5-Year Warranty

Proudly Made in the U.S.A.

ADA SOLUTIONS, INC.

DETECTABLE WARNING SURFACES FOR PEDESTRIAN CROSSINGS

Surface Mount Tactile

Service, Delivery and Price
Make ADA Solutions, Inc. the Obvious Choice

WWW.ADATILE.COM • 800-372-0519

Surface Mount Tactile

In stock colors

White
37875

Brick Red
20109

Yellow
33538

Blue
15187

Safety Red
31350

Seattle Yellow
23594

Black
37038

Dark Gray
36081

Clay Red
22144

Surface Mount Composite Tactile

Installation Procedure

Be sure to read and understand <u>all</u> of these instructions <u>before</u> you begin.

A. The installation area should be cleaned of all debris, oil and grease, making sure the area is completely free of moisture. Tactile Panel may be surface mounted on existing pre-cleaned substrate.

B. Lay out the Tactile Panel on the substrate as it will appear when installed.
- If required, the Tactile Panel may be cut using a table saw and carbide tipped blade. See web site for more details.

C. Place a 3/8" bead of adhesive on the frame of the bottom of each Tactile Panel. Adhesive yield: 10SF per 10 ounce cartridge.

D. Set the Tactile Panel in the installation area. Make all necessary adjustments prior to fastening.

E. Fasteners shall be installed in pre-formed fastener locations. Holes shall be drilled using a hammer drill with 1/4" x 2" min SDS bits. The drilled holes must be a minimum of 2" deep. Place fasteners in hole and hammer into place.
- If additional fasteners are required, use a 1/2", six point, 82 degree countersink to add a new fastener location. Follow the same drilling method for installing the fastener.

F. Caulk around perimeter of entire installation using BASF NP1 or equivalent.
- All concrete dust present on the Tactile Panel resulting from the drilling process must be cleaned off of the Tactile Panel prior to using any caulking materials.

***Not recommended or warrantied for asphalt installation.**

PRODUCT SIZES
2′x3′ 2′x4′ 2′x5′
3′x4′ 3′x5′

APPLICATION
Existing Concrete Ramps

View additional photos, drawings and specifications on our website: www.adatile.com.
Call (800) 372-0519 with any questions.

Surface Mount Composite Tactile

Inline Dome Pattern

DOME GEOMETRY

In accordance with ADA Regulations for Detectable Warning on Curb Ramps: Raised truncated domes with a diameter of nominal 0.9", a height of nominal 0.2", and a center-to-center spacing of nominal 1.67" minimum and 2.35" maximum.

PANEL DIMENSIONS

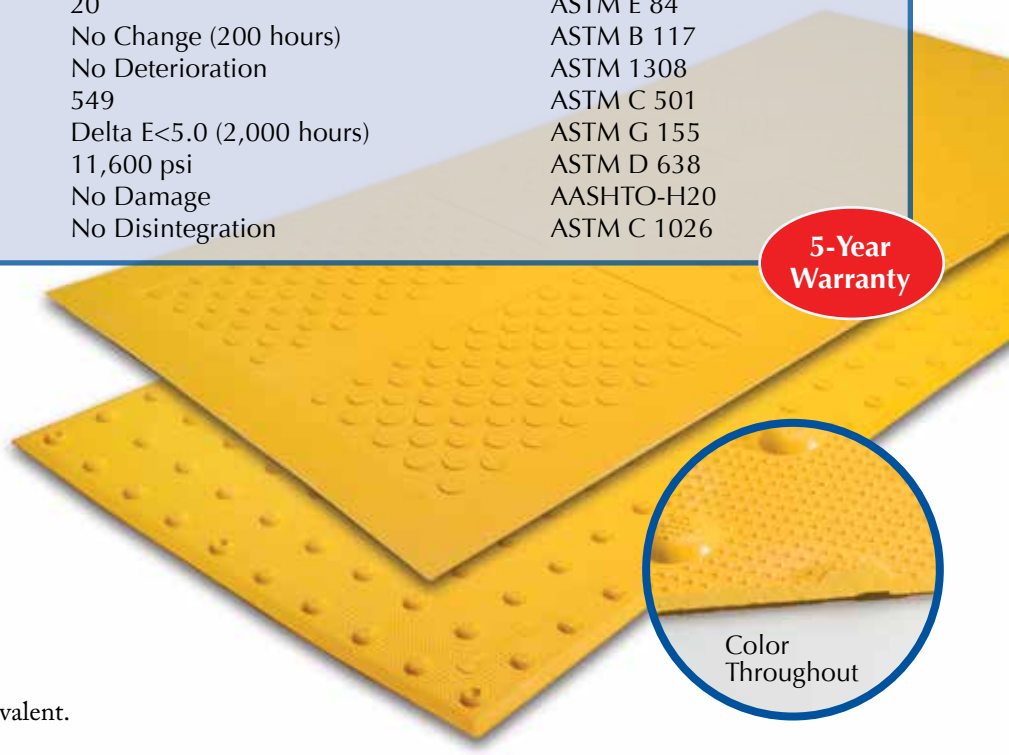
Tactile Panels are available in 24"x36", 24"x48", 24"x60", 36"x48" and 36"x60" sizes and measure 3/16" thick. Panels can be custom cut to fit field conditions. All four edges of each panel have a ½" beveled edge. Each panel has 12 to 24 pre-formed fastener locations based upon panel size.

MATERIAL

A durable exterior grade homogenous glass, carbon, and fiberglass reinforced composite material which is colorfast and UV stable. The color of the Tactile Unit is uniform throughout and does not rely on any type of paint coating to achieve color stability. Standard colors include: Federal Yellow, Seattle Yellow, White, Brick Red, Clay Red, Safety Red, Blue, Dark Gray and Black. For superior wheelchair, walker and shopping cart mobility, truncated domes have a center-to-center (horizontally and vertically) spacing of 2.35 inches.

