



Requirements for Fabrication

For American Fiber Cement to fabricate your fiber cement panels there is specific information that must be reviewed before providing the required drawings and cut list to fabricate your American Fiber Cement Panels. Formatting must match what is described below.

Requirements for Cutting – Excel Cut List

A Panel Schedule/Cut List must be created in Excel. ***(See Figure 1)***

- Include Panel ID, Length, Width, Quantity, Material, Color, Grain Direction, and Elevation. (If AFCC is to drill, the Blowup Page number should also be referenced.)
- Panel sizes must be within the absolute maximum dimensions for each product. ***(See Figure 2)***
- Patina, Patina Inline, and Deco all ***have*** a grain direction. The grain direction measurement should be in the length column.
- The Grain Direction column must also be marked.
- The cut list must be itemized by elevation
- Dimensions must be given in decimals (ideally to the nearest 1/16”).
- If AFCC is drilling, the dimensions must match the dimensions in the referenced panel blowups.
- The ‘Style’ column should be used to label the panels shape.
 - Standard · Field Cut · Soffit · Angled · Tapered

Requirements for Drilling – Panel Blowups

Panel Blowups must be created. ***(See Sample Project Sheet SP04 for Examples)***

- Include the Corresponding Panel ID on the excel cut list
- Include the overall length and width of the Panel
- Include the dimensions of hole locations off the edges of the panels.
 - Our recommendation is 3” off the side and 4” off the top and bottom.
- Provide dimensions locating all remaining holes from center of hole to center of hole.
 - Max. on-center distance between hole locations is 24”. ***(16” for soffit applications)***
- Dimensions must be given in decimals (ideally to the nearest 1/16”).
- Patina, Patina Inline, and Deco all ***have*** a grain direction. Indicate direction with a directional arrow.
- All fixed-point locations should be identified by labeling with an F.
- All Panels to be field Cut should be identified with a dashed reference line and noted in the cut list.
- On every page of blowups please provide the orientation of the profiles as either vertical or horizontal.
 - Show this on the bottom right corner of every blowup page

Figure 1 – Excel Cut List Example

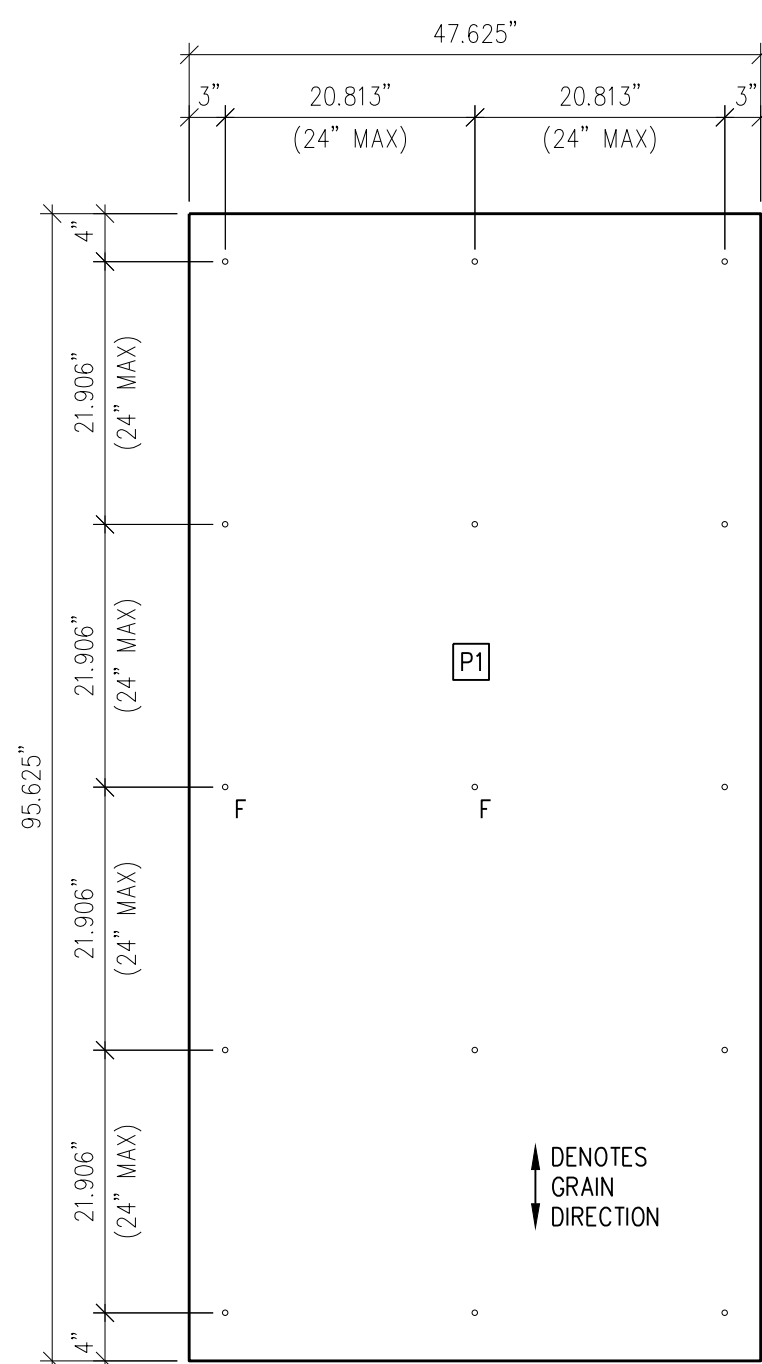
Note: Review [Standard Installation Details on our website](#) to ensure cut lists are created to account for the required air space and openings at parapets, grade lines, window sills, window heads, and window jambs. Incorrect detailing may void the warranty of the panels. Contact AFCC at 303-972-5107 extension 104 with any detailing questions.

