

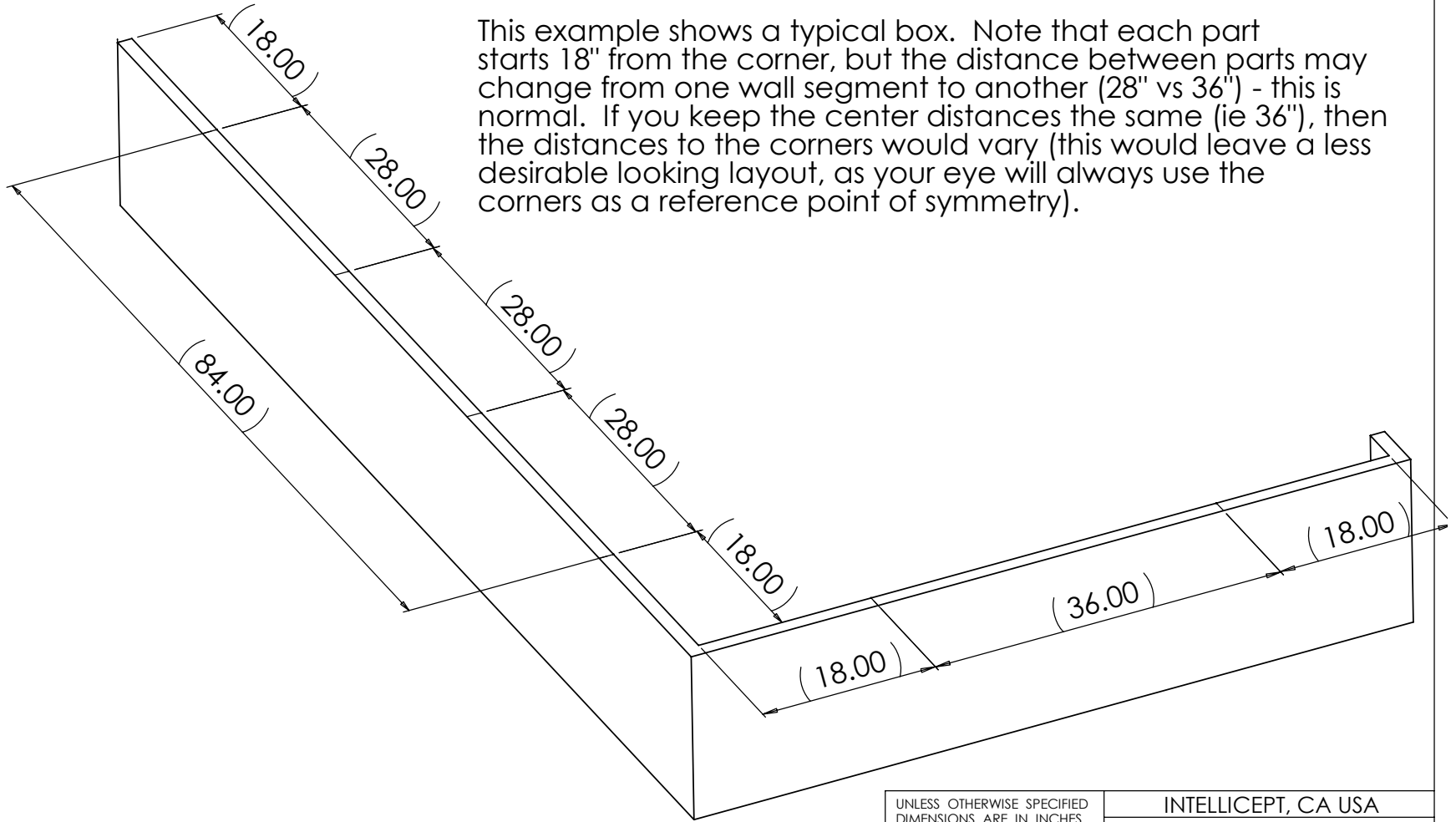
## F.I. Series Skate Deterrent ORANGE PROTECTIVE BOOT

The orange protective coating on this product is a temporary coating that is designed to keep the part and the anodize finish clean during the installation/pour phase of construction. We recommend installing the parts in the form notches only days prior to pouring (notching can be performed at any time). We recommend removing the boot within a week after the pour. Use a knife to cut the boot flush at the concrete surface and pull the rubber boot.