PHYSICAL CHARACTERISTICS

Compressive Strength	28,900 psi	ASTM D 695
Flexural Strength	29,300 psi	ASTM D 790
Water Absorption	.07%	ASTM D 570
Slip Resistance	1.18 Dry, 1.05 Wet	ASTM C 1028
Flame Spread Index	20	ASTM E 84
Salt Spray	No Change (200 hours)	ASTM B 117
Chemical Stain Testing	No Deterioration	ASTM 1308
Abrasion Resistance	549	ASTM C 501
Accelerated Weathering	Delta E<5.0 (2,000 hours)	ASTM G 155
Tensile Strength	11,600 psi	ASTM D 638
Load Bearing at 16,000 lbs.	No Damage	AASHTO-H20
Freeze/Thaw/Heat	No Disintegration	ASTM C 1026



INSTALLATION

ADA Surface Applied TWS Panel (Existing Concrete): TWS panel can be easily installed (adhered, fastened & sealed) in a matter of minutes.

INCIDENTALS

Fasteners: ¼" x 1⅝", composite sleeve anchor with stainless steel pins.

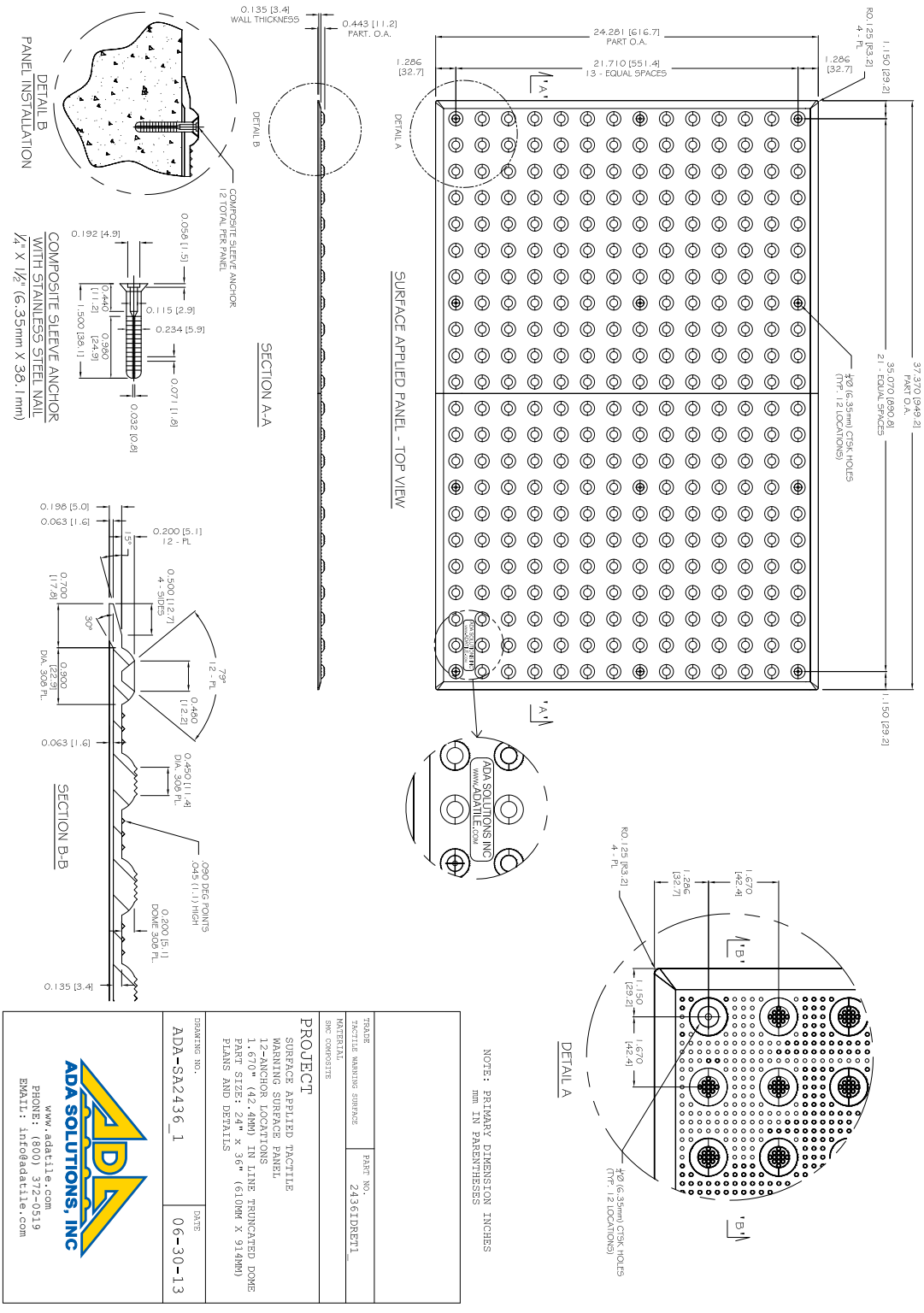
Adhesive: One component structural elastomeric adhesive.

Sealant: BASF NP1, Sikaflex 1A, or equivalent.