ID	L	W	QTY	MATERIAL	COLOR	GRAIN DIR	STYLE	BLOWUP SHEET	ELEVATION
P1	95.625	47.625	1	PATINA	SAND	1	STANDARD	SP04	1/SD-02
P1R	95.625	47.625	1	PATINA	SAND	1	FIELD CUT	SP04	1/SD-02
P2	95.625	47.625	1	PATINA	SAND	1	SOFFIT	SP04	1/SD-02
P3a	83.625	23.625	1	PATINA	SAND	1	L-SHAPED	SP04	1/SD-02
P3b	12	47.625	1	PATINA	SAND	1	L-SHAPED	SP04	1/SD-02

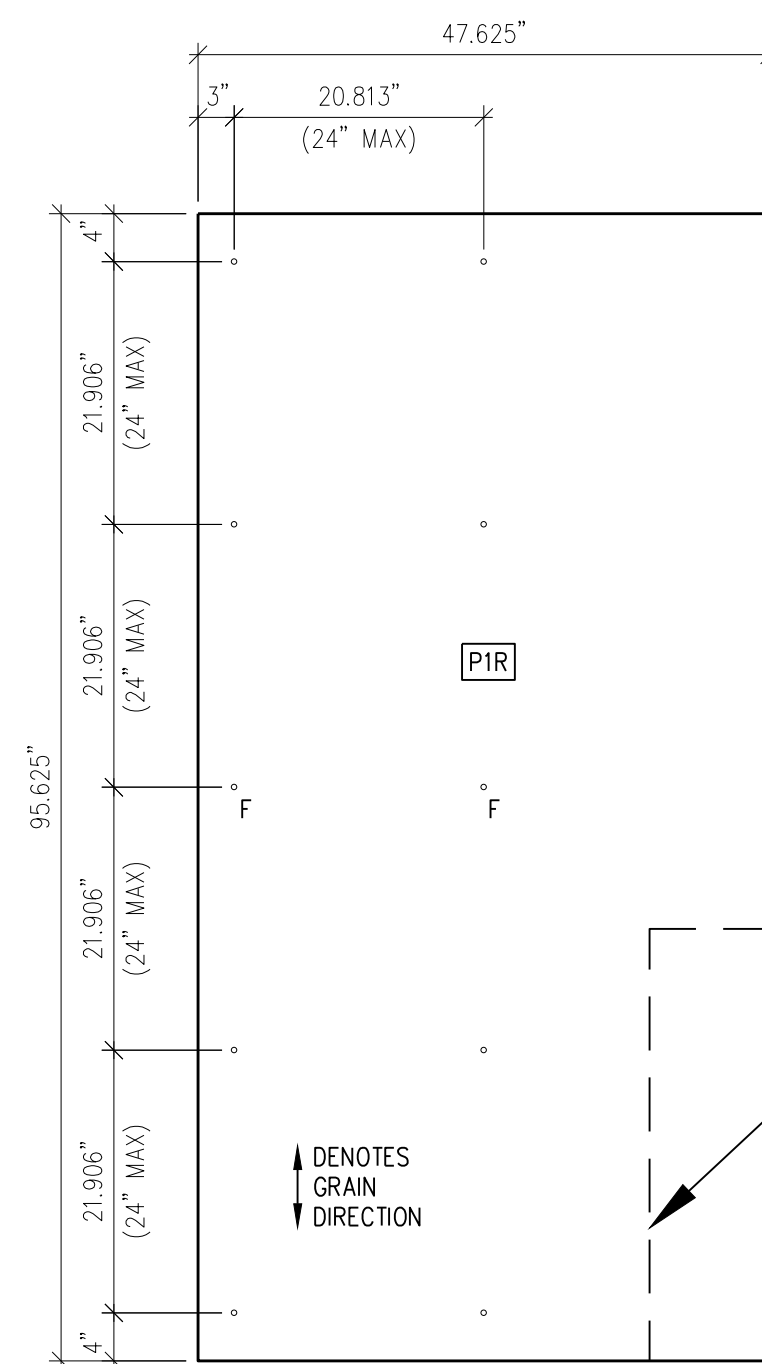
P4	95.625	6	1	PATINA	SAND	1	NARROW H.	SP04	2/SD-02
P5	95.625	4	1	PATINA	SAND	1	NARROW V.	SP04	2/SD-02
P6	95.625	47.625	1	PATINA	SAND	1	ANGLED	SP04	2/SD-02
P7a	18	47.625	2	PATINA	SAND	1	C-SHAPED	SP04	2/SD-02
P7b	59.625	17.625	1	PATINA	SAND	1	C-SHAPED	SP04	2/SD-02
P8	95.625	47.625	1	PATINA	SAND	1	TAPERED	SP04	2/SD-02

