

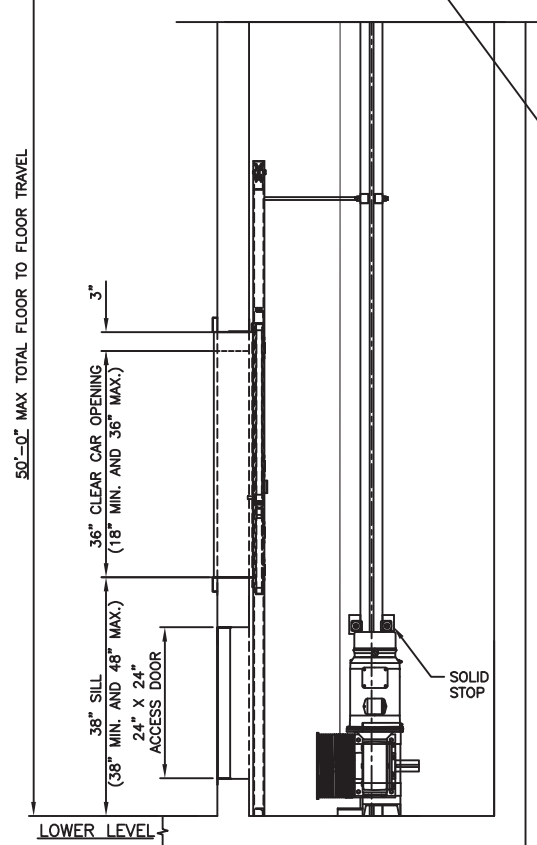
**IF WALLS CANNOT SUPPORT MAXIMUM LATERAL REACTIONS OF RAIL BRACKETS A SELF SUPPORTING TOWER CAN BE PROVIDED INSIDE THE HOISTWAY THAT ONLY REQUIRES SUPPORT AT THE FLOOR, INTERMEDIATE FLOOR SLABS, AND AT THE TOP OF RAIL**

MATOT EQUIPMENT IS MANUFACTURED TO THE LATEST EDITION OF ANSI A17.1/CSA B44 CODE. IT IS THE RESPONSIBILITY OF THE PURCHASER TO CONFIRM COMPLIANCE WITH ANY LOCAL STATE OR CITY CODES.

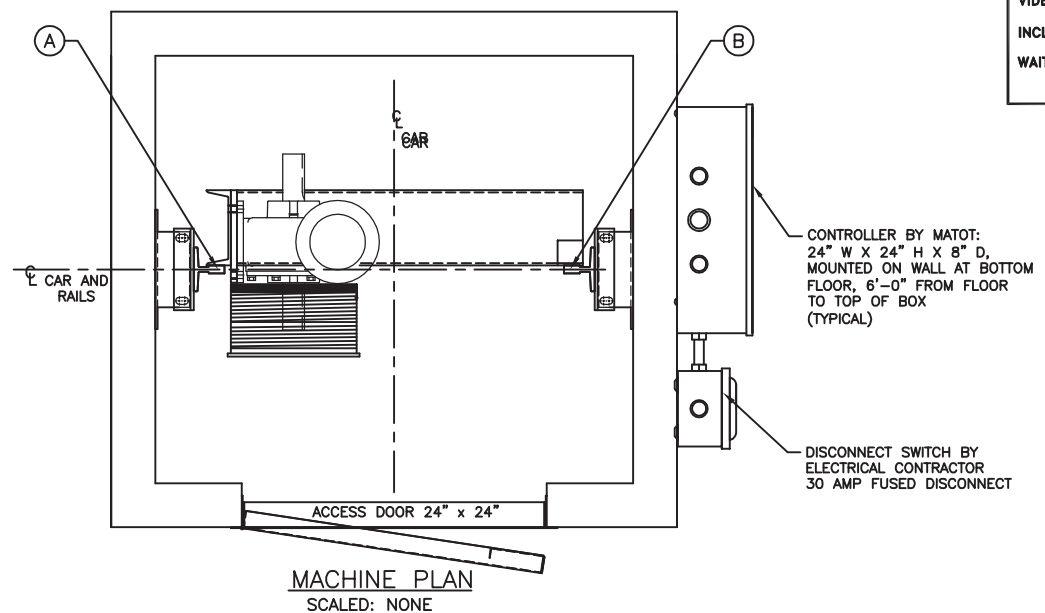
**TYPICAL**  
THESE DRAWINGS ARE TYPICAL AND REPRESENT STANDARD EQUIPMENT AND APPLICATIONS IF YOU HAVE A NEED BEYOND THE SCOPE OF THESE TYPICAL DRAWINGS MATOT CAN PROVIDE A SOLUTION. PLEASE CALL MATOT AT (800) 369-1070

