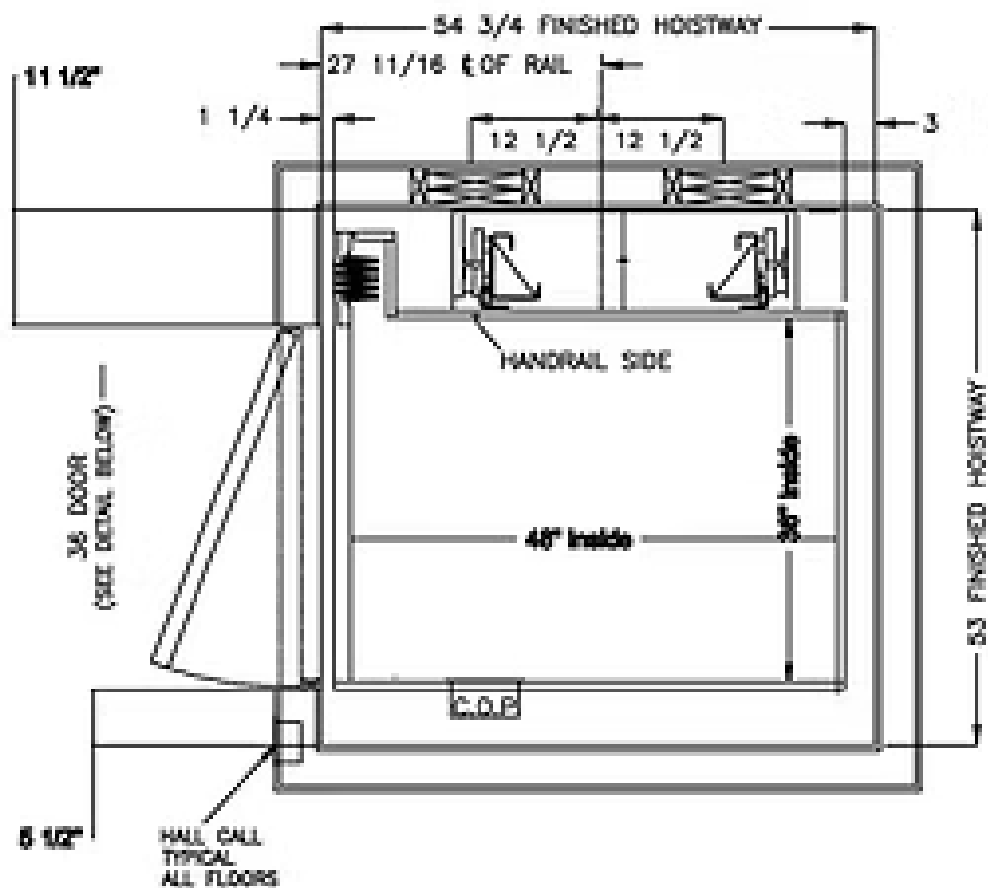
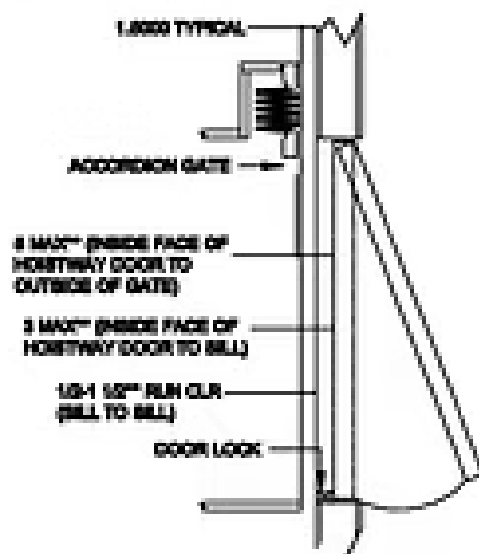




TYPICAL DOOR LOCATION DETAIL
 ** HORIZONTAL RUNNING CLEARANCES AS
 REQUIRED BY ASME A17.1, Rule 5.3.1.7.2



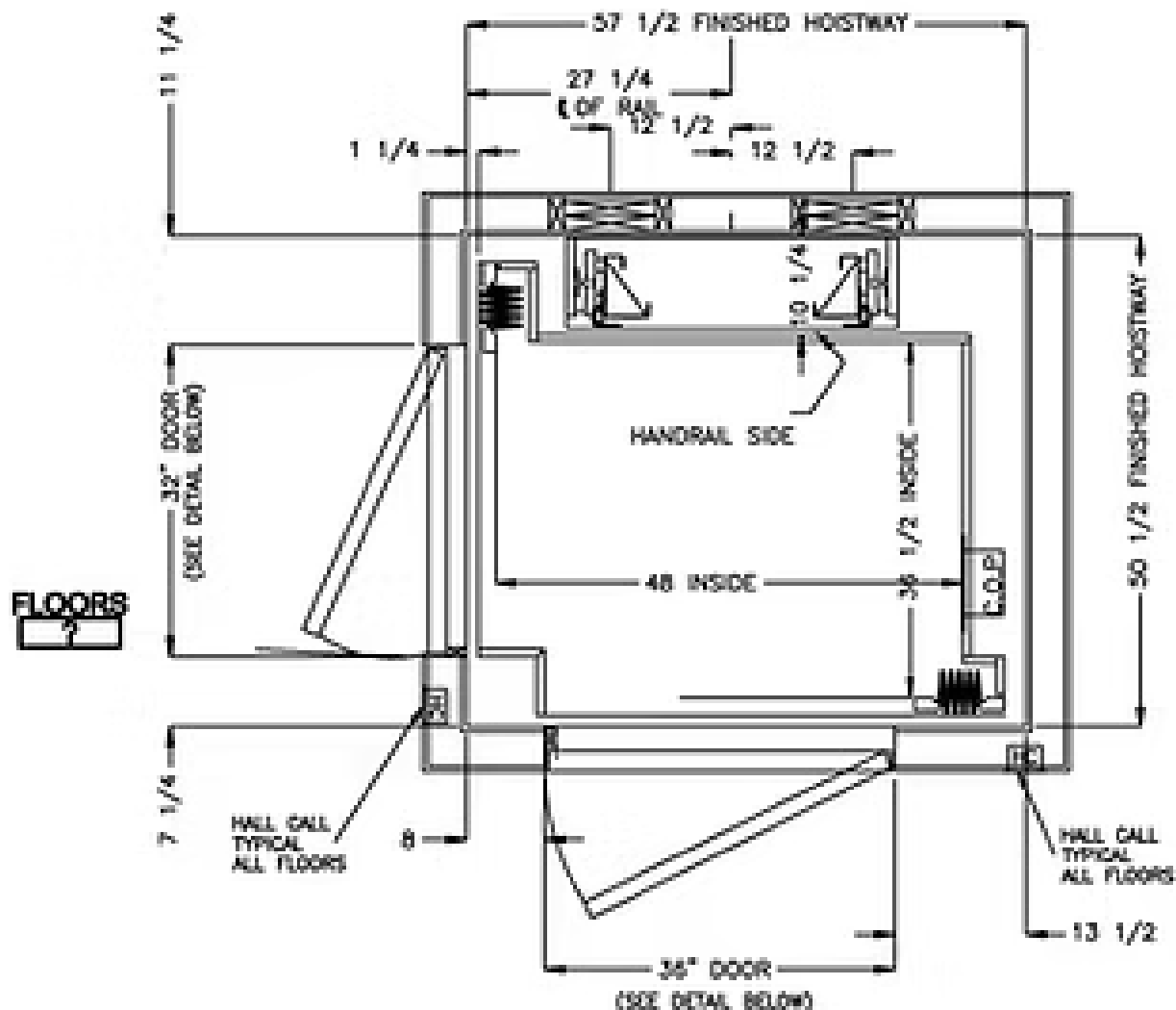
Home Elevators and Lift Products LLC
 943-213-2031 10420, NC 27044