Figure 2 – Maximum Dimension by Product

Product	Sheet Size	Maximum Length (in.)		Maximum Width (in.)		Grain Direction
		Recommended	Absolute	Recommended	Absolute	
Patina	4'x8'	96	98	48	48.25	Yes - Runs with Length
	4'x10'	119.625	119.875	48	48.25	Yes - Runs with Length
Patina Inline	4'x8'	96	98	48	48.25	Yes - Runs with Length
	4'x10'	119.625	119.875	48	48.25	Yes - Runs with Length
Patina Rough	4'x8'	96	98	48	48.25	No Grain Direction
	4'x10'	119.625	119.875	48	48.25	No Grain Direction
Deco	4'x8'	96	98	48	46.375	Yes - Runs with Length
	4'x10'	119.625	119.875	48	46.375	Yes - Runs with Length
Cover	4'x8'	96	99	48	49	No Grain Direction
	4'x10'	120	120.5	48	49	No Grain Direction
Solid	4'x8'	96	99	48	49	No Grain Direction
	4'x10'	120	120.5	48	49	No Grain Direction
Transparent	4'x8'	96	99	48	49	No Grain Direction
	4'x10'	120	120.5	48	49	No Grain Direction
Minerit HD	4'x8'	96	99	48	49	No Grain Direction
	4'x10'	120	120.5	48	49	No Grain Direction