NOTE: The rubber boot may plasticize if left on for extended periods of time or left to prolonged UV exposure. If the boot has hardened, you may need use chemical agent (M.E.K.) and a rag to remove it.

Layout the parts at approximately 18" from the end points (NOTE: measure from the inside of the form to account for the thickness of the form board). Then divide the distance between the end points into equal increments to define the center spacing (target 28-42" centers).

This example shows a typical box. Note that each part starts 18" from the corner, but the distance between parts may change from one wall segment to another (28" vs 36") - this is normal. If you keep the center distances the same (ie 36"), then the distances to the corners would vary (this would leave a less desirable looking layout, as your eye will always use the corners as a reference point of symmetry).



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	INTELLICEPT, CA USA		
	FI Series Layout		
MATERIAL			
FINISH			
SCALE	CAD FILE:	SHEET	

Concrete is poured to the top of the top of the 4" level in this example.

(4.00)

(0.75)

(0.75)

FI part is inserted in 3/4" wide x 3/4 deep notch that is routed in the form board. Notches are routed at approximately 36" intervals (see layout instructions).

**IMPORTANT: Parts are designed to be set into a 3/4" x 3/4" notch. Failure to set the depth to the proper height may result in improper installation.**

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

INTELLICEPT, CA USA

MATERIAL

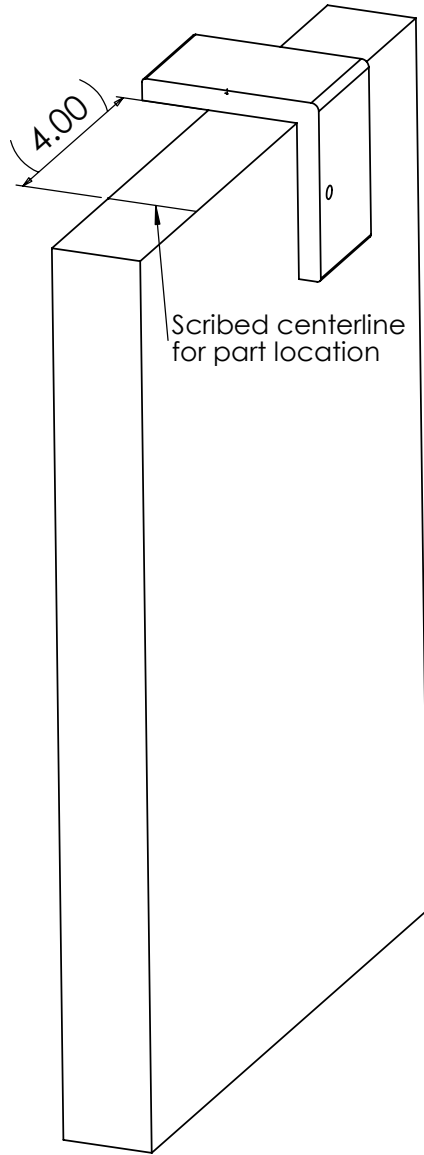
FI Series Installation by Routed Notch

FINISH

SCALE

CAD FILE:

