



**Craig  
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MFG.**

INSTALLATION  
INSTRUCTION  
MODELS ADL ADF

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**MANUFACTURED IN-FLOOR ACCESS PITS**

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# INSTALLATION INSTRUCTIONS

## for

### ADJUSTOR ACCESS PIT SYSTEM      MODEL ADL

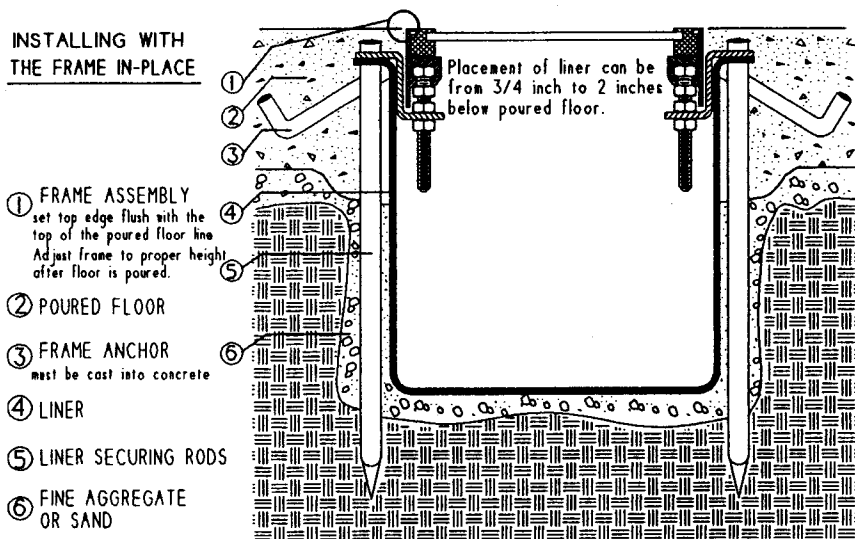
The Adjustor Access Pit System is a unit designed for light and medium use with load bearing normally associated with indoor retail building use.

As you install this unit you will become fully aware of its cost and time saving features along with its general ease of installation.

With the sturdy and easily workable Fiberglass Liner there is no need to form or pour on-site Access Pits. This alone eliminates two construction steps.

There is no need to establish the exact finish floor grade for leveling the frame at the time the liner is set. The adjustable cover assembly will do this later when the floor is poured.

#### INSTALLING WITH THE FRAME IN-PLACE



Please view all of the instructions and details before proceeding.

Study the detail closely as it shows the exact placement order of all the components.

### Installation Detail

FIG 1

#### START BY

Preparing hole to the proper depth with 2 to 3 inches of a modified gravel or sand on bottom so the liner is fully supported.

NOTE: The unit is designed so you do not have to be concerned with getting the top of the frame exactly to grade. The top of the liner needs to be from 3/4 to 2 inches below finish floor. the top frame will adjust the difference later.

**OPEN FLAMES**

**AVOID DIRECT OPEN FLAMES OR HEAT ON THE FIBERGLAS LINER.**

**PLACE A DAMP CLOTH ON THE LINER IF WELDING OR SOLDERING IN CLOSE PROXIMITY.**

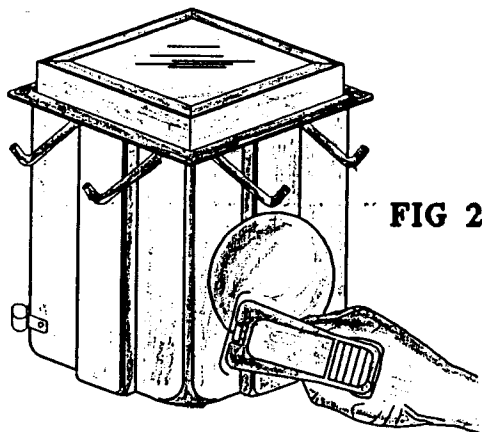


FIG 2

Mark and cut access hole(s) for the feeder duct or conduit into the side(s) of the liner. Keep the fit as tight as possible between the liner and the feeder duct.