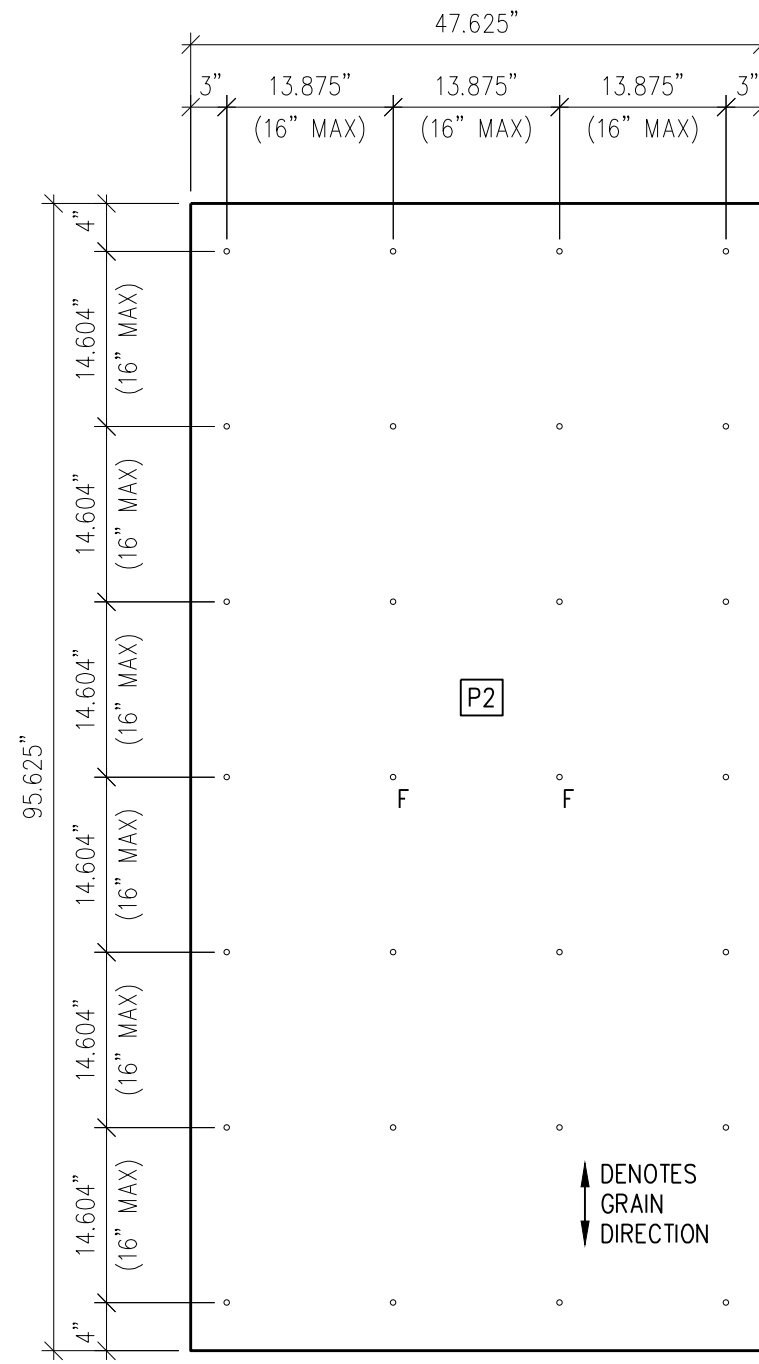


STANDARD

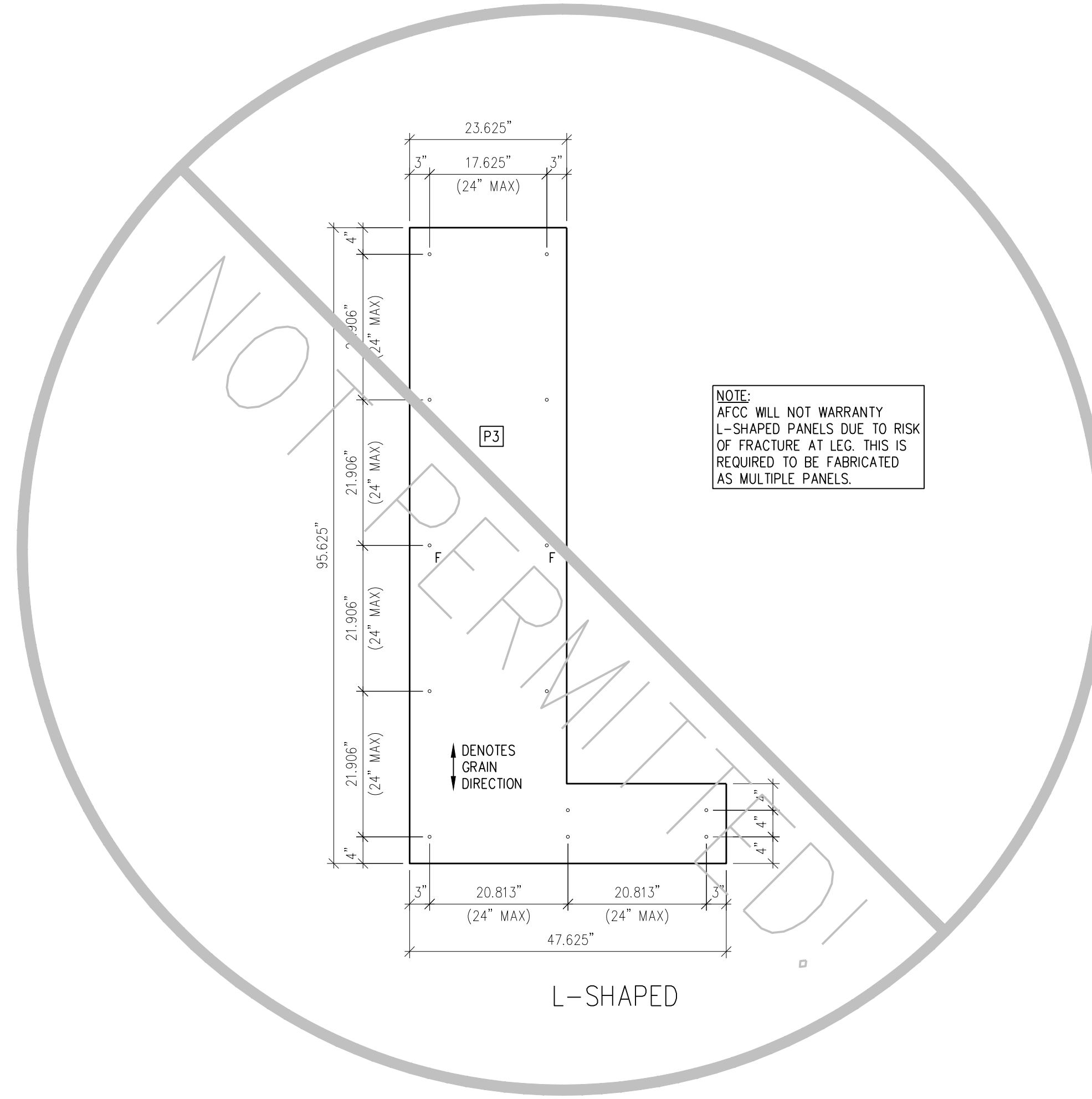


FIELD CUT

NOTE:
DASHED LINES
REPRESENT FIELD CUTS

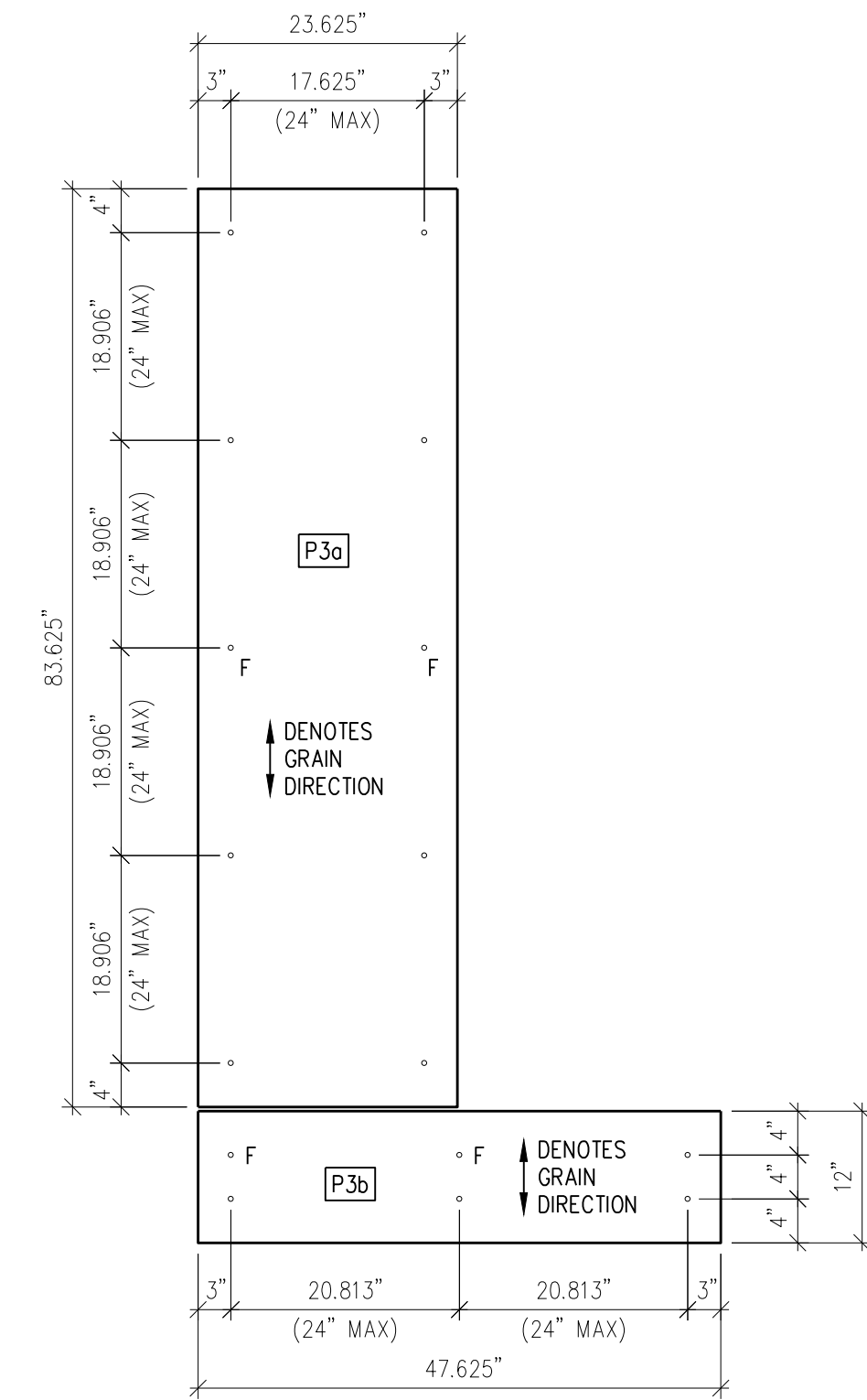