1-2 need hydro

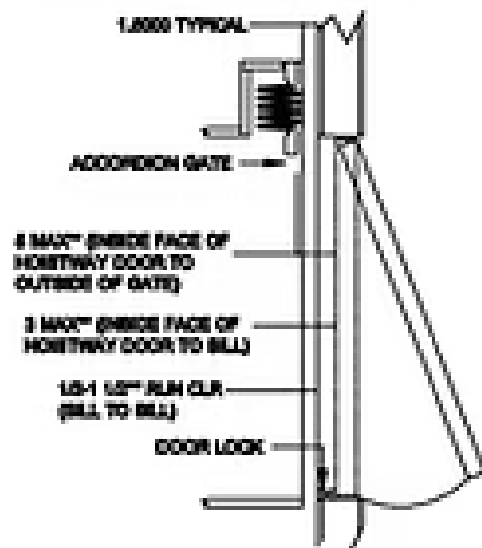
WALL	SPR	DOOR STOPPING NUMBER
NONE		

DOORS

JOB



TYPICAL DOOR LOCATION DETAIL
 ** HORIZONTAL RUNNING CLEARANCES AS
 REQUIRED BY ASME A17.1, Rule 5.3.1.7.2



Home Elevators and Lift Products LLC
 940.203.0700 Fax: 940.203.0701

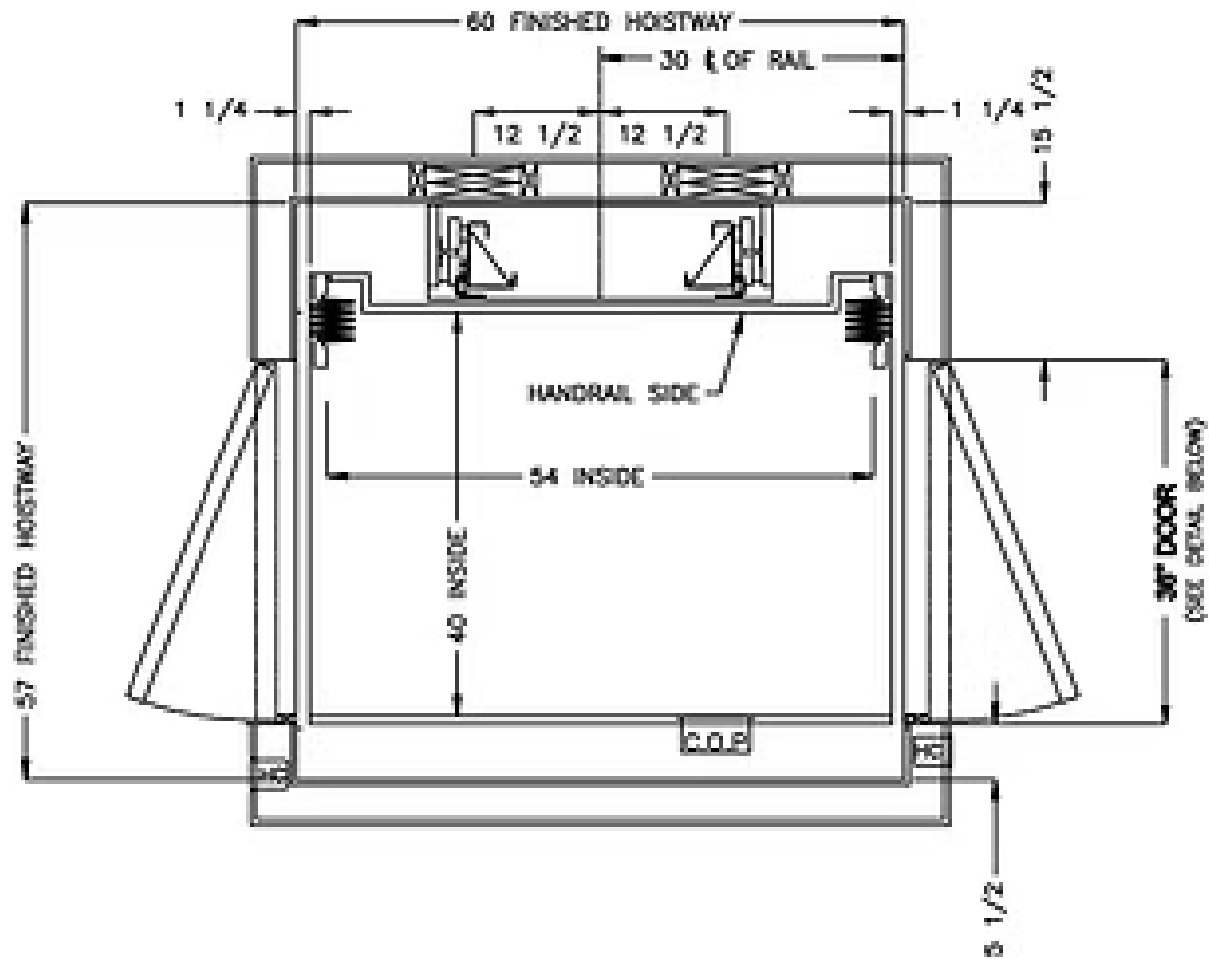
1/2 speed hydro