Surface Mount Composite Tactile

24″ x 36″ (610 x 914mm) Tile

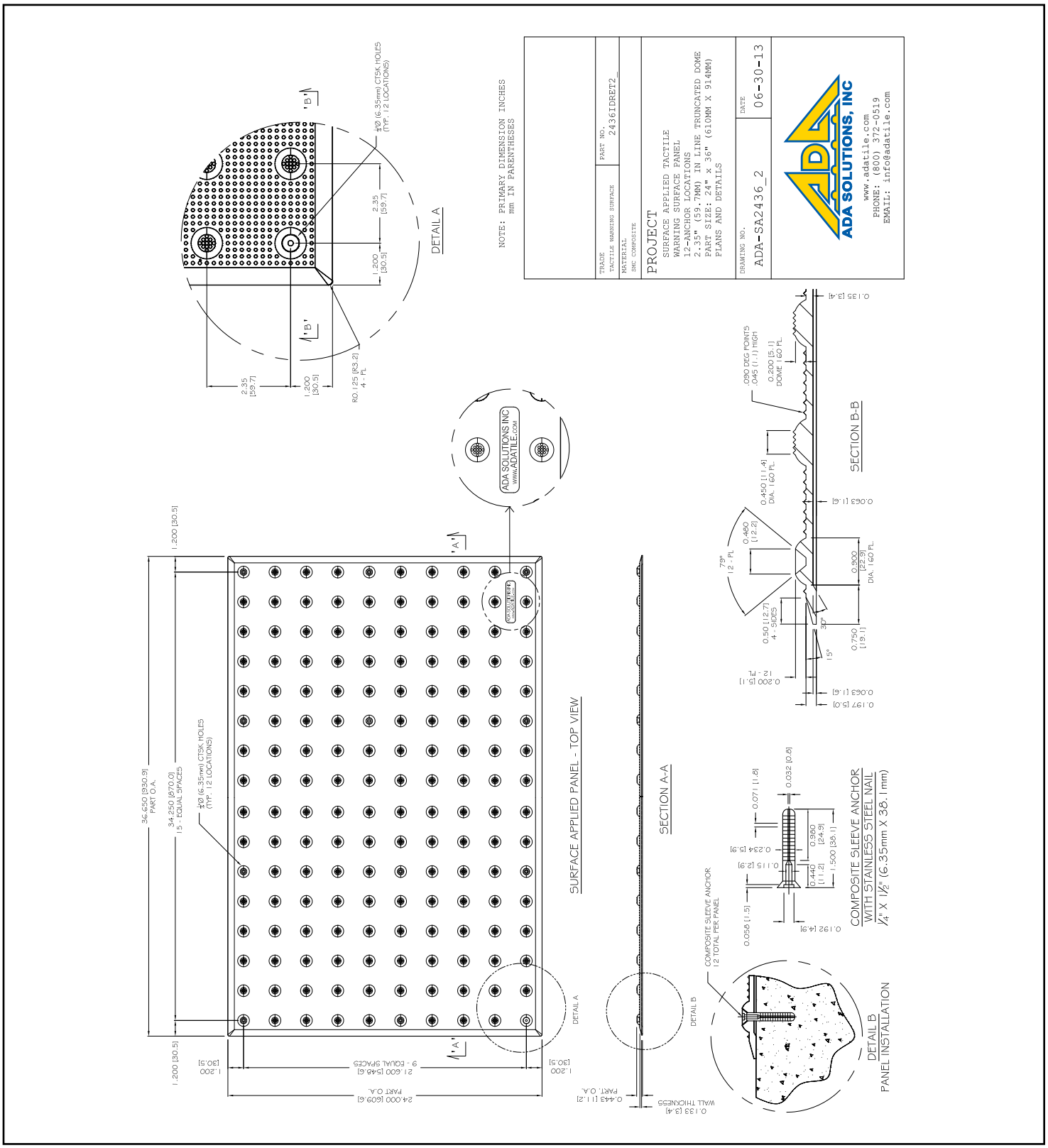
1.67″ (42.4 mm) Dome Spacing



Surface Mount Composite Tactile

24″ x 36″ (610 x 914mm) Tile

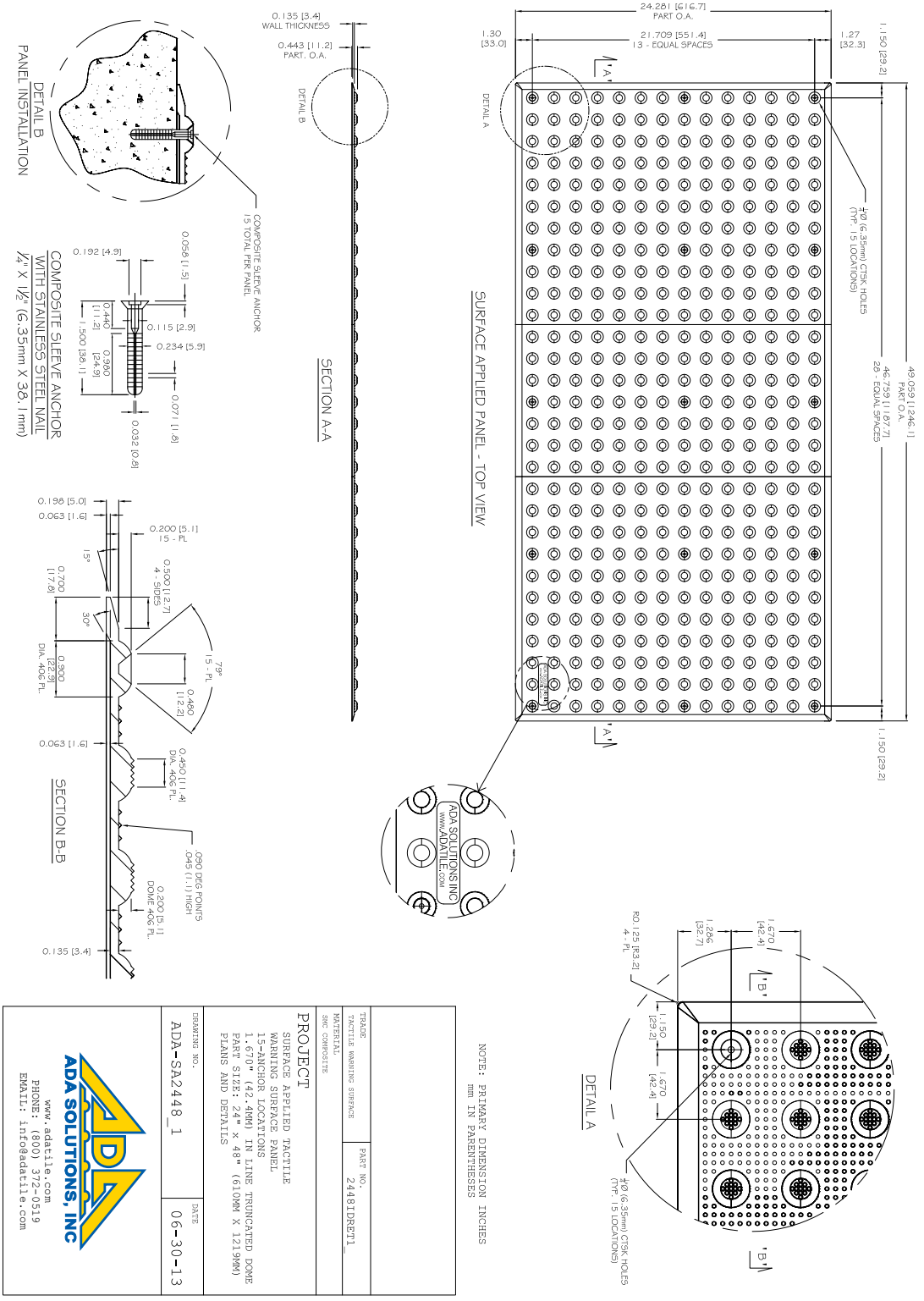
2.35″ (59.7 mm) Dome Spacing



Surface Mount Composite Tactile

24″ x 48″ (610 x 1219mm) Tile

1.67″ (42.4 mm) Dome Spacing



NOTE: PRIMARY DIMENSION INCHES
mm IN PARENTHESES