Use a Sabor, Hole, or Sawsall saw with a medium tooth blade no greater than 12 teeth (coarse blades will tear liner).

Position the liner into the hole remembering that you have 3/4 to 2 inches of clearance available between top of liner and finish floor. Feed the duct into the liner. Allow the duct to protrude through at least 2 inches.

If an adjustor stud & nut interferes with placing the duct into the liner cut a 2 inch wide slot along the top of the duct to allow it to feed through.

Secure liner in place with the 2 steel rods driven into the ground at opposite corners.

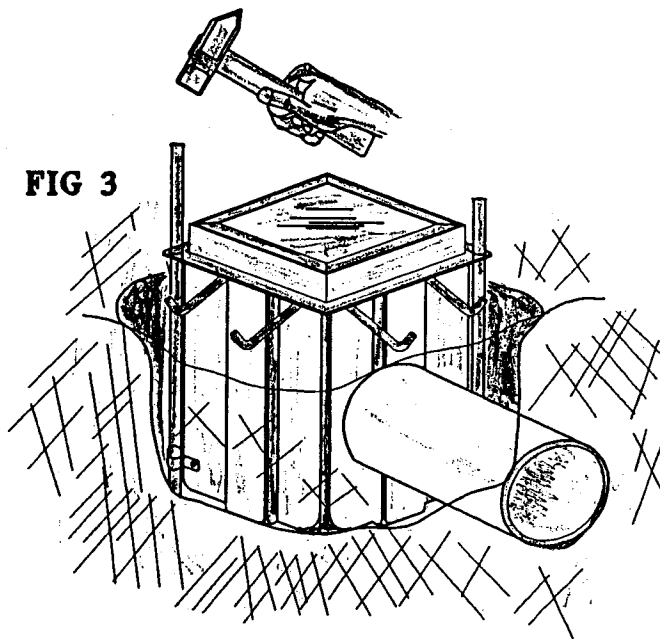


FIG 3

Backfill around the liner using HAND SHOVEL with a modified gravel or sand leaving the concrete anchors exposed.

THE CONCRETE REINFORCING ANCHORS MUST BE SOLIDLY CAST INTO THE CONCRETE.

Level the aluminum frame with the adjustor nuts to bring the top of the frame LEVEL & EVEN with the top of the floor line when poured.

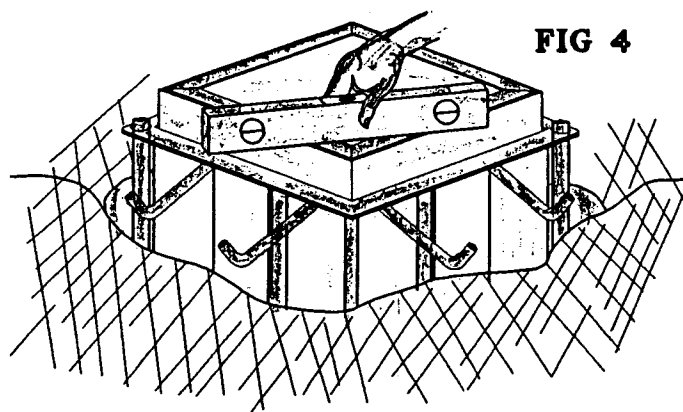


FIG 4

Before pouring the concrete floor, coat the sides of the aluminum frame with a form release or light grease.

The frame will be raised later to align with the flooring material.