WALL: NONE GATE: NONE

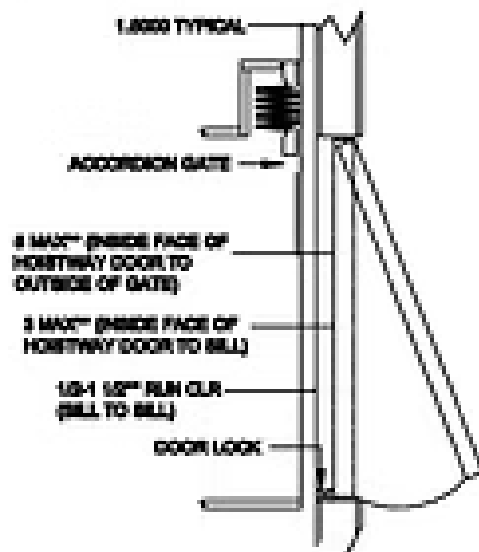
DOOR OPENING NUMBER: 1

DOOR: NONE

JOB: 1000



TYPICAL DOOR LOCATION DETAIL
 ** HORIZONTAL RUNNING CLEARANCES AS
 REQUIRED BY ASME A17.1, Rule 5.3.1.7.2



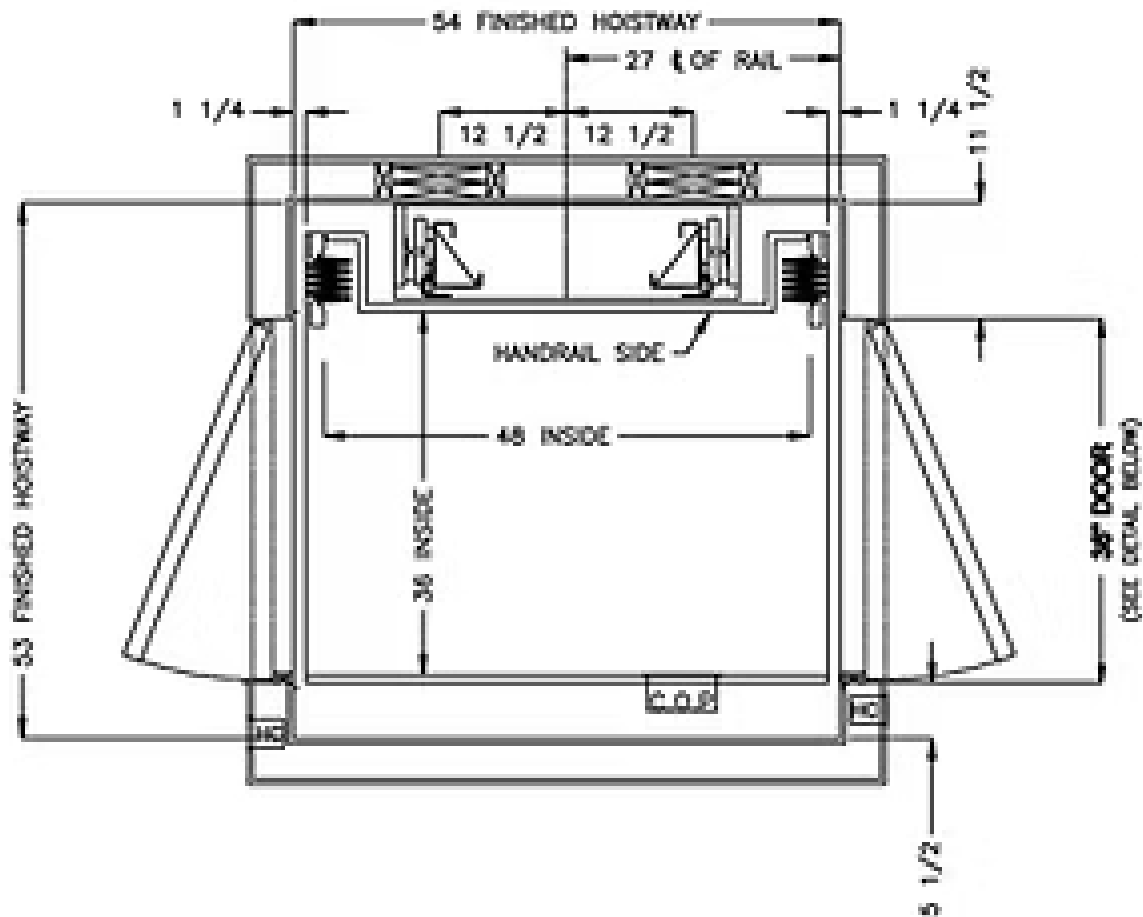
Blaze Elevators and Lift Products LLC
 943-313-2333 14420 MC DRIVEN