TRADE: TACTILE WARNING SURFACE	PART NO.: 2448IDRET1_
MATERIAL: SMC COMPOSITE	
PROJECT: SURFACE APPLIED TACTILE WARNING SURFACE PANEL 15-ANCHOR LOCATIONS 1.670" (42.4MM) IN LINE TRUNCATED DOME PART SIZE: 24" x 48" (610MM X 1219MM) PLANS AND DETAILS	
DRAWING NO.: ADA-SA2448_1	DATE: 06-30-13

ADA SOLUTIONS, INC
www.adatile.com
PHONE: (800) 372-0519
EMAIL: info@adatile.com

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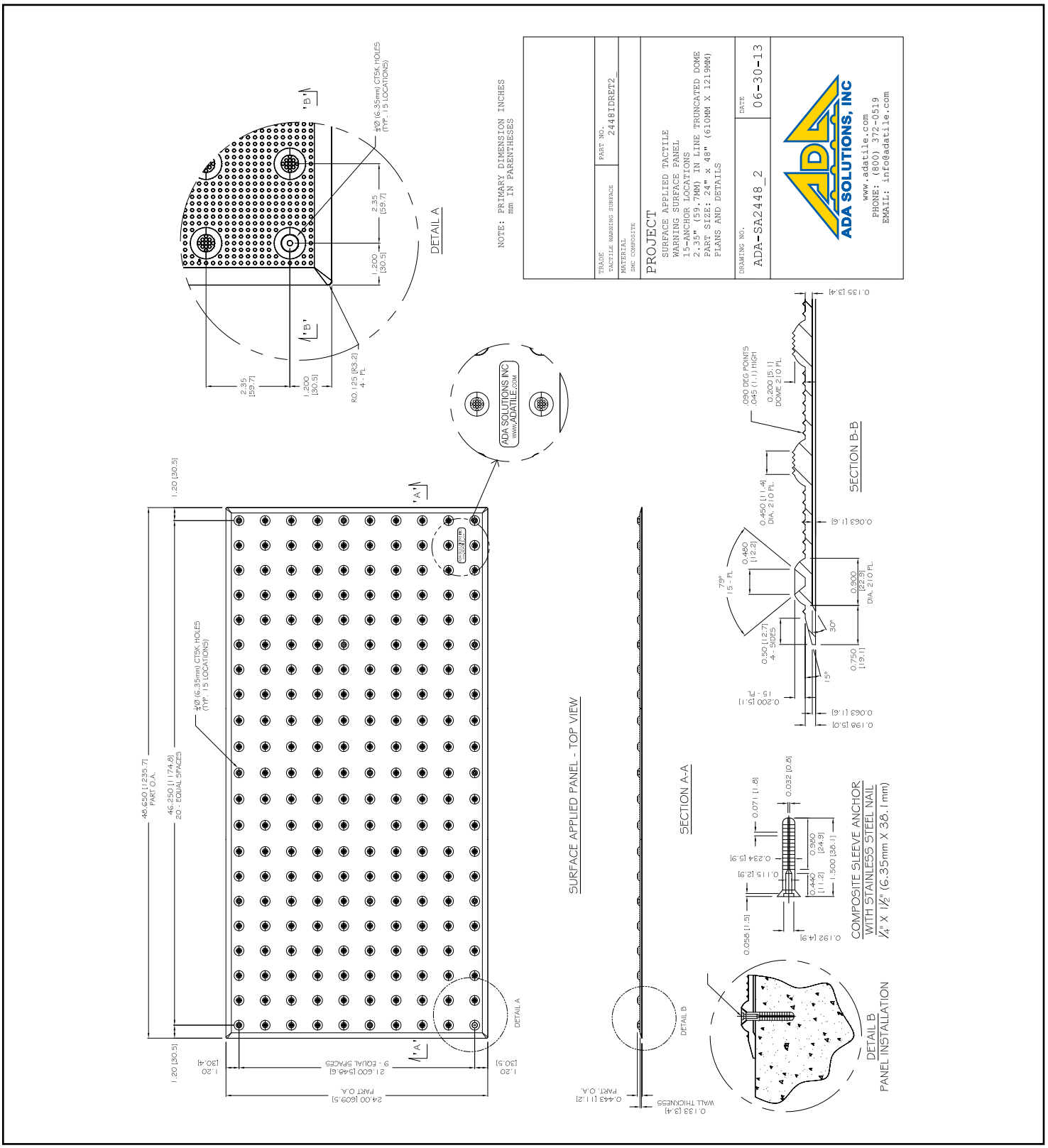