SOFFIT

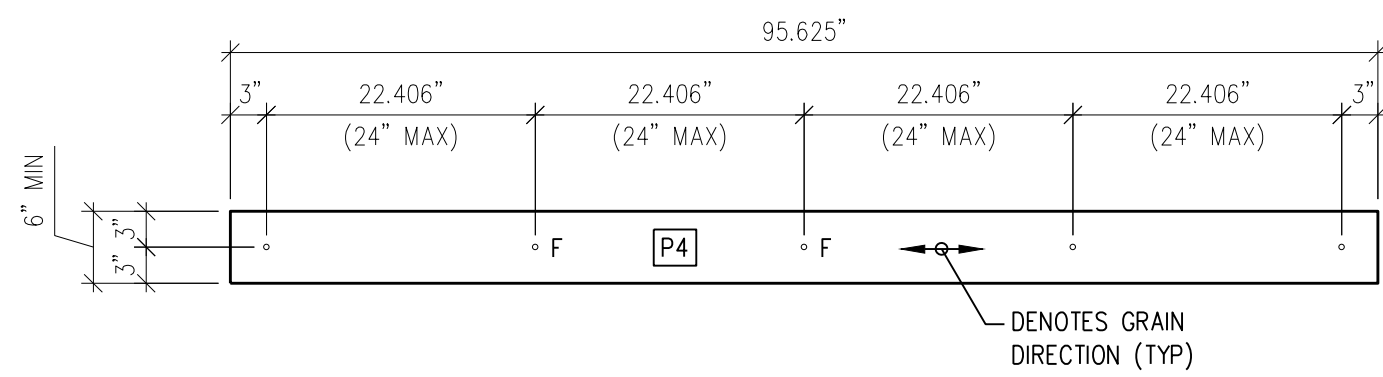


L-SHAPED

NOTE:
AFCC WILL NOT WARRANTY
L-SHAPED PANELS DUE TO RISK
OF FRACTURE AT LEG. THIS IS
REQUIRED TO BE FABRICATED
AS MULTIPLE PANELS.

