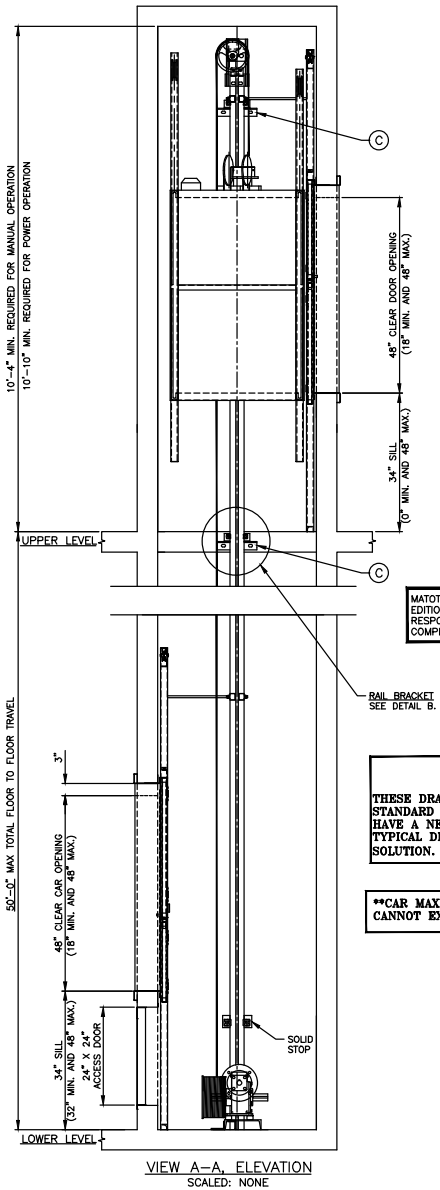
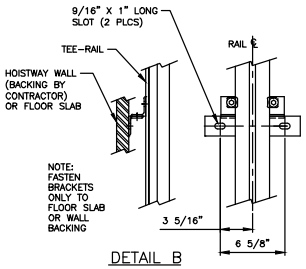
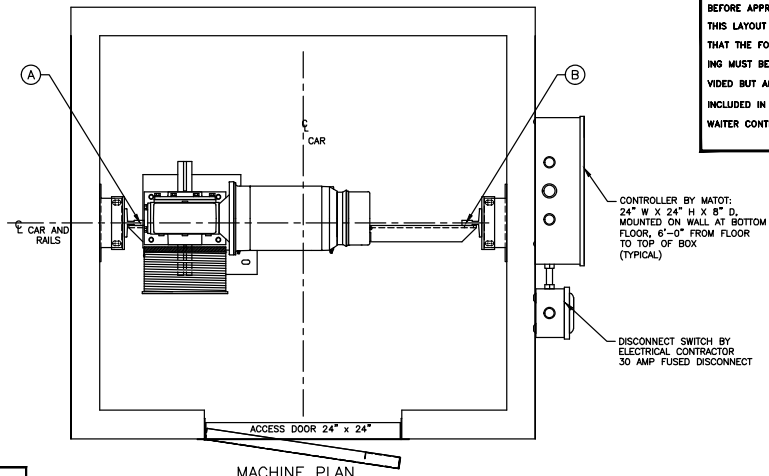


VIEW A–A, ELEVATION
SCALED: NONE



DETAIL B
RAIL BRACKET ASSEMBLY
MAX VERTICAL SPACING IS 12'–0"

