

| FASTENER SCHEDULE |   |      |               |         |            |                                   |
|-------------------|---|------|---------------|---------|------------|-----------------------------------|
| FASTENER          | HORIZONTAL SPACING PER WALL CONSTRUCTION (INCHES) |      |               |         |            |                                   |
|                   | HARDWARE  | DIA. | QTY. PER SIGN | MASONRY | WOOD STUDS | EIFS/DRYVIT OVER 1/2" MIN PLYWOOD |
|                   | WOOD SCREW <sup>1,2</sup>                         | #10  | 4             | NO      | YES        | YES                               |
|                   | TEK SCREW <sup>3</sup>                            | #10  | 4             | NO      | NO         | NO                                |
|                   | LAG BOLT <sup>3</sup>                             | 3/8" | 4             | NO      | YES        | YES                               |
|                   | THRU-BOLT <sup>4</sup>                            | 3/8" | 4             | YES     | NO         | YES                               |
|                   | EXPANSION ANCHOR <sup>5</sup>                     | 3/8" | 4             | YES     | NO         | NO                                |
|                   | CARBON STEEL SCREW ANCHOR <sup>6</sup>            | 3/8" | 4             | YES     | NO         | NO                                |
|                   | TOGGLE BOLT <sup>8</sup>                          | 3/8" | 4             | YES     | NO         | YES                               |

1) MINIMUM 1.5" EMBEDMENT INTO WOOD STUDS, OR MIN 1/4" PROTUDED FROM THE BACK OF PLYWOOD.

2) MIN 1/4" PROTUDED FROM THE BACK OF METAL STUD.

3) MINIMUM 2.5" EMBEDMENT INTO WOOD STUDS, OR MIN 1/4" PROTUDED FROM THE BACK OF PLYWOOD.

4) ANCHORS REQUIRE A MINIMUM 2" EMBEDMENT, ANCHOR SHALL BE INSTALLED IN CONCRETE OR GROUT FILLED CMU UNITS ONLY.

5) REQUIRES 2"x2"x1/4" STEEL BACKING PLATE.

6) USE HILTI HLC SLEEVE ANCHOR OR EQUIVALENT WITH 1-1/4" MIN EMBEDMENT

7) USE HILTI KWIK HUS-E OR APPROVED EQUIVALENT WITH 1-5/8" MIN EMBEDMENT.

8) MINIMUM 20 GAUGE METAL THICKNESS

9) THROUGH BLOCK FACE FOR CLAY BRICKS

9) IF THE CONTRACTOR ENCOUNTERS A METAL/WOODEN STUD, HE/SHE SHALL FOLLOW THE LAG/TEK SCREW GUIDELINE AS SHOWN ON THE SCHEDULE ABOVE. THE CONTRACTOR SHALL MAKE EVERY ATTEMPT TO USE STUDS WHENEVER POSSIBLE.

NOTE: THIS FASTENER SCHEDULE IS INTENDED FOR USE WITH SIGN CONNECTION TO BUILDING ONLY. IT IS ASSUMED THAT THE BUILDING IS RIGID, FREE OF STRUCTURAL DEFECTS, AND STRUCTURALLY SUFFICIENT TO CARRY THE LOAD OF THE SIGN. CONTRACTOR SHALL FOLLOW FASTENER SCHEDULE TO DETERMINE FASTENER TYPE TO BE USED FOR INSTALLATION AND SHALL ENSURE THE FASTENER HAS A RIGID AND STRONG CONNECTION. CONTRACTOR SHALL FOLLOW MANUFACTURERS SPECS FOR FASTENER/ANCHOR INSTALLATION. CONTRACTOR SHALL ENSURE THAT FASTENER BEARS ON WALL FACADE IMMEDIATELY AFTER INSTALLATION. CONTRACTOR SHALL NOT USE EXISTING HOLES PRESENT IN THE CURRENT FASCIA FOR FASTNER INSTALLATION.

## ASCE 7-16 Site Criteria

Ultimate Wind Speed 113 mph

Wind on Ice 40 mph

Snow Load 46 psf

Ice Thickness 0.84 In

Risk Category II

Exposure Category B

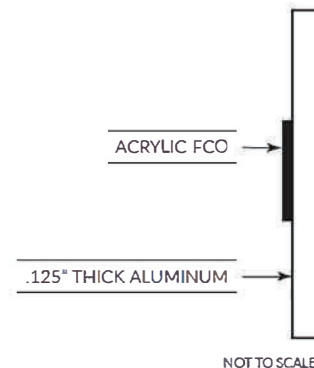


2" deep aluminum pan painted white / PMS 2380 C  
 1/4" thick acrylic letters painted to match Pantone 485 C  
 Qty. 1 - single sided, Qty. 1 - double sided



(Structural Components Only)  
 Digitally Signed by Taqi Khawaja, P.E.  
 Dated: 05/20/2024

### TYPICAL INSTALLATION DETAIL ACRYLIC FCO ON PAN



NOT TO SCALE

FASTSIGNS

Client:  
 Nurse Wellness

Location:  
 523 Main St.  
 Bethlehem, PA

Date:  
 5/8/24

Dwg By:  
 tn

Invoice:  
 97142 (3/24)

Revision:  
 5/17/24

DWG# 1 OF 2

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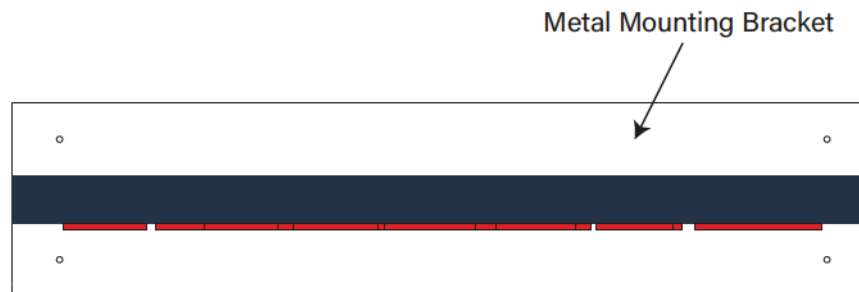
**FASTSIGNS**  
 ALLENTOWN

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(Structural Components Only)  
Digitally Signed by Taqi Khawaja, P.E.  
Dated: 05/20/2024

Single Faced  
Overhead View



Client:  
Nurse Wellness

Location:  
523 Main St.  
Bethlehem, PA

Date:  
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Dwg By:  
tn

Invoice:  
97142 (3/24)

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DWG# 1 OF 2

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