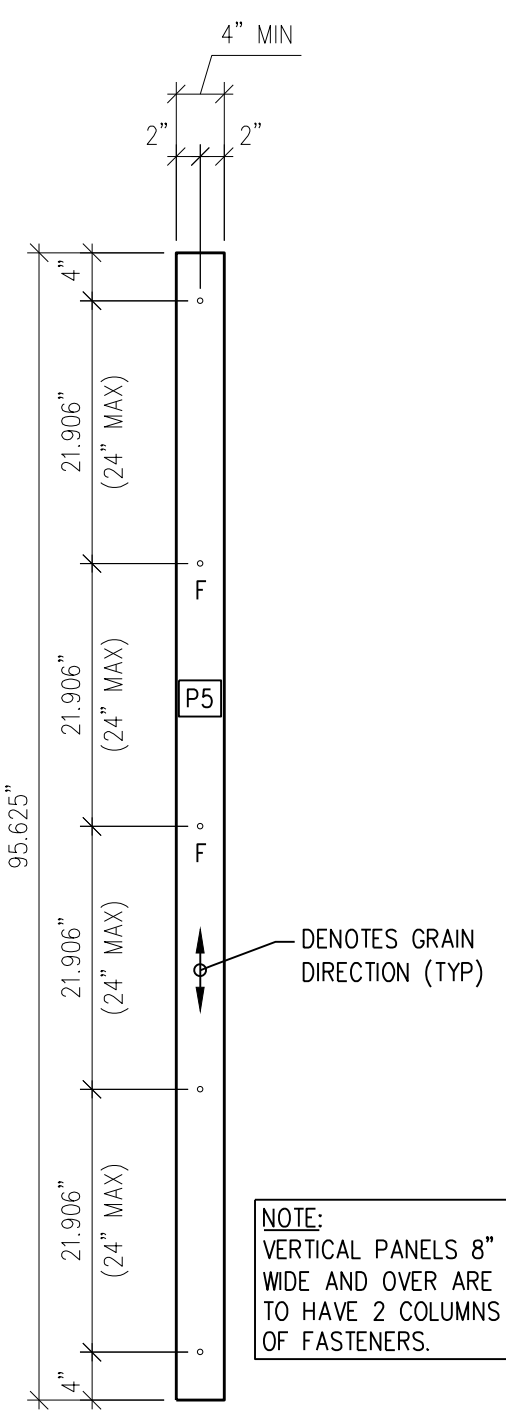


L-SHAPED



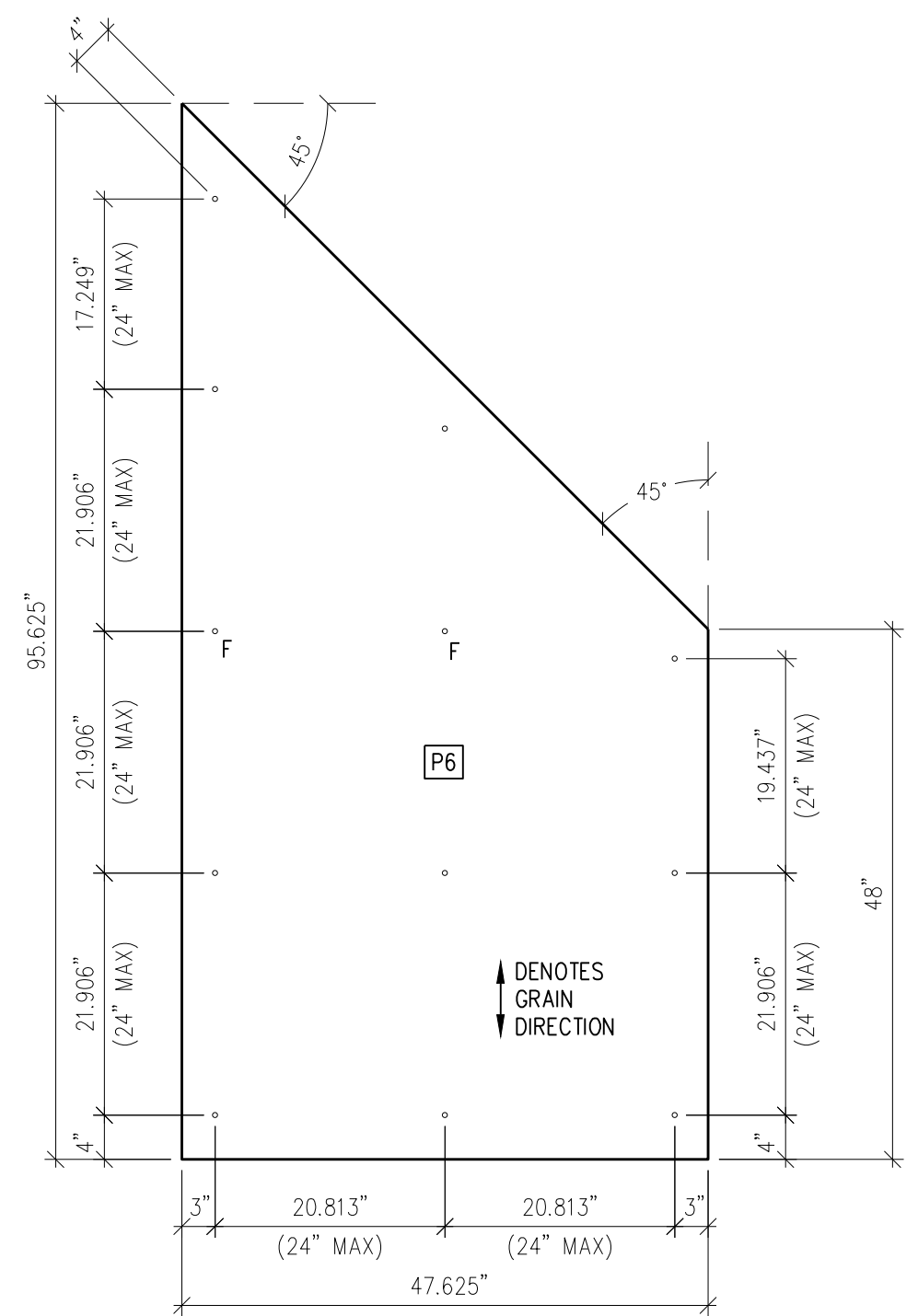
NARROW HORIZONTAL

NOTE:
HORIZONTAL PANELS 12" WIDE
AND OVER ARE TO HAVE 2
ROWS OF FASTENERS.

