UP PAINT.

3" THICK greenscreen® PANEL
ATTACHED TO WALL BEYOND

REMOVE STAKE OR ANY TEMPORARY
TRELLIS DEVICE.

2" TO 3" MULCH LAYER

BACKFILL MIX WITH SPECIFIED
AMMENDMENTS AND FERTILIZER TABLETS

FINISHED GRADE

REMOVE CONTAINER
AND LOOSEN ROOTS

UNDISTURBED SOIL

12"
MAX

WEAVE VINE BRANCHES INTO SCREEN,
STARTING AT BOTTOM. TIE LARGER
BRANCHES LOOSELY TO SCREEN, IF
NECESSARY W/ BIO-DEGRADEABLE TIES.

3" THICK greenscreen® PANEL ATTACHTED
ATTACHED TO WALL BEYOND

PANEL SEAM

MOUNTING CLIP

GENERAL NOTES:

● CHOOSING THE APPROPRIATE PLANT
  MATERIAL FOR greenscreen® REQUIRES
  CAREFUL CONSIDERATION OF CLIMATE
  ZONE, SUN AND WIND EXPOSURE, SOIL
  TYPE, WATER AND NUTRIENT NEEDS,
  AND DESIRED VISUAL EFFECT.

● greenscreen® RECOMMENDS THAT A
  LANDSCAPE ARCHITECT, LANDSCAPE
  DESIGNER, OR A HORTICULTURIST BE
  CONSULTED FOR EACH SPECIFIC
  APPLICATION.

● PLANT VINES PER LANDSCAPE PLANS.
  TYPICAL SPACING VARIES FROM
  1' TO 4' O.C. DEPENDING UPON VINE
  SPECIES AND CONTAINER SIZE.

● IRRIGATION WILL BE REQUIRED IN
  MOST CLIMATE ZONES. INSTALL PER
  LANDSCAPE PLANS.

● greenscreen® DOES NOT SUPPLY
  PLANT MATERIAL.

greenscreen® VINE PLANTING DETAIL

SECTION AND ELEVATION — TYPICAL FOR WALL MOUNTED APPLICATION
DETAIL SIMILAR FOR POST MOUNTED PANELS.

SCALE = 3/4": 1'-0"