SHEET



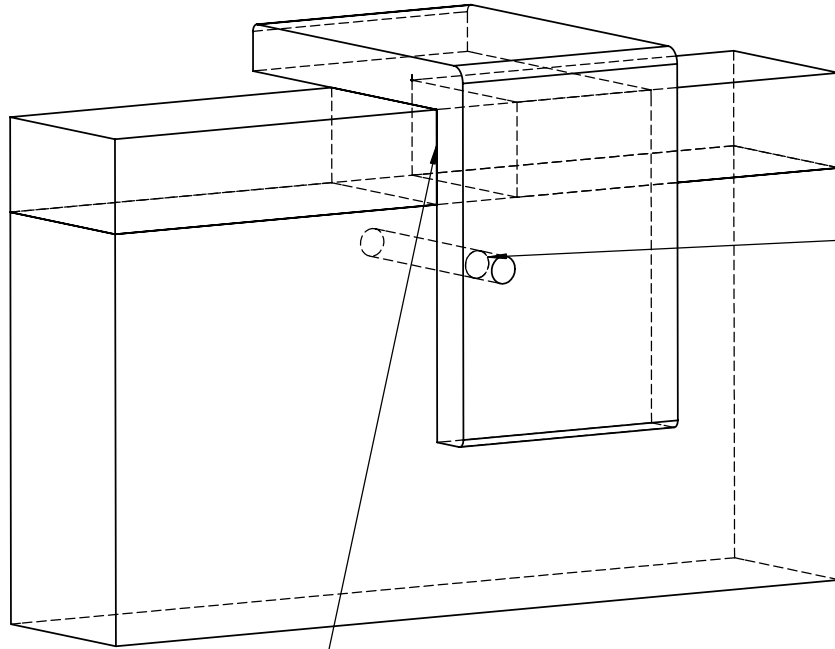
Once the layout has been defined (the centerline for each part location should be scribed with a pencil on the top of the form board), you are ready to notch the form board.

Measure the diameter of your router base. Divide the diameter by 2 to calculate the radius (in our case, we assume that the base is 8"; therefore, the radius is 4"). From the inside of the form, attach the Router Guide/Drill Jig such that the edge of the guide is the calculated radius distance from the marked centerline (in our example it is 4"). Clamp the bracket to the form, using a C-clamp.

Insert your 3/4" dado blade into the router. Set the cut depth 1-1/8" (Check your depth on scrap before cutting on the form).

Starting the router from the inside of the form, push the router along the Router Guide/Drill Jig to cut a notch into the form. Note: the guide is intended to make the notch cut straight through the board without any wandering. You may cut the notch part way through or entirely through the board (the notch must be at least 3/4" through the board or the part will not set in the notch correctly).

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	INTELLICEPT, CA USA		
MATERIAL	Router Guide Layout FI Series (FOR ROUTED NOTCH METHOD ONLY)		
FINISH			
SCALE	CAD FILE:	SHEET	



1) From outside of form, align left edge of bracket to the left edge of the notch.

2) Once the bracket is aligned to the form, use the drill jig to drill a 7/32" hole through the form board.