1-2 need hydro

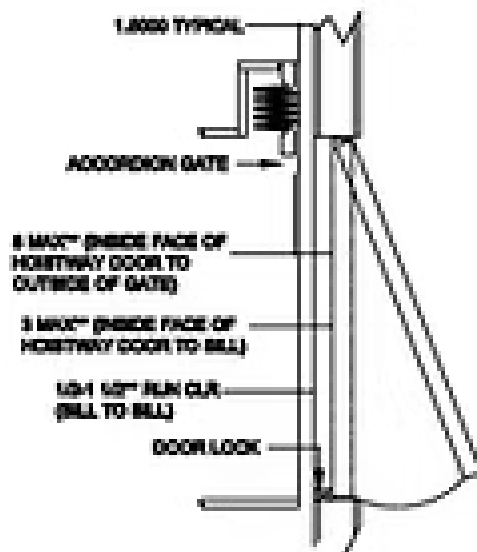
WALL	TYPE	DOOR BEARING NUMBER
NONE		

DOORS

JOB



TYPICAL DOOR LOCATION DETAIL
 ** HORIZONTAL RUNNING CLEARANCES AS
 REQUIRED BY ASME A17.1, Rule 5.3.1.7.2



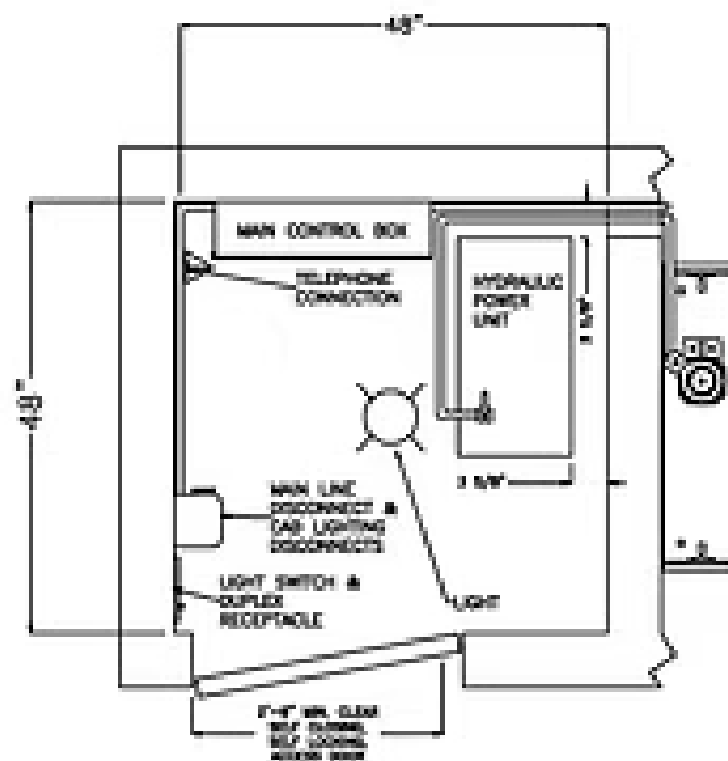
Home Elevators and Lift Products LLC
 1610022502 Long, IN 2008

1/2" raised hnds

WALL	GATE	DOOR	STANDARD NUMBER
NONE			
DOOR			

JOB

MACHINE ROOM LAYOUT AND REQUIREMENTS



STANDARD MACHINE ROOM LAYOUT

MACHINE SPACE MUST MEET ALL LOCAL, STATE, AND NATIONAL CODES INCLUDING ALL NEC REQUIREMENTS

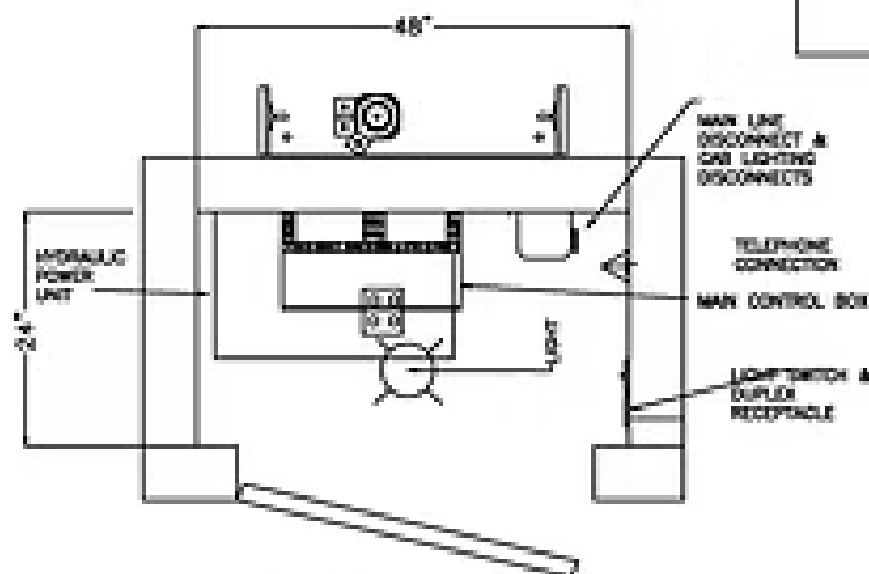
MAIN CONTROL PANEL
20"W x 23.5"H x 6.5"D