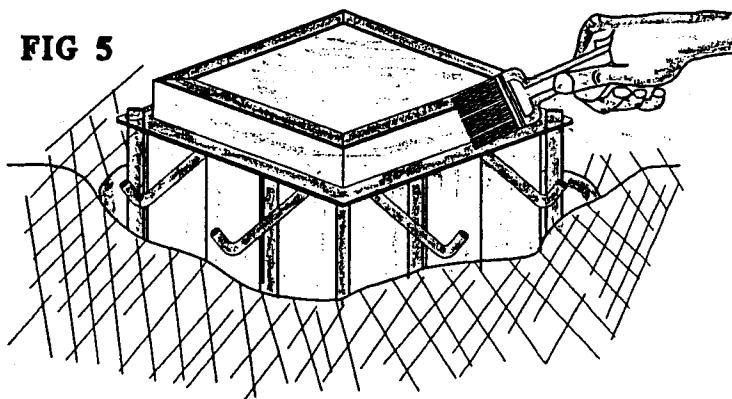
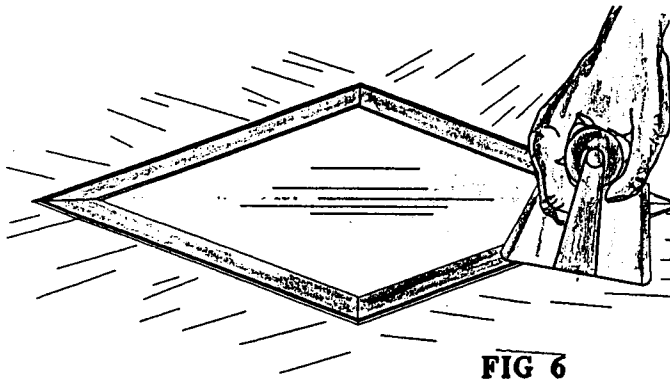


FIG 5



Pour concrete and trowel finish flush along the top edge of the frame.

Use the top edge of the frame as a guide for the finishing tool to achieve a perfect edge.

DO NOT ALLOW OVER-FLASH OF CONCRETE ON THE TOP EDGE OF FRAME

FIG 6

After the floor is cured turn the 11/16" adjustor nuts (one turn on each nut at a time) to evenly raise the frame out of concrete until you achieve the proper needed offset to match your chosen flooring material.

Lock the jam nut on the underside.

To avoid possible flexing of the cover & frame underload be sure that each adjustor is secure and sharing it's part of the load.

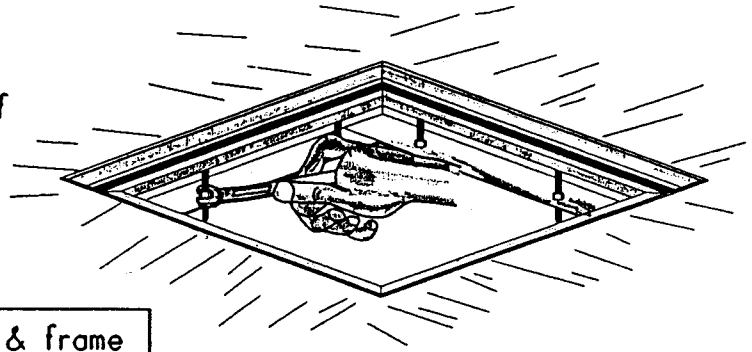
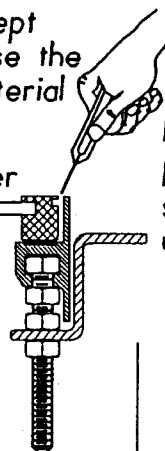


FIG 7

### COVER PLACEMENT

The pit cover is reversible to accept two styles of flooring material, choose the side that will match the flooring material used.

The border frame around the cover has a set of grooves along it's edges to allow for easy removal. To remove place a flat prying device between the cover and frame. catch the groove and lift.



### CUTTING COVERS

#### ALUMINUM COVERS

If the cover is to be cut use a 42 to 72 tooth carbide circular saw blade designed to cut aluminum. Spray the saw blade with WD40 or kerosene to prevent clogging.

TAKE CARE !!

#### STEEL COVERS

Covers can be cut or burned to size. avoid prolong heat to the aluminum edge frame.

### COVER WOBBLE

If the cover develops a wobble when put in place, adjust the opposite corners of the frame slightly (up on one corner & down on the other) until the wobble is eliminated.

### COVER STOPS

If the cover was decreased in size by cutting or sent as a partial cover a set of cover stops must be secured to the lower frame to prevent the cover from moving or falling into the pit.