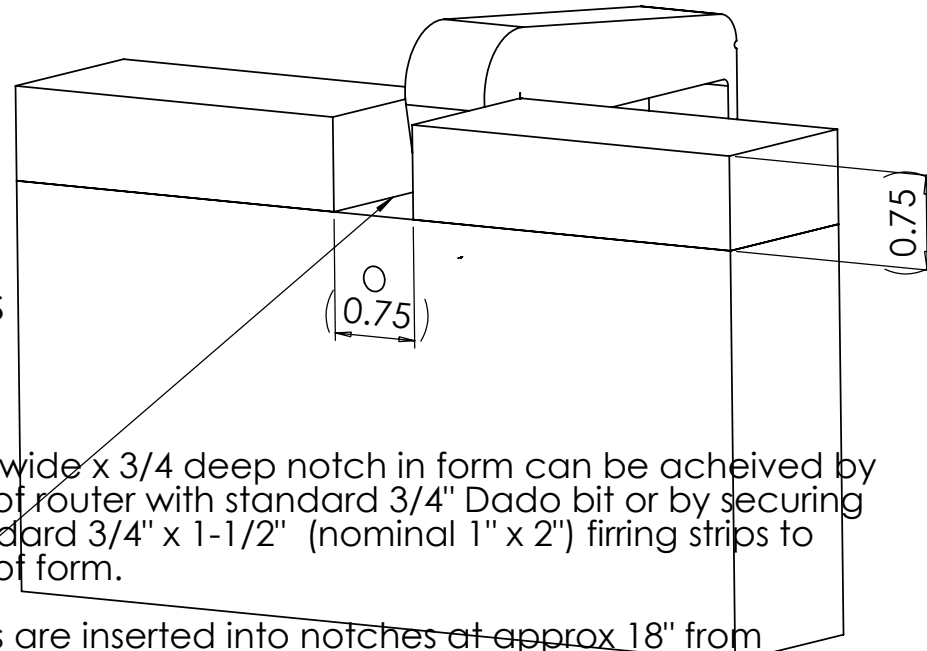
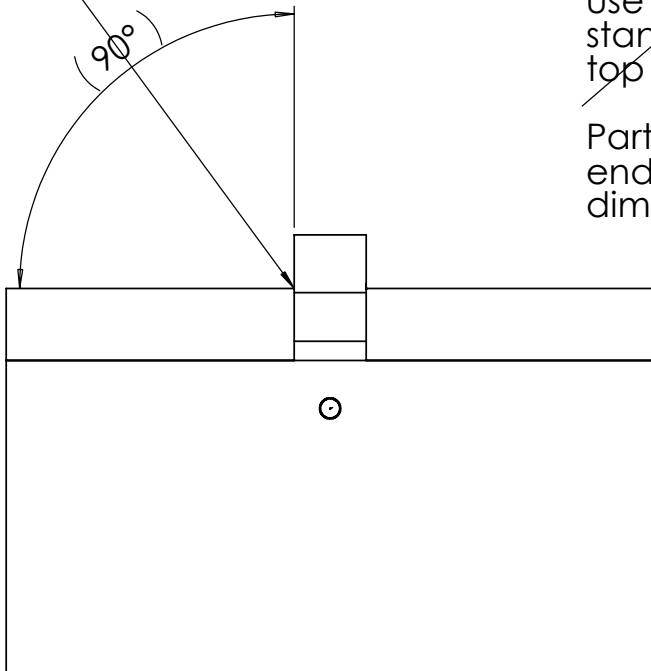
Correct Hole

When you remove the drill guide, the thru hole should be centered on the notch and 1/2" from the bottom of the notch.

Note: The hole is bigger than the #6 screw to facilitate easy alignment of the screw to the part during attachment.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		INTELLICEPT, CA USA	
MATERIAL		FI Series REV B Drill Jig Alignment	
FINISH			
SCALE	CAD FILE:	SHEET	

IMPORTANT: BE SURE THAT PART IS SQUARE TO FORM WHEN TIGHTENING WITH SCREWS AND DURING EDGE TROWELLING.