HYDRAULIC PUMP UNIT
24"W x 36"H x 16"D

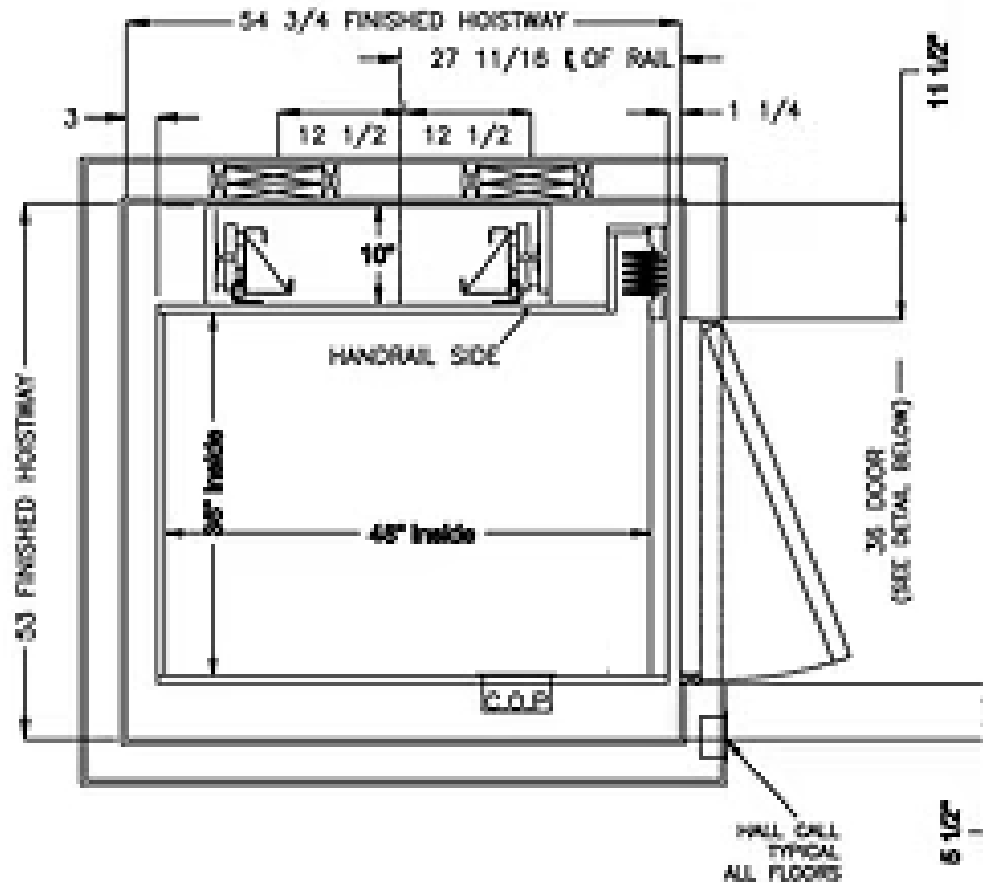
CLEARANCE IN FRONT OF CONTROL PANEL AND DISCONNECTS PER NEC
30"W x 36"D

ELECTRICAL REQUIREMENTS

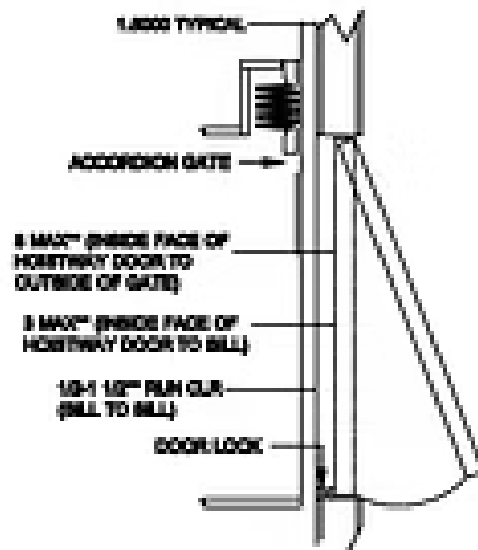
220V 30A DEDICATED LINE
110V 15A DEDICATED LINE
3 POLE MAIN LINE DISCONNECT
CAR LIGHTING DISCONNECT
TELEPHONE CONNECTION
SELF CLOSING SELF LOCKING ACCESS DOOR.



COMPACT MACHINE ROOM LAYOUT



TYPICAL DOOR LOCATION DETAIL
 ** HORIZONTAL RUNNING CLEARANCES AS
 REQUIRED BY ASME A17.1, Rule 3-3.1.7.2



Blower Elevators and Lift Products, LLC
 943-503-2553 FAX 943-27049

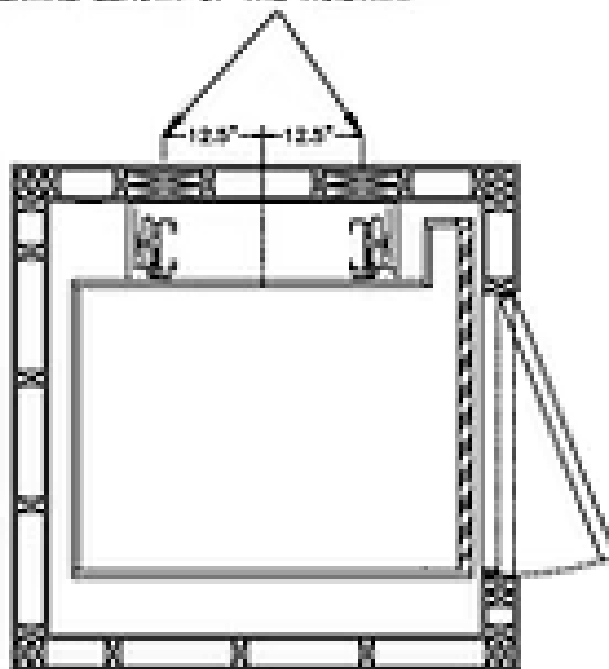
1/2\"/>

SCALE	DATE	DRAWN BY	CHECKED BY
1/2\"/>			

JOB:

TYPICAL HOISTWAY CONSTRUCTION

(3) 2x10'S FASTENED BETWEEN (3) 2x4'S
BEHIND DRYWALL AND RUN VERTICALLY
THE ENTIRE LENGTH OF THE HOISTWAY

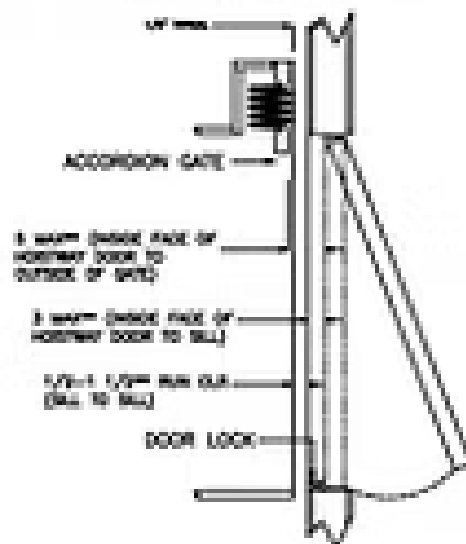


THE ELEVATOR HOISTWAY SHALL BE
CONSTRUCTED IN ACCORDANCE WITH ANSI
A17.1 AND ALL LOCAL CODES. NO ITEMS
NOT DIRECTLY INVOLVED WITH THE
FUNCTION OF THE ELEVATOR ARE
ALLOWED IN HOISTWAY.

HOISTWAY FRAMEWORK MUST BE PLUMB
AND SQUARE WITHIN 1/2" OVER THE
ENTIRE RISE. HOISTWAY DOORS TO BE
INSTALLED PLUMB ONE ABOVE THE
OTHER IN ACCORDANCE WITH A17.1 RULE
5.3.7.1.2 ALL WALLS AND SIDE MEMBERS
MUST EXTEND FROM SILL TO BEAM.

ADEQUATE RAIL BRACKET SUPPORT MUST
BE PROVIDED AS INDICATED FOLLOWING
PAGE DRAWINGS FASTENINGS NOT TO
EXCEED VERTICAL INTERVALS SHOWN.