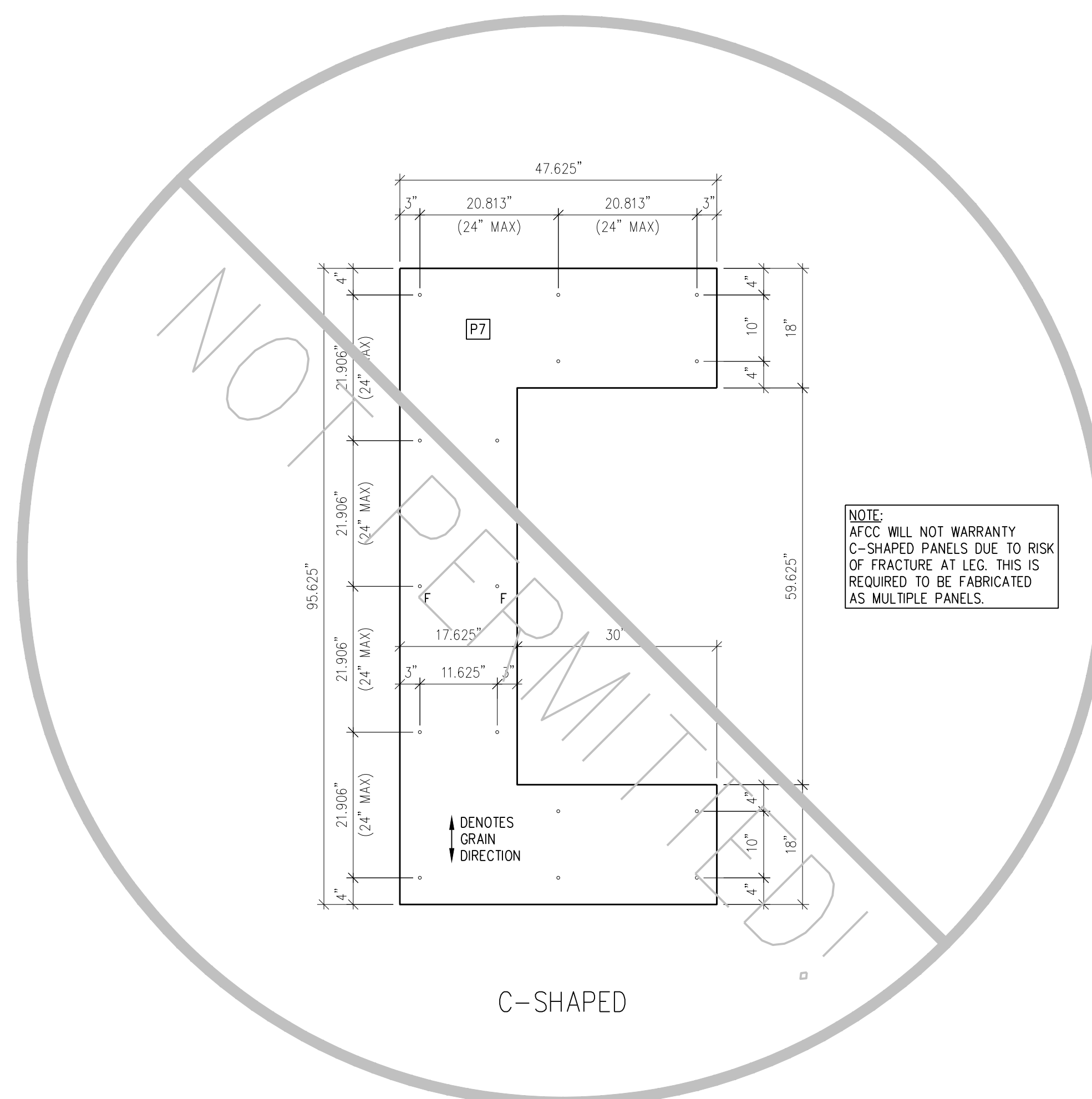


NARROW VERTICAL

NOTE:
VERTICAL PANELS 8" WIDE
AND OVER ARE TO HAVE 2 COLUMNS
OF FASTENERS.