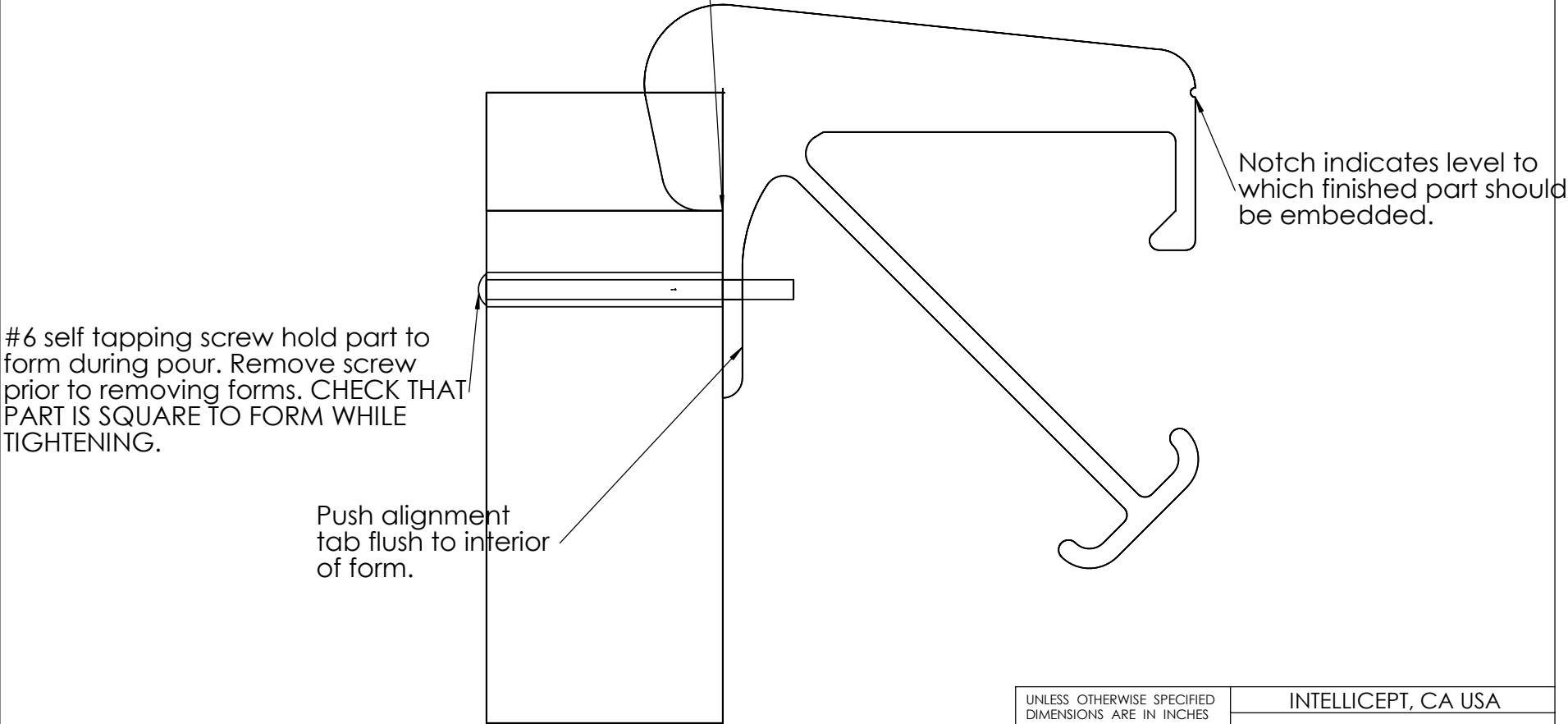
3/4" wide x 3/4" deep notch in form can be achieved by use of router with standard 3/4" Dado bit or by securing standard 3/4" x 1-1/2" (nominal 1" x 2") furring strips to top of form.

Parts are inserted into notches at approx 18" from end points and approx 36" centers (actual center dimensions will vary to achieve symmetrical layout).

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		INTELLICEPT, CA USA	
MATERIAL		FI Series REV B Installation Illustration	
FINISH			
SCALE	CAD FILE:	SHEET	

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF Intellicept. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF Intellicept IS PROHIBITED.

IMPORTANT: PART MUST REST FLAT ON BOTTOM OF NOTCH TO ENSURE THAT IT IS SQUARE TO WALL EDGE. CHECK FOR SQUARE WHEN TIGHTENING TO WALL WITH SCREWS. FAILURE TO SQUARE WILL LEAD TO CROOKED PART AFTER POUR.



#6 self tapping screw hold part to form during pour. Remove screw prior to removing forms. CHECK THAT PART IS SQUARE TO FORM WHILE TIGHTENING.

Push alignment tab flush to interior of form.

Notch indicates level to which finished part should be embedded.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		INTELLICEPT, CA USA	
MATERIAL		FI Series REV B Installation Illustration	
FINISH			
SCALE	CAD FILE:	SHEET	