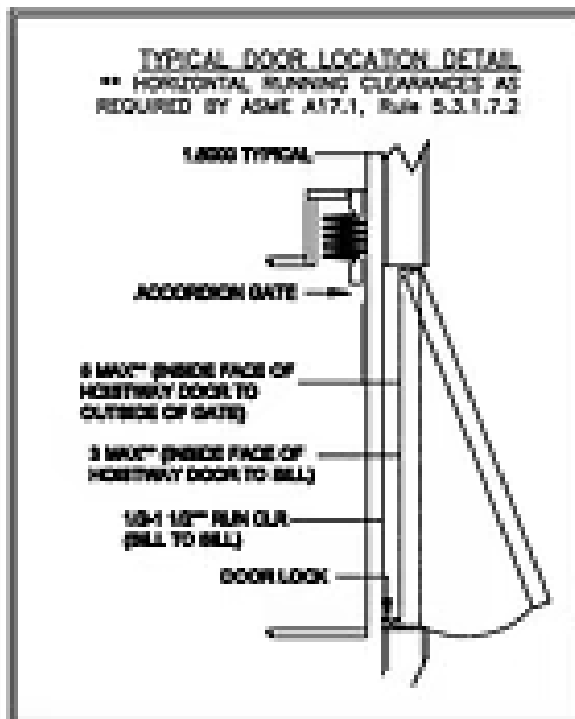
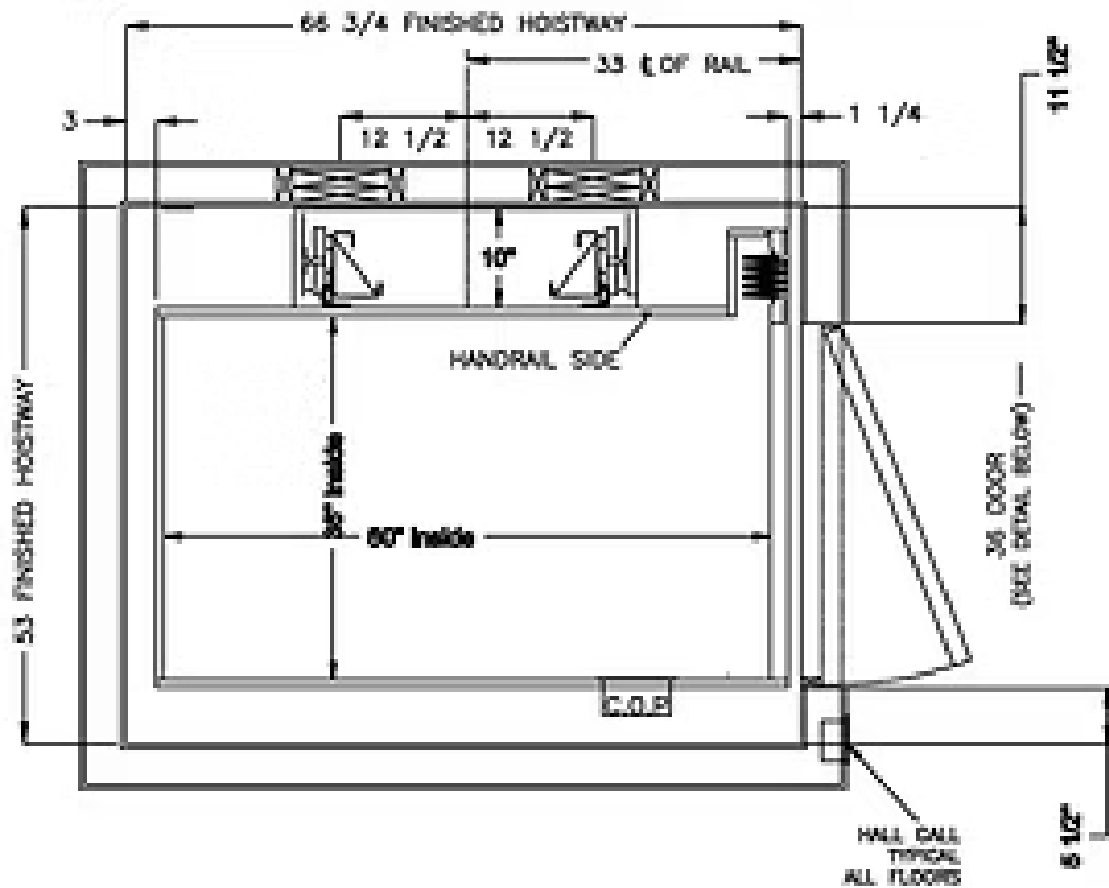
TYPICAL DOOR LOCATION DETAIL
** HORIZONTAL RUNNING CLEARANCES AS
REQUIRED BY ASME A17.1, Rule 5.3.1.7.2



3" X 5"
RULE

ASME A17.1, Rule 5.3.1.7.2 CLEARANCE BETWEEN HOISTWAY DOORS OR GATES AND LANDING SILLS AND CAR DOORS OR GATES

The Clearance hoistway doors or gates and the
hoistway edge of the landing sill shall not exceed
75mm (3 in). The distance between the hoistway
face of the landing door or gate and the car
door or gate shall not exceed 125mm (5 in.)