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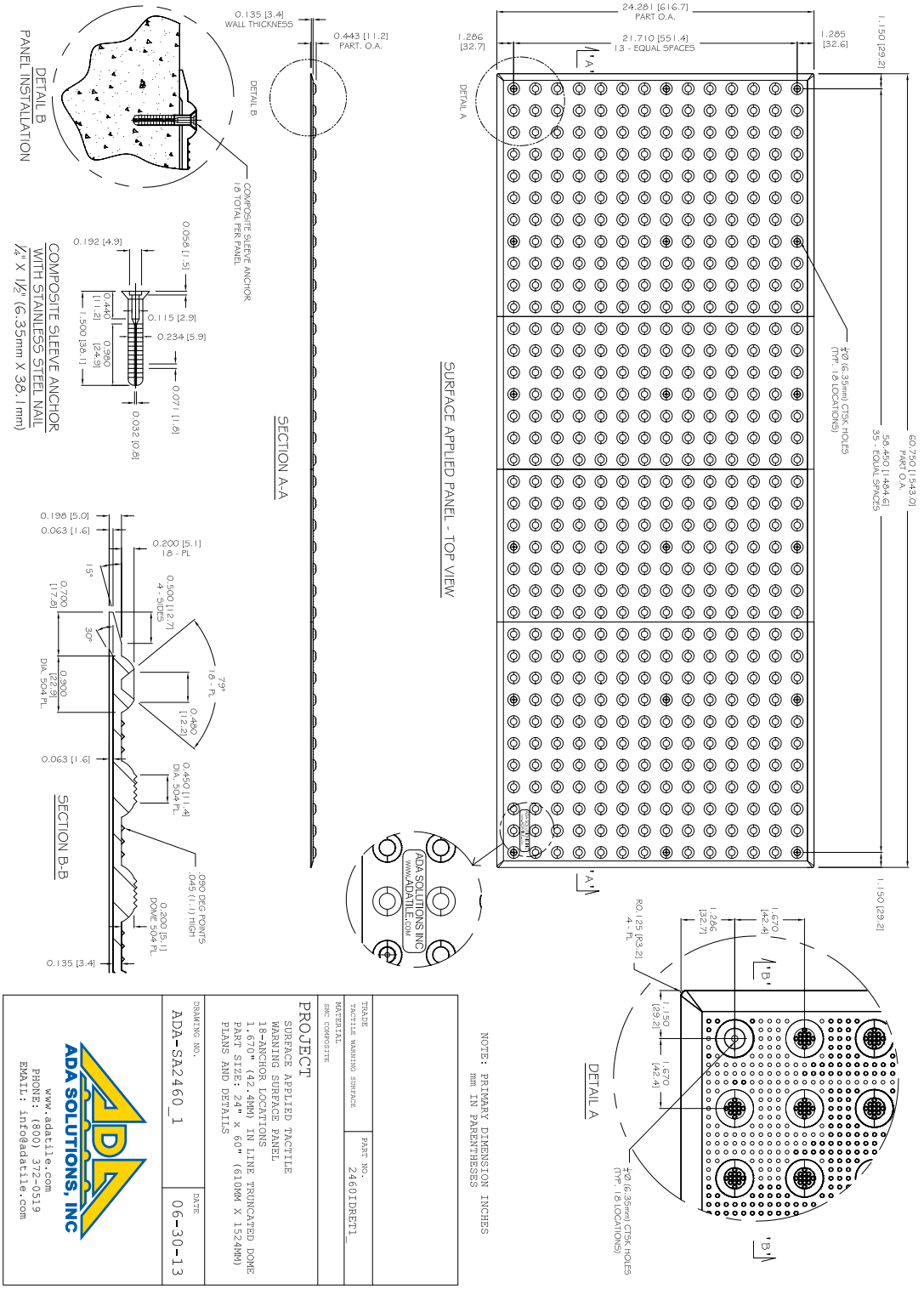

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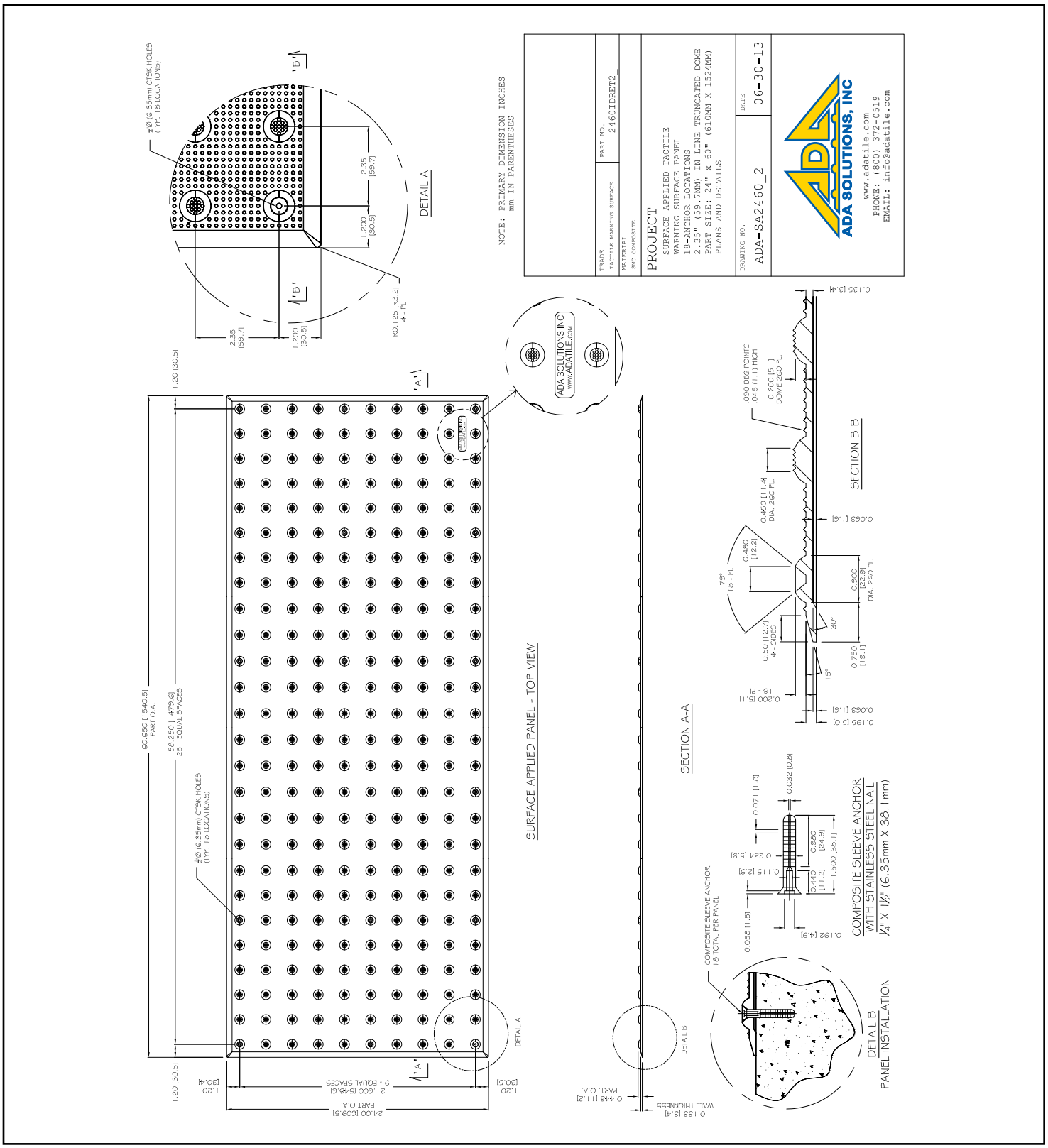