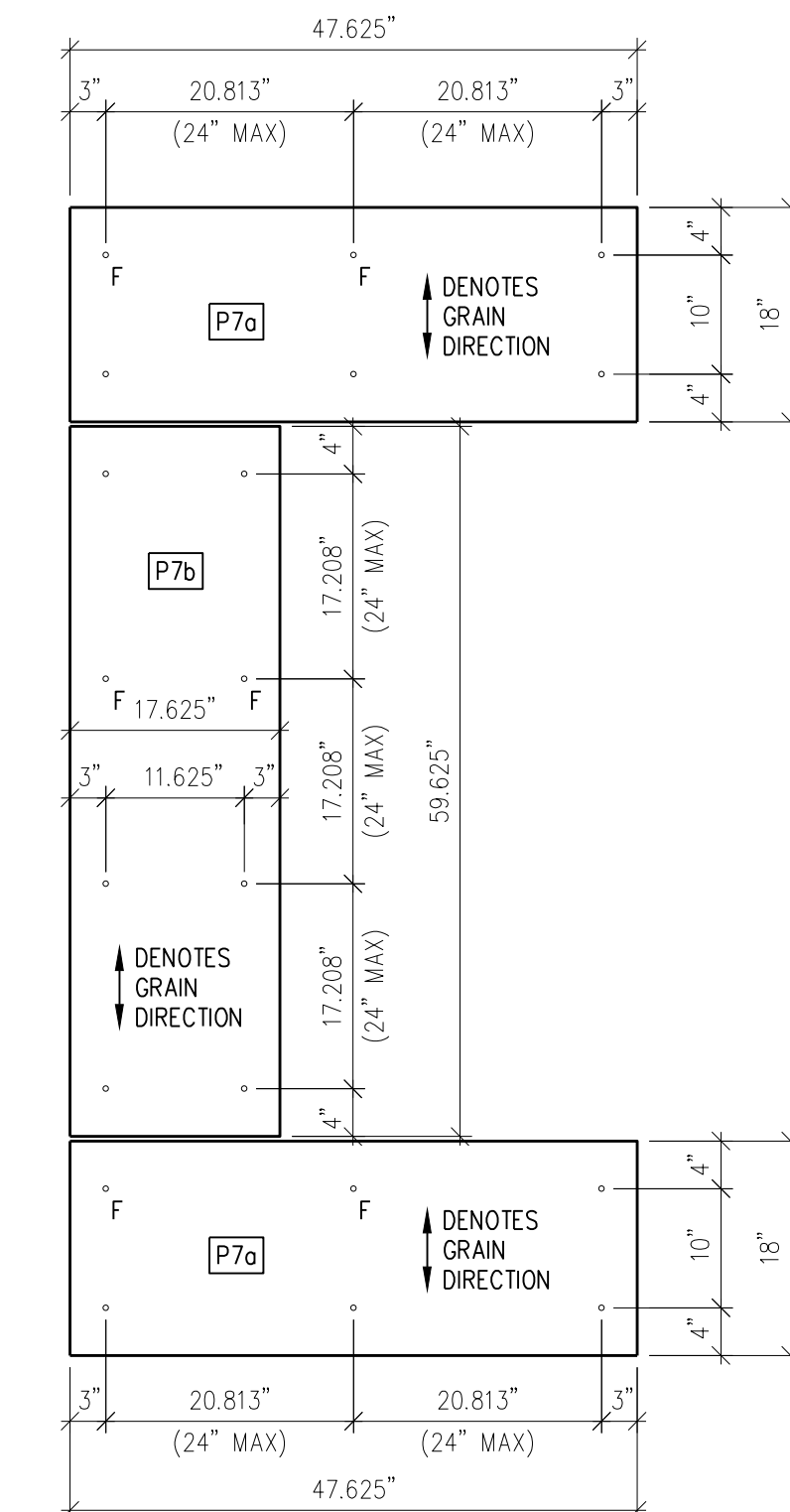


ANGLED

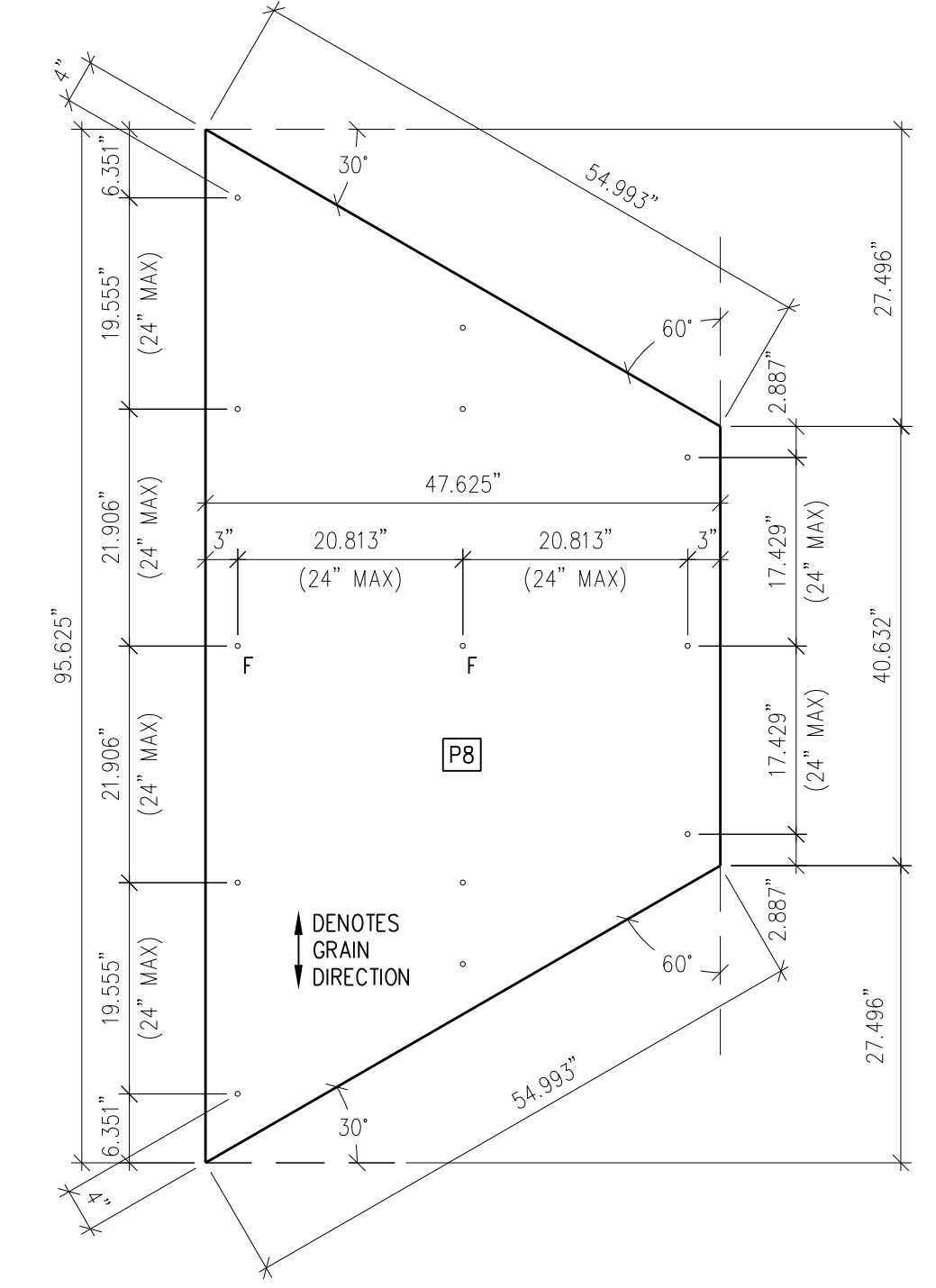


C-SHAPED

NOTE:
AFCC WILL NOT WARRANTY
C-SHAPED PANELS DUE TO RISK
OF FRACTURE AT LEG. THIS IS
REQUIRED TO BE FABRICATED
AS MULTIPLE PANELS.



C-SHAPED



TAPERED

NOTE:
RAINSCREEN SUPPORT
FURRING RUNS VERTICALLY
BEHIND PANELS

ENLARGED PANEL LAYOUTS - PATINA
3/4"=1'-0"

DRILLING KEY:

F = FIXED POINT 21/64"
UNMARKED HOLE = GLIDING POINT 7/16"

Sample Project

AMERICAN FIBER CEMENT CORPORATION - Fiber Cement Panel Layout

SAMPLE
ENLARGED FASTENER
LAYOUTS

Scale: AS NOTED Drawn By: DR

SP04