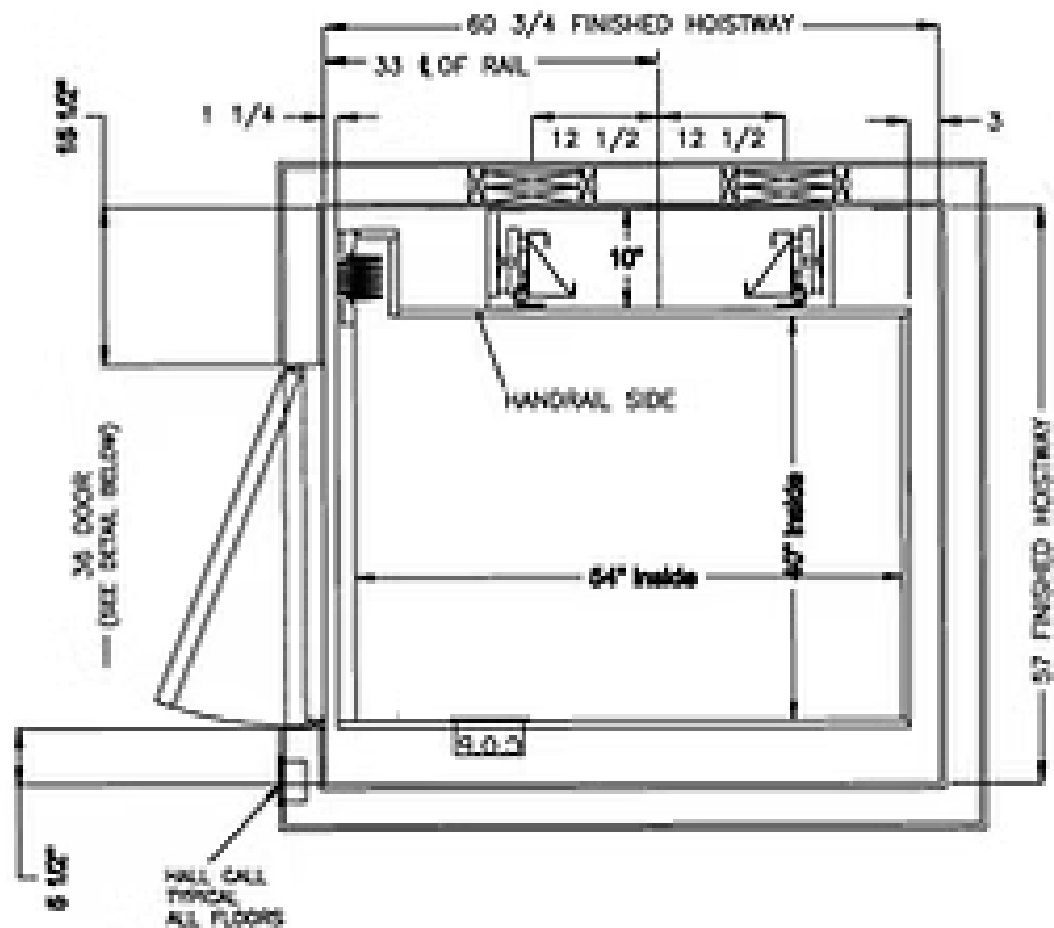
Blaze Elevators and Lift Products LLC
 442-215-2500 Email: BLZ@BLZ.COM

1/2" raised letter

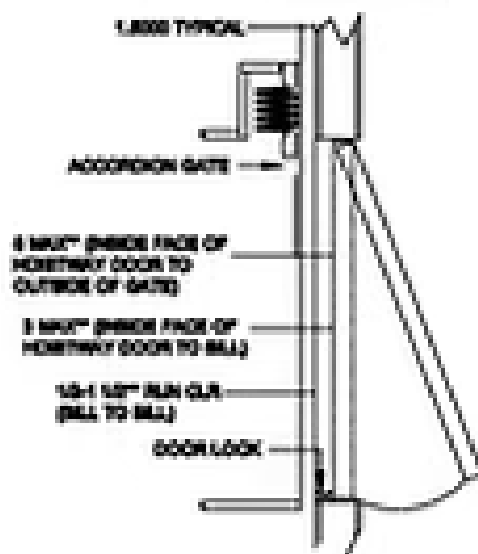
NAME DATE DRAWN BY/ISSUED NUMBER

SCALE

JOB



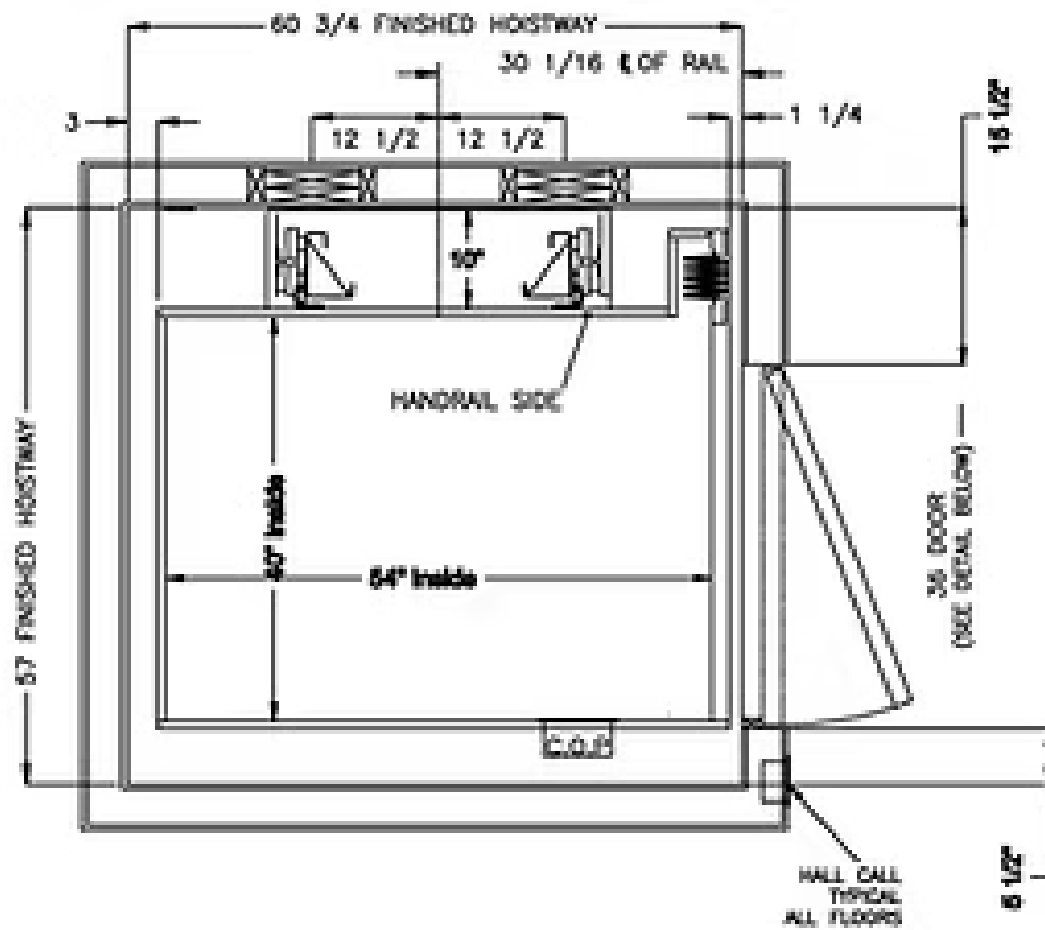
TYPICAL DOOR LOCATION DETAIL
 ** HORIZONTAL RUNNING CLEARANCES AS
 REQUIRED BY ASME A17.1, Rule 5.3.1.7.2