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



MACHINE PLAN
SCALED: NONE

HOISTWAY DIMENSIONS WILL CHANGE PROPORTIONALLY TO CAR SIZE CHANGES

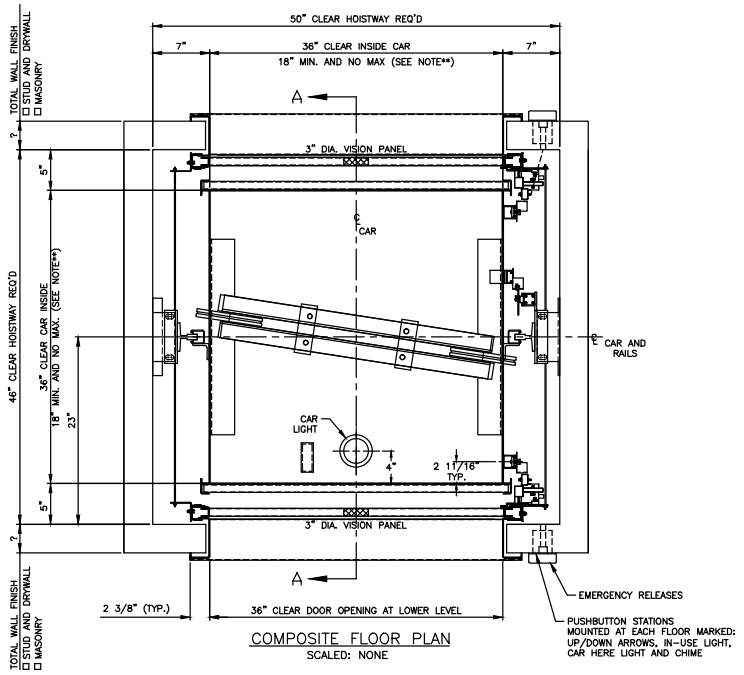
MATOT EQUIPMENT IS MANUFACTURED TO THE LATEST EDITION OF ANSI A17.1/CSA B44 CODE. IT IS THE RESPONSIBILITY OF THE PURCHASER TO CONFIRM COMPLIANCE WITH ANY LOCAL STATE OR CITY CODES.

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" MAXIMUM WALL THICKNESS IS 13 1/2"



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

a. Power feed with line disconnect switch must be brought to immediate vicinity of our controller.
b. Hoistway free of all pipes and obstructions.
c. 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.) 1090 LBS. (GROSS)

REACTIONS

A 1710 LBS. ESTIMATE (STATIC, AT PIT FLOOR)
B 1170 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	X	**REMOVABLE 1–REQD.**
CAR MATL.	X	**STAINLESS STEEL OR CARBON STEEL**
		FINISH: NO. 4 OR AIR DRIED GREY ENAMEL
CABLE SIZE	X	**3/16 x 7 x 19 1–REQD.**
	X	**BREAKING STRENGTH** 4200 LBS. EACH CABLE
CAR GATES 2–REQD.	X	**STAINLESS STEEL OR CARBON STEEL**
	X	**BI–PARTING**
	X	**MANUAL OR POWER (PLEASE SEE OVERHEAD REQUIREMENTS)**
		FINISH: NO. 4 OR AIR DRIED GREY ENAMEL
DOORS ––REQD.	X	**U/L B LABEL**
	X	**STAINLESS STEEL OR CARBON STEEL**
	X	**BI–PARTING**
	X	**MANUAL OR POWER (PLEASE SEE OVERHEAD REQUIREMENTS)**
		FINISH: NO. 4 OR AIR DRIED GREY ENAMEL
SILLS	X	**COUNTER HEIGHT, STAINLESS STEEL OR CARBON STEEL**
ACCESS & CLEAN–OUT DOOR	X	**STAINLESS STEEL OR CARBON STEEL**
	X	**U/L B LABEL**
		FINISH: NO. 4 OR AIR DRIED GREY ENAMEL
HOISTWAY EQUIP.	X	**8# TEE RAIL**

CAR SAFETY: BROKEN CABLE DEVICE
CWT. SAFETY: NONE
BUFFERS: NONE

MACHINE DESIGN	X	**DRUM BELOW**
	X	**DRUM**
	X	**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	X	**SINGLE SPEED**
SIGNALS	X	**IN USE LIGHT**
	X	**CAR HERE LIGHT AND CHIME**
	X	**DOOR OPEN BUZZER**

CAPACITY: 500 LBS. F.P.M. 50 **TRAVEL:**
TYPE DUMBWAITER: ELEC. **MODEL #100**
PROJECT:
ARCHITECT:
GENERAL CONTRACTOR:
CONTRACT WITH:

REVISIONS	DATE		DATE

MATOT, INC.
SPECIALIZING IN SINCE 1888
DUMBWAITERS, BOOKLIFTS, RECORD CARRIERS, D. W. DOORS
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 36W X 36D X 48H	