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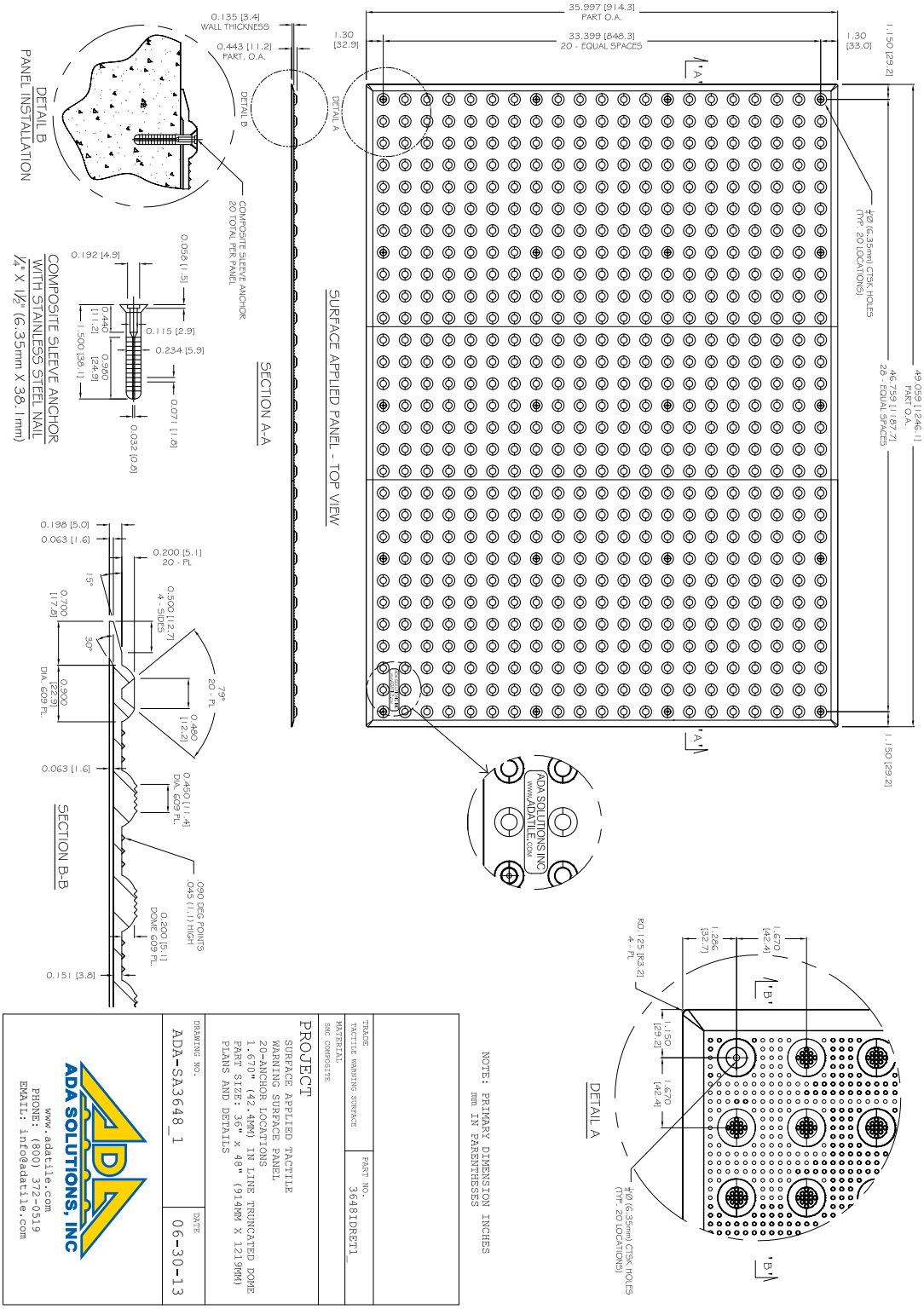