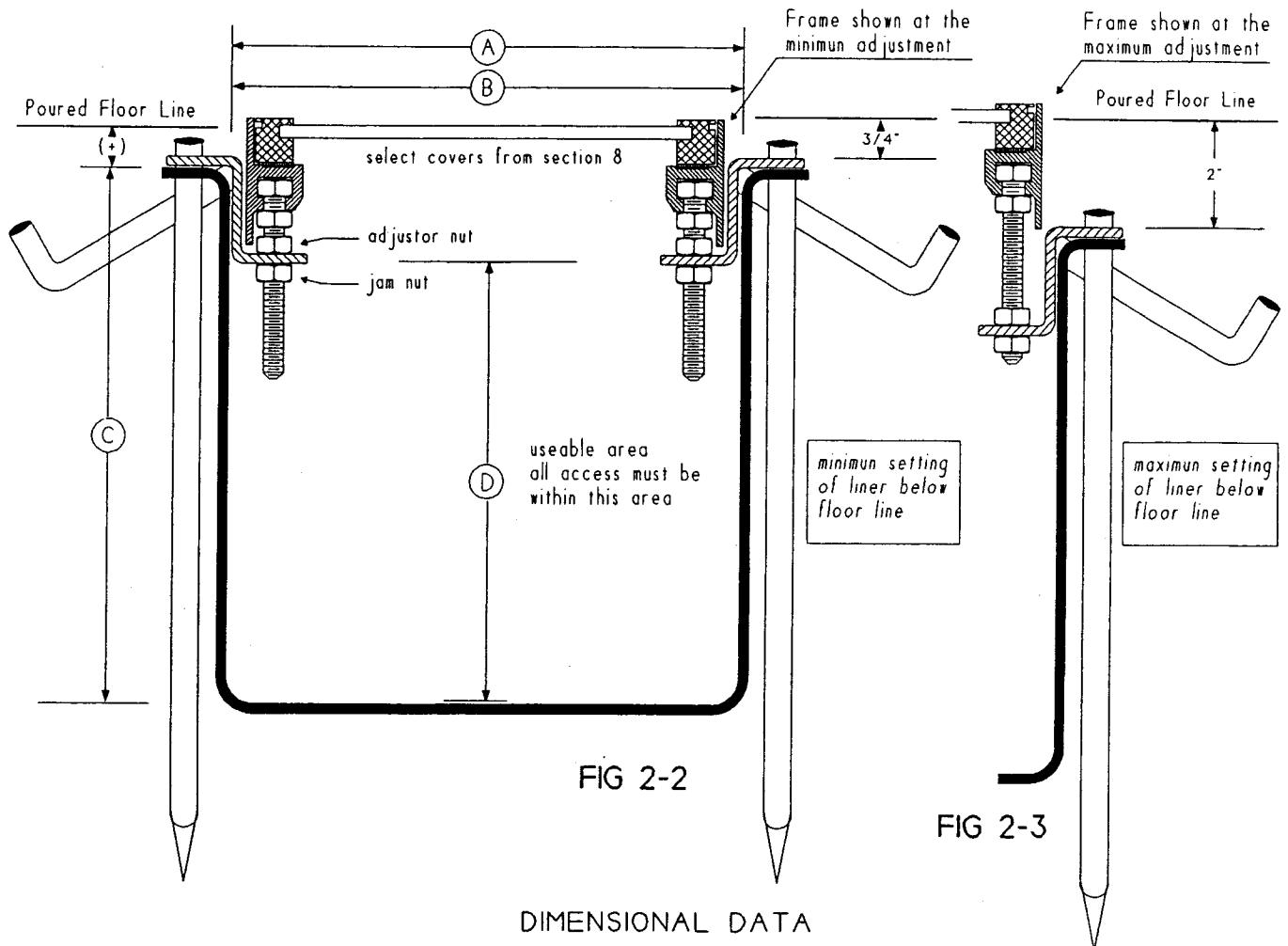
### CROSS SUPPORT MEMBER

If the pit has a cross support member used for a twopiece, twopart, or partial cover. the cross member can to be temporary removed.

Remove the 7/16" bolt on the underside of each end and member will drop out.

# Construction Detail

Model  
A D L



# Construction Detail

Model  
A D F