**\*\*CAR MAXIMUM PLATFORM AREA (WIDTH X DEPTH) CANNOT EXCEED 1,548 IN. SQ. BY ANSI 17.1 CODE**

**MINIMUM WALL THICKNESS REQUIRED FOR U.L. LABEL DOOR IS 3 1/2\"/>**

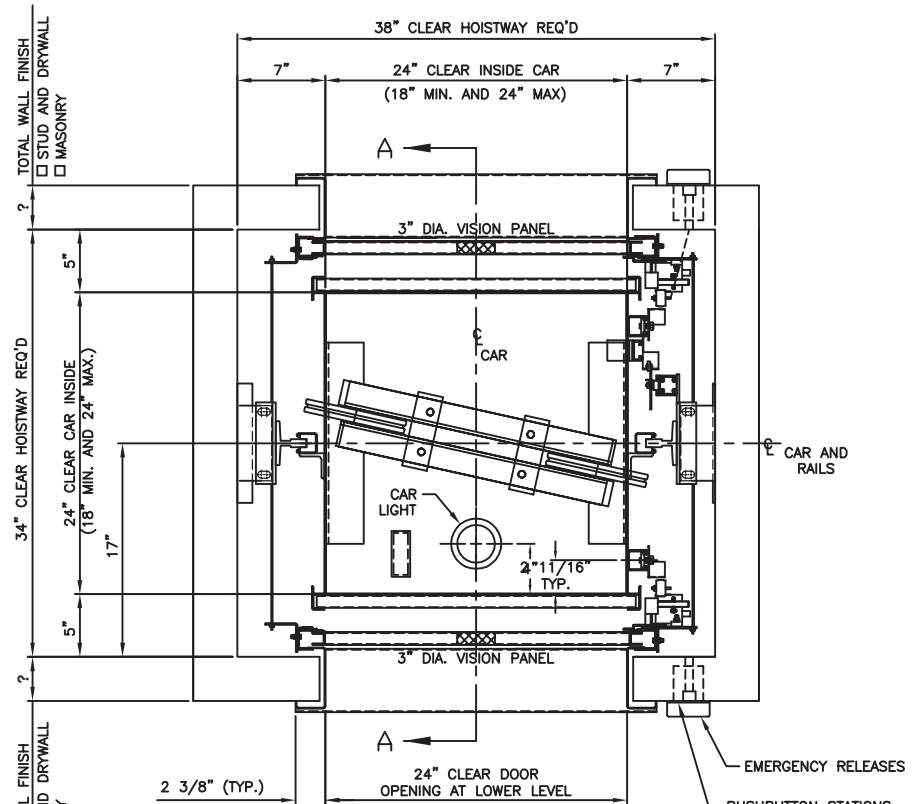


**VIEW A-A, ELEVATION**  
SCALED: NONE



**MACHINE PLAN**  
SCALED: NONE

**HOISTWAY DIMENSIONS WILL CHANGE PROPORTIONALLY TO CAR SIZE CHANGES**



**COMPOSITE FLOOR PLAN**  
SCALED: NONE

**IMPORTANT:**  
BEFORE APPROVING THIS LAYOUT NOTE THAT THE FOLLOWING MUST BE PROVIDED BUT ARE NOT INCLUDED IN DUMBWAITER CONTRACT:

- GENERAL NOTES**
- Power feed with line disconnect switch must be brought to immediate vicinity of our controller.
  - Hoistway free of all pipes and obstructions.
  - All bracket fastening inserts and steel required for support of guide rail and brackets, to be furnished by others.

| WEIGHT OF MACHINE (EST.) | 195 LBS.   |
|--------------------------|--|
| WEIGHT OF CAR (EST.)     | 560 LBS. (GROSS)   |
| REACTIONS                |  |
| A                        | 1090 LBS. ESTIMATE (STATIC, AT PIT FLOOR)  |
| B                        | 830 LBS. ESTIMATE (STATIC, AT PIT FLOOR)   |
| C                        | 50 LBS. (LATERAL, MAX. AT WALL BRACKET)  |
| OPENINGS                 | LOCATED OPPOSITE SIDES OF HOISTWAY   |
| STOPS                    | 2 MINIMUM TO 5 MAXIMUM, MORE STOPS CAN BE PROVIDED HOWEVER SPECIAL ENGINEERING IS REQUIRED CALL MATOT (800) 369-1070 |