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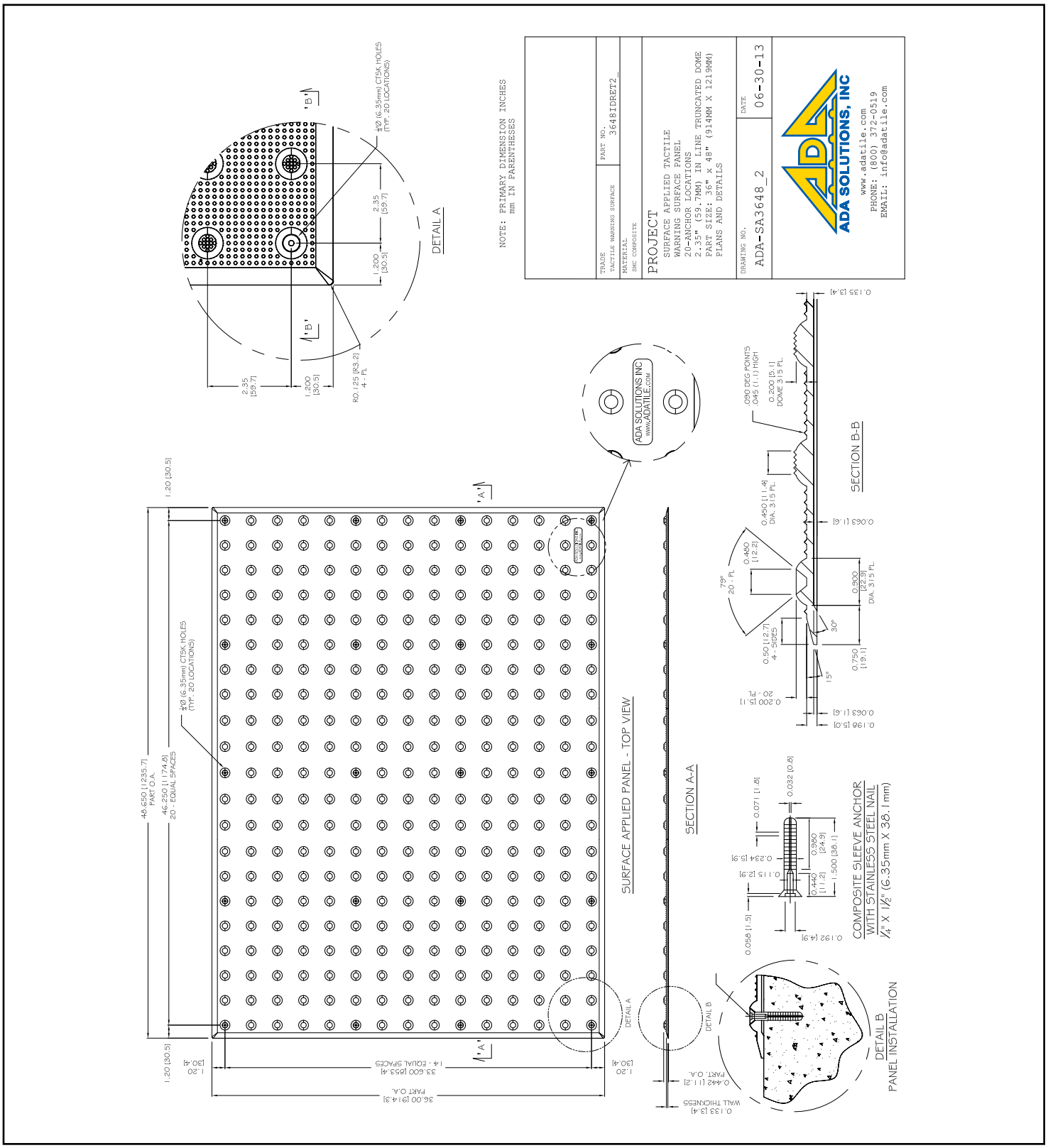

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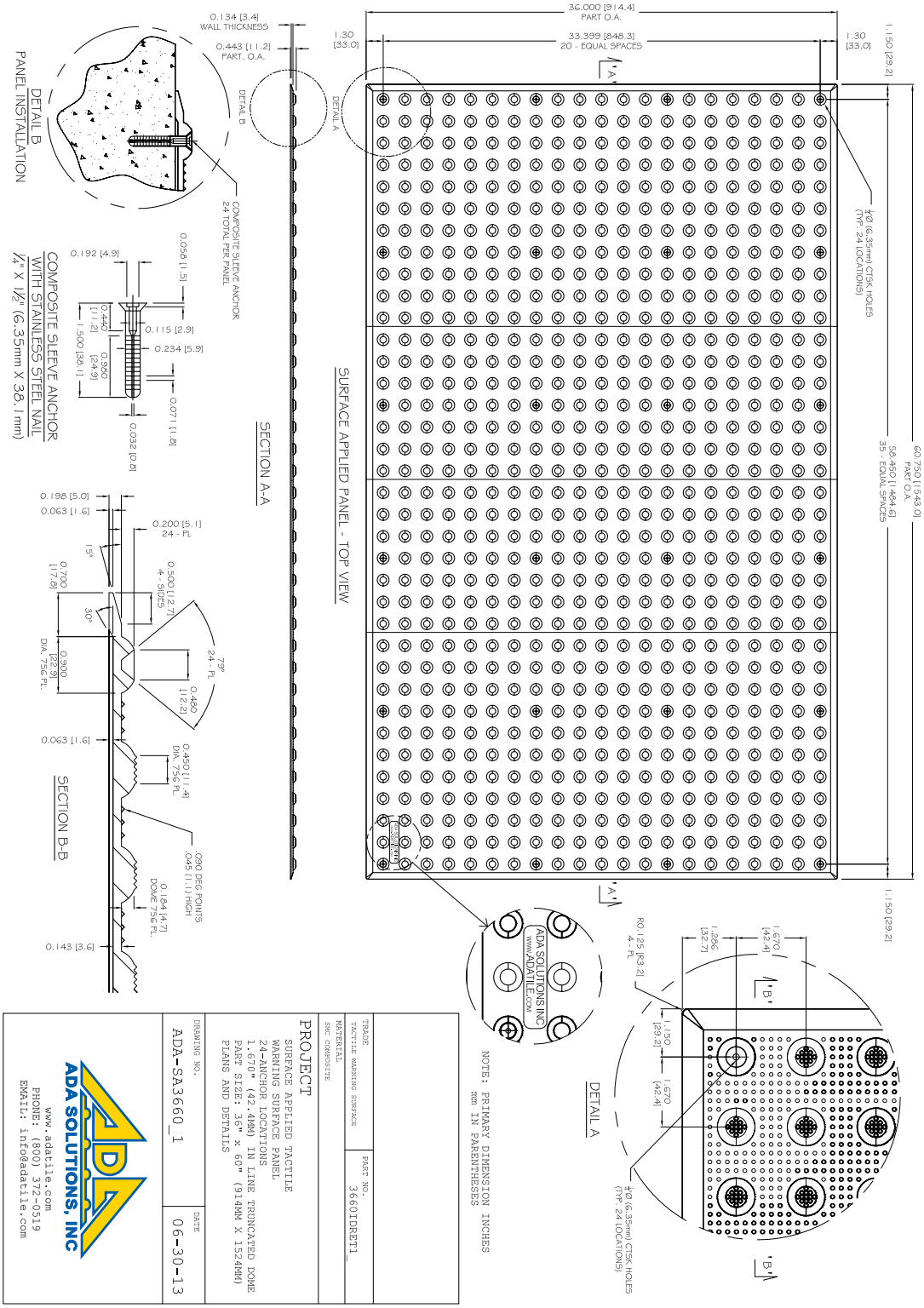