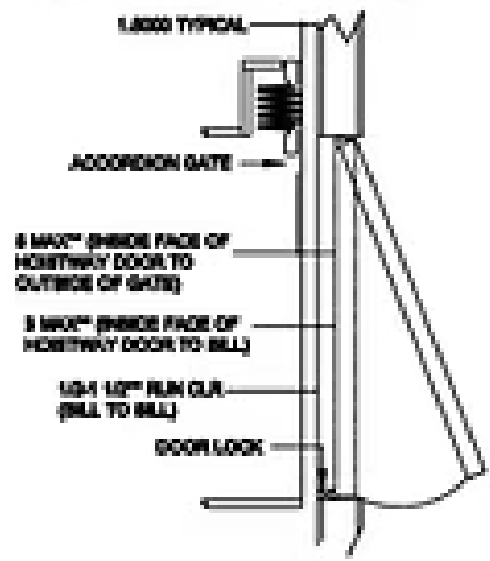
Home Elevators and Lift Products (LLC)
 10000000 10000000

1-2 road hydro
 10000 10000 10000 10000
 10000 10000 10000 10000
 10000 10000 10000 10000

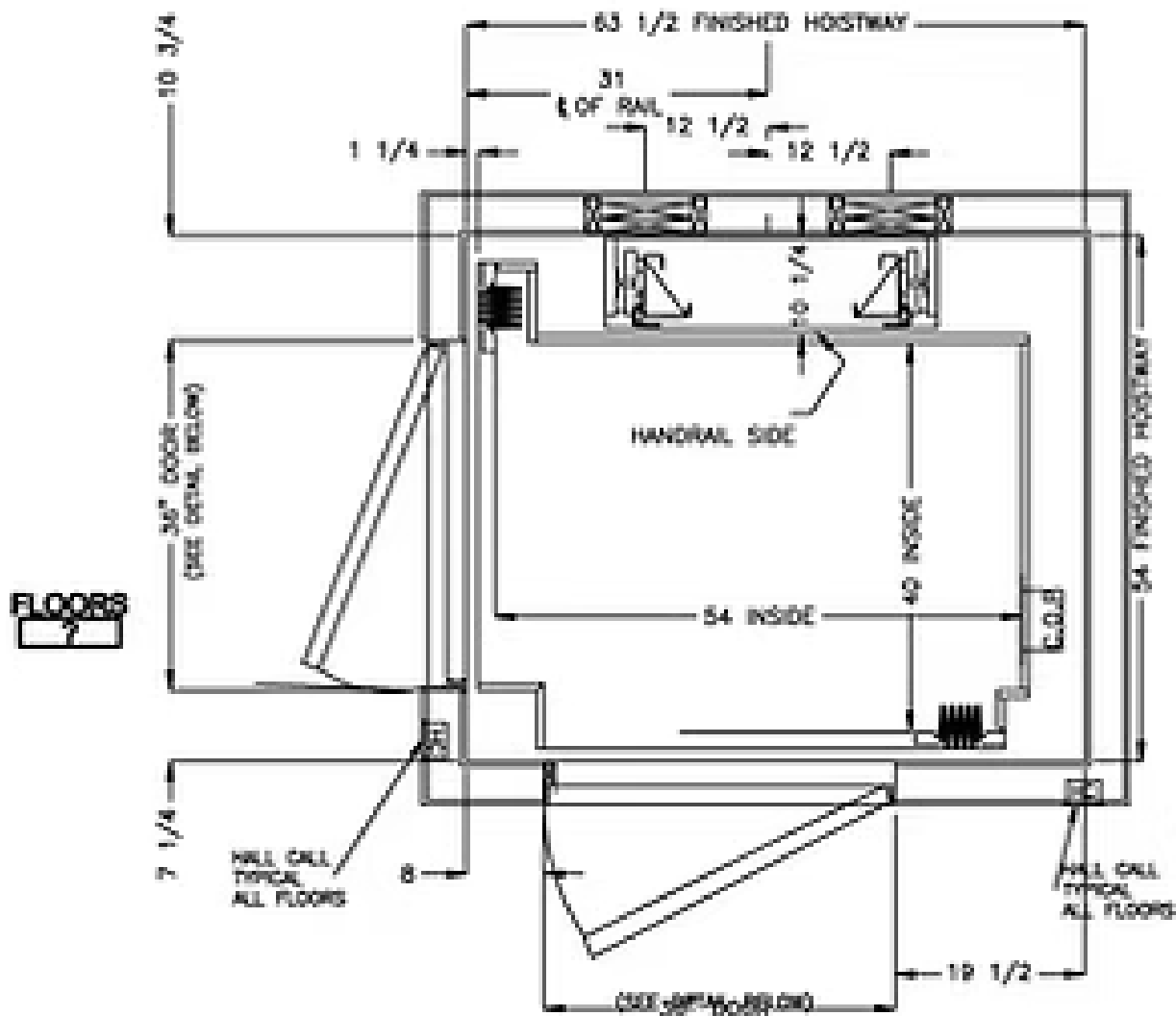
200



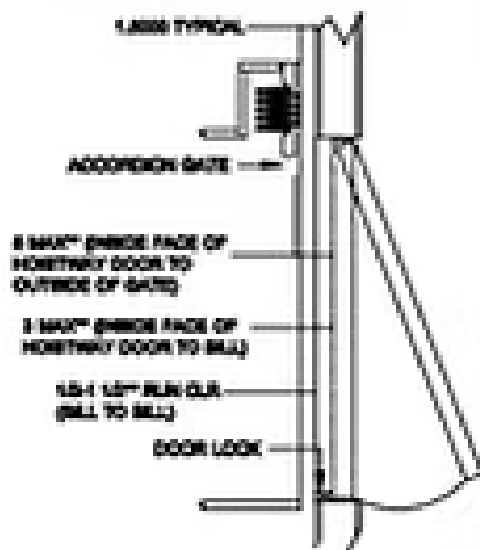
TYPICAL DOOR LOCATION DETAIL
 ** HORIZONTAL RUNNING CLEARANCES AS
 REQUIRED BY ASME A17.1, Rule 5.3.1.7.2



Baker Elevators and Lift Products LLC			
ELEVATOR - Comp. 10, 2000			
1-2, mixed, 1000			
RAIL	DATE	DATE	DATE
NONE			
SCALE			
200			



TYPICAL DOOR LOCATION DETAIL
 ** HORIZONTAL RUNNING CLEARANCES AS
 REQUIRED BY ASME A17.1, Rule 5.3.1.7.2



Model Elevators and LHM Products LLC
 RESERVATION: 10/10/10

