***** IP8300-PLUS *****

LANDING CONTROL SYSTEM

3" TAPE

INSTALLATION GUIDE

INSTALLATION PROCEDURE

FOR THE IP8300-PLUS LANDING CONTROL SYSTEM

1. Mount Top Tape Bracket and fasten steel tape. (Figure 1, Top Tape Bracket)

2. With tape secured at the top bracket, move the elevator down while unrolling the tape.

3. Mount Bottom Tape Bracket and fasten steel tape. (Figure 2, Bottom Tape Bracket)

4. Mount IP8300-PLUS unit on top of elevator. (Figure 3, Unit On Top Of Elevator)

5. Set elevator level at the floor and install the Leveling Target. (Figures 4, 5 & 6, Guide To Leveling Target)

6. Continue to install all the Leveling Targets.

7.* Down Slowdown Target. In the down slowdown row, measure from the Leveling Target, up to the slowdown distance required for your job. (Figure 5, Row Guide)

8.* Up Slowdown Target. In the up slowdown row, measure from the Leveling Target, down to the slowdown distance required for your job. (Figure 5, Row Guide)

* ..... Place slowdown targets according to manufacturer's recommendations for your job (approximately 6" per 50 foot of car speed). If replacing existing leveling and slowdown equipment, then match the existing slowdowns so no reset_up of the controller will be necessary.

TOP TAPE BRACKET

Select an area adjacent to the main rails to install the IP8300-PLUS equipment.

The Top Tape Bracket should be installed as high as possible in the shaftway. In the event that the elevator goes into the overhead, there should be adequate runby clearance between the Top Tape Bracket and the IP8300 unit.

With the bracket secured, feed the tape thru the clamp (figure 1). Tighten clamp.

Unroll the tape as you move the elevator to its lowest landing.

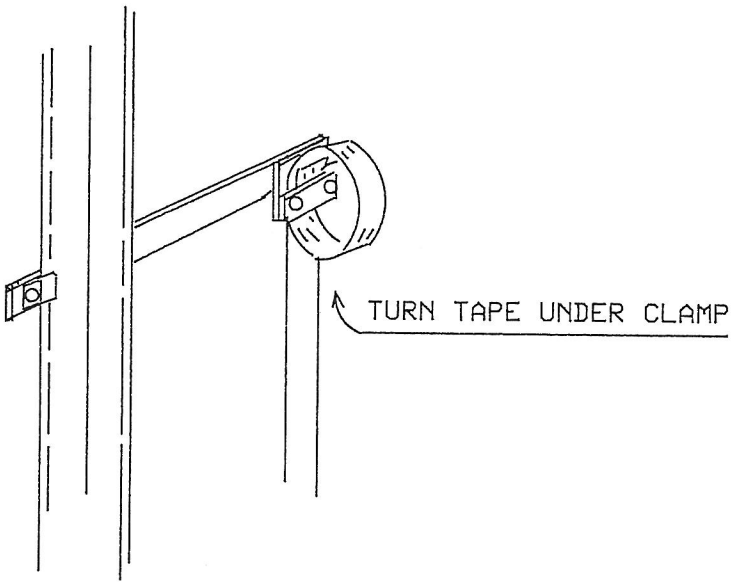

Figure 1. Top Tape Bracket

BOTTOM TAPE BRACKET

Install the Bottom Tape Bracket while taking care to maintain the tape parallel to the rail. The bracket can be installed at a convenient height in the pit, bearing in mind, when the elevator is on the buffer that the Bottom Tape Bracket and IP8300-PLUS unit have adequate runby clearance.

With the bracket secured, loop tape thur clamp (see figure 2) and tighten clamp. Then put tension on tape by taping down on the rail bracket.

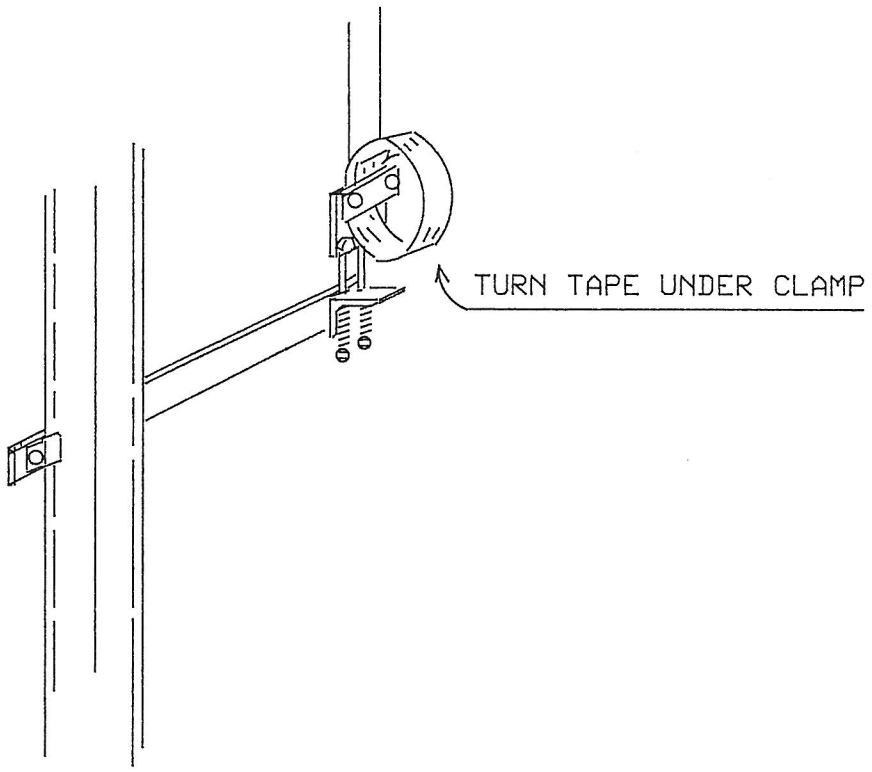

Figure 2. Bottom Tape Bracket

The power for the IP8300-PLUS unit is 120vac, 1/2amp, 60hz. The terminals are marked "120VAC".

Install an outrigger from the crosshead to support the Sensor Head and Tape Guide assembly (see figure 3). Mount the unit, being careful to align it parallel to the tape, sideways as well as front to back.

The Sensor Head must be placed so that the Cable Harness is connected to the bottom of the Sensor Head. The Tape Guide assembly can be turned to suit the job installation.

Consult wiring diagram for you job.

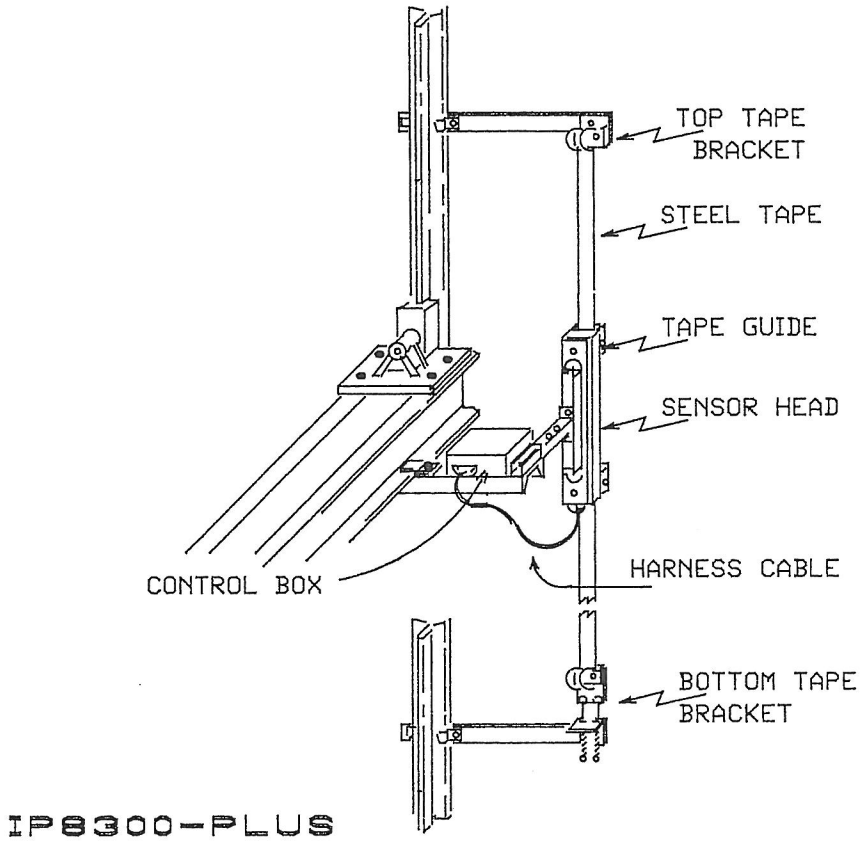

Figure 3. Complete Unit With Top And Bottom Brackets

GUIDE TO LOCATE LEVELING TARGET

1. With elevator level at floor, place Row Guide across top of leveling unit as shown in figure 4, Dwg 1a.

2. Move the elevator down and place the Level Guide below the Row Guide, figure 4, Dwg 1b.

3. Use the Row Guide to locate the leveling row for your job. See figure 4, Dwg 1c and figure 5.

4. Peel the white backing from the leveling target. Position the adhesive side of this target to the steel tape, in the leveling row. Figure 4, Dwg 1d.

5. Remove Row Guide and Level Guide.

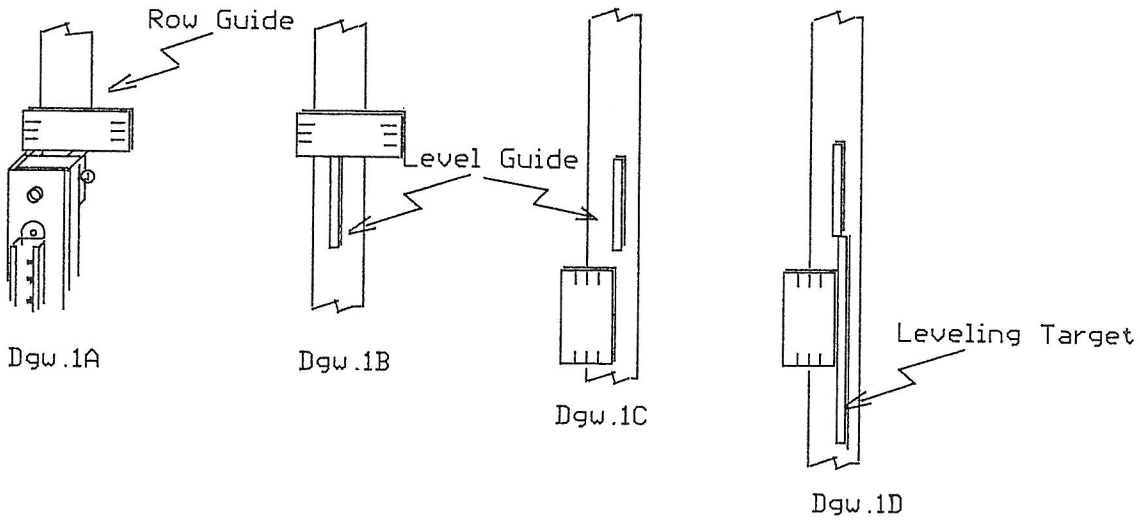

Figure 4. Leveling Target

ROW GUIDE

Align Row Guide on steel tape according to the row desired (see figure 5). Remove protective backing from target and place target adjacent to the Row Guide.

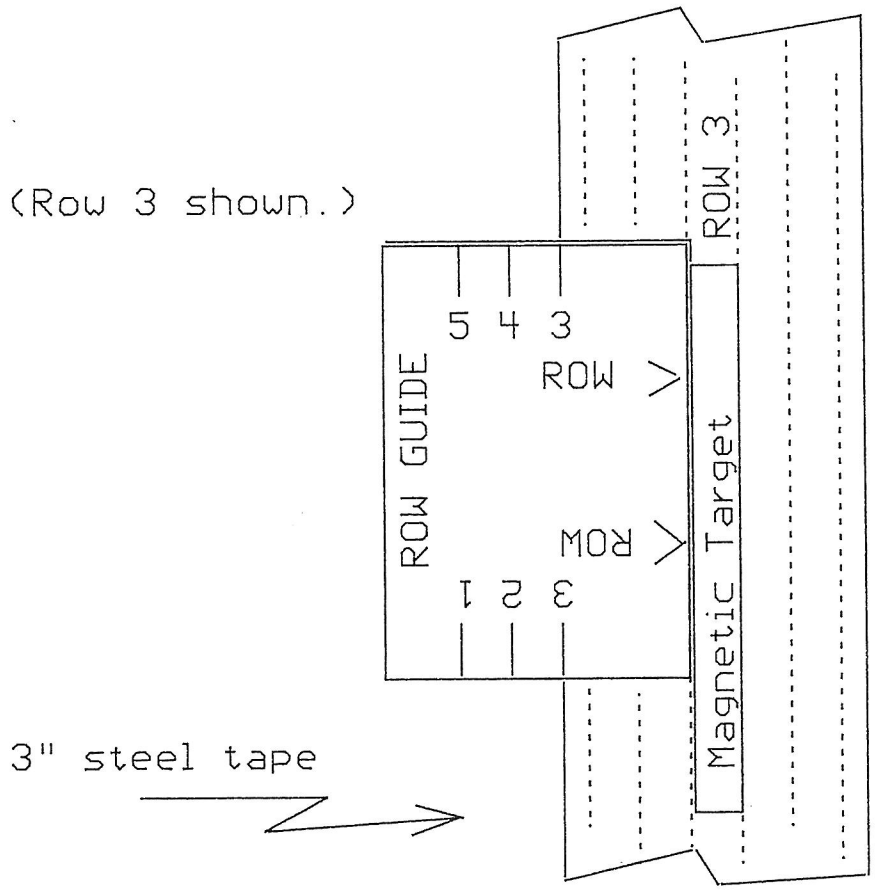

Figure 5. Row Guide for 3" Tape

3 INCH TAPE DESCRIPTION

The 3" tape is divided into (5) five 1/2" rows. The first row starts at 1/4" from the left side of the tape, the second row starts at 3/4" and the third row at 1 1/4", etc. See figure 6.

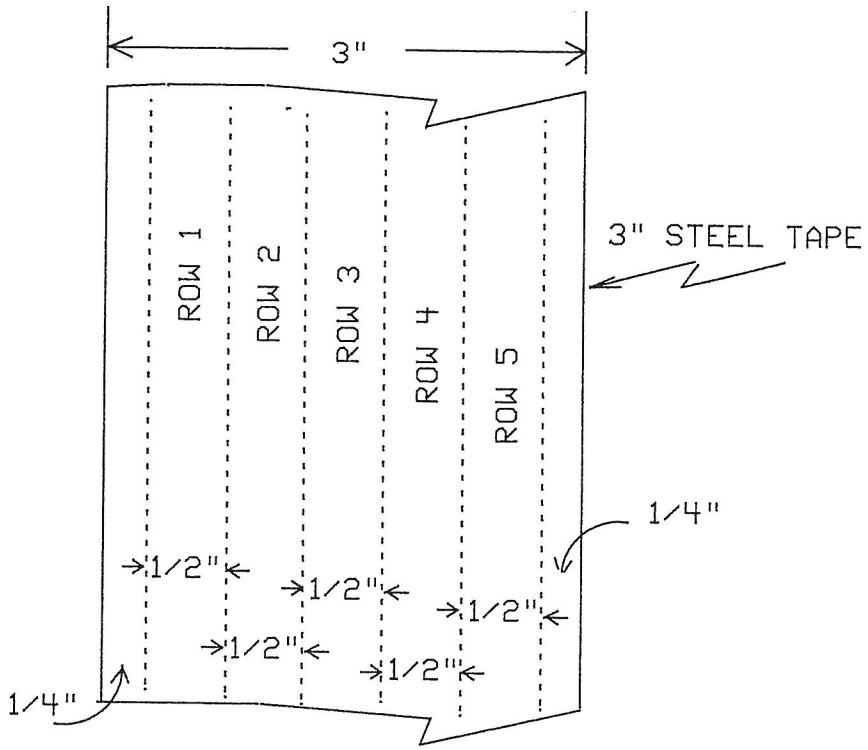

Figure 6. 3" Tape Dimensions