|  |  |
|--|--|
| MISC: PREWIRED CAR TOP & ATTACHED TRAVEL CABLE |  |
| SHELF  | <input checked="" type="checkbox"/> REMOVABLE 1-REQD.  |
| CAR MATL.                                      | <input checked="" type="checkbox"/> STAINLESS STEEL OR CARBON STEEL<br>FINISH: NO. 4 OR AIR DRIED GREY ENAMEL  |
| CABLE SIZE                                     | <input checked="" type="checkbox"/> 3/16 x 7 x 19 1-REQD.<br><input checked="" type="checkbox"/> BREAKING STRENGTH 4200 LBS. EACH CABLE  |
| CAR GATES 2-REQD.                              | <input checked="" type="checkbox"/> STAINLESS STEEL OR CARBON STEEL<br><input checked="" type="checkbox"/> BI-PARTING<br><input checked="" type="checkbox"/> MANUAL OR POWER (PLEASE SEE OVERHEAD REQUIREMENTS)<br>FINISH: NO. 4 OR AIR DRIED GREY ENAMEL  |
| DOORS REQD.                                    | <input checked="" type="checkbox"/> U/L B LABEL<br><input checked="" type="checkbox"/> STAINLESS STEEL OR CARBON STEEL<br><input checked="" type="checkbox"/> BI-PARTING<br><input checked="" type="checkbox"/> MANUAL OR POWER (PLEASE SEE OVERHEAD REQUIREMENTS)<br>FINISH: NO. 4 OR AIR DRIED GREY ENAMEL |
| SILLS  | <input checked="" type="checkbox"/> COUNTER HEIGHT, STAINLESS STEEL OR CARBON STEEL  |
| ACCESS & CLEAN-OUT DOOR                        | <input checked="" type="checkbox"/> STAINLESS STEEL OR CARBON STEEL<br><input checked="" type="checkbox"/> U/L B LABEL<br>FINISH: NO. 4 OR AIR DRIED GREY ENAMEL   |
| HOISTWAY EQUIP.                                | <input checked="" type="checkbox"/> 8# TEE RAIL  |
| CAR SAFETY:                                    | BROKEN CABLE DEVICE  |
| CWT. SAFETY:                                   | NONE   |
| BUFFERS:                                       | NONE   |
| MACHINE DESIGN                                 | <input checked="" type="checkbox"/> DRUM BELOW<br><input checked="" type="checkbox"/> DRUM<br><input checked="" type="checkbox"/> REDUCER - 935MDT, 182TC FACE, 50:1 RATIO   |

|            |  |         |                    |
|------------|--|---------|--------------------|
| H.P.3      | VOLTS 208-230 OR 460-480 PH. 3   | CYL. 60 | AMPS.              |
| OPERATION: | SINGLE AUTOMATIC CALL AND SEND   |         | STARTING: RUNNING: |
| CONTROL    | <input checked="" type="checkbox"/> SINGLE SPEED<br><input checked="" type="checkbox"/> IN USE LIGHT                 |         |                    |
| SIGNALS    | <input checked="" type="checkbox"/> CAR HERE LIGHT AND CHIME<br><input checked="" type="checkbox"/> DOOR OPEN BUZZER |         |                    |

|                     |          |            |         |
|---------------------|----------|------------|---------|
| CAPACITY:           | 200 LBS. | F.P.M.50   | TRAVEL: |
| TYPE DUMBWAITER:    | ELEC.    | MODEL #100 |         |
| PROJECT:            |          |            |         |
| ARCHITECT:          |          |            |         |
| GENERAL CONTRACTOR: |          |            |         |
| CONTRACT WITH:      |          |            |         |
| REVISIONS           | DATE     |            | DATE    |
|                     |          |            |         |

**MATOT, INC.**

SPECIALIZING IN DUMBWAITERS, BOOKLIFTS, RECORD CARRIERS, D. W. DOORS SINCE 1888

2501 VAN BUREN, BELLWOOD, ILLINOIS 60104

PHONE: AREA CODE (708) 547-1888

|               |              |             |                                     |
|---------------|--------------|-------------|-------------------------------------|
| PRELIM. PRINT | FINAL        | DRAWN BY    | CHECKED                             |
| JOB No.       | SHEET 1 OF 1 | DRAWING No. | OPPOSITE COUNTER BP 24W X 24D X 36H |