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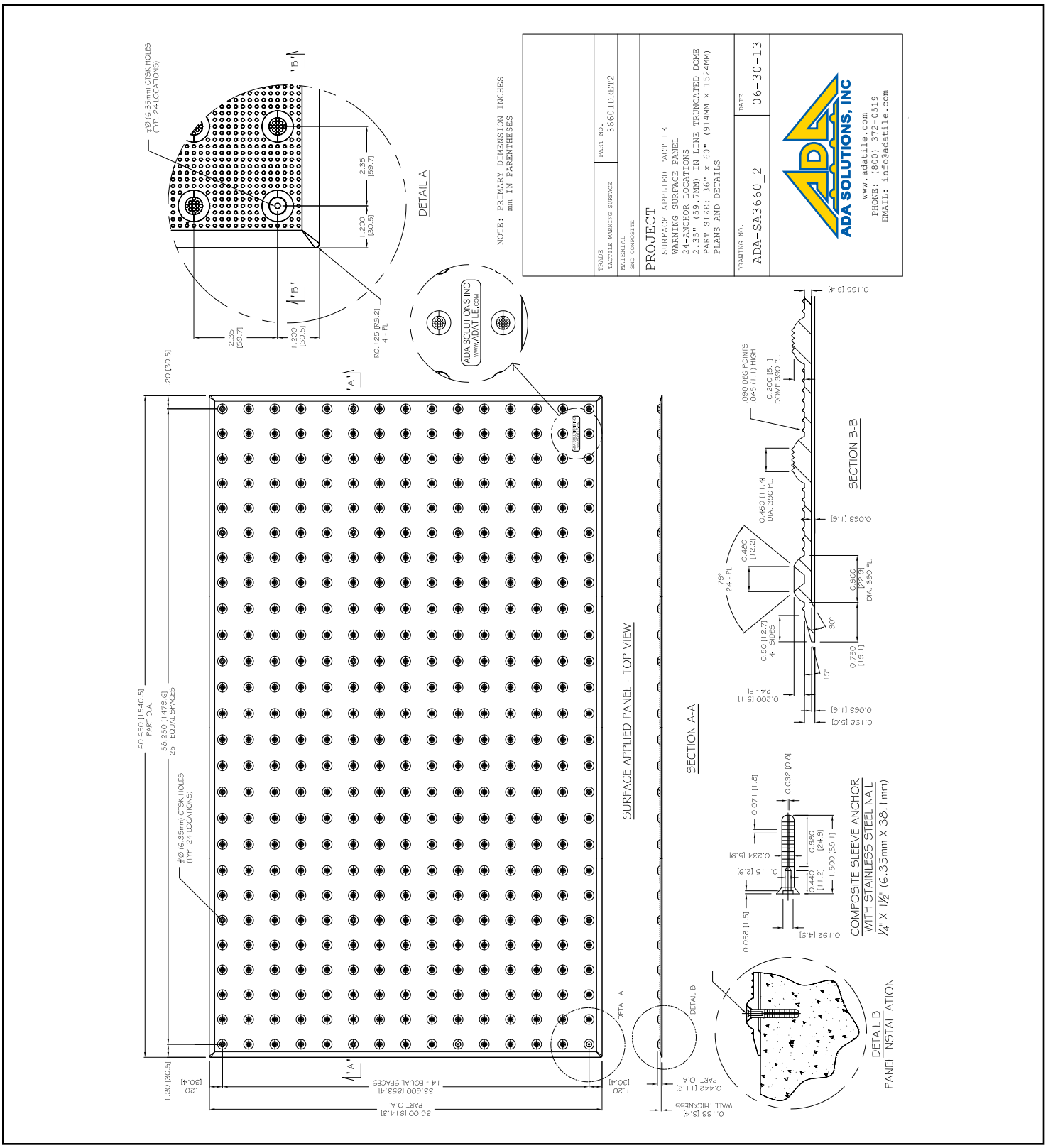

ADA SOLUTIONS, INC.

Wherever you go...
There we are™

- INDUSTRY LEADING SERVICE, DELIVERY AND PRICE
- ONE PIECE APPLICATION
- TIME-SAVING INSTALLATION
- CAST-IN-PLACE REPLACEABLE
- RADIUS REPLACEABLE (WET-SET)
- RADIUS SURFACE MOUNT
- SURFACE MOUNT (RETROFIT)
- CAST-IN-PLACE (WET-SET)
- BAR TILE SURFACE MOUNT
- BAR TILE REPLACEABLE (WET-SET)
- GUIDE TILE
- ADAAG COMPLIANT
- UNIFORM COLOR THROUGHOUT

PRODUCT INFORMATION / SUBMITTAL