



DESIGNING A TURNSTILE SYSTEM

- 1) DETERMINE THE NUMBER OF WALKWAYS REQUIRED BASED ON THE DESIRED PEDESTRIAN THROUGHPUT AND SPACE AVAILABILITY.
- 2) A CONSERVATIVE ESTIMATE OF PEDESTRIAN THROUGHPUT IS 30 PEOPLE/MIN, 1800/HR, PER LANE. THIS FIGURE ASSUMES THE USE OF A FAST RESPONSE (1/4SEC.) CARD READER SYSTEM.
- 3) TURNSTILES SHOULD BE SPACED 30" - 37" APART. WIDER SPACING RESULTS IN PEDESTRIANS ATTEMPTING TO PASS THROUGH THE LANE TWO-ABREAST, RESULTING IN A HIGH INCIDENT OF ALARMS.

| | | | |
|--|----------|--------------------------------------|-------------|
| www.TURNSTILES.us | | | |
| 8641 South Warhawk Road Conifer, CO 80433 (303) 670-1099 x11 Patrick.McAllister@Turnstiles.us | | | |
| CONTRACTOR / PROJECT | | DRAWING NO. | |
| MID-SIZED OPTICAL TURNSTILE | | MID-SIZE -05 | |
| MATERIAL: STAINLESS STEEL | | TOLERANCE UNLESS OTHERWISE SPECIFIED | |
| FINISH: BRUSHED | | FRACTION | DECIMAL |
| | | 1/32 | .015 |
| | | ANGLE | |
| | | 1/2 DEG | |
| FILE NO. | SCALE | 1 | SIZE |
| CATALOG/MID-SIZE/MID-SIZE 05 | NTS | 1 | A |
| TITLE | DATE | DWG. BY: | CHECKED BY: |
| CARD-IN / CARD-OUT | 07/02/99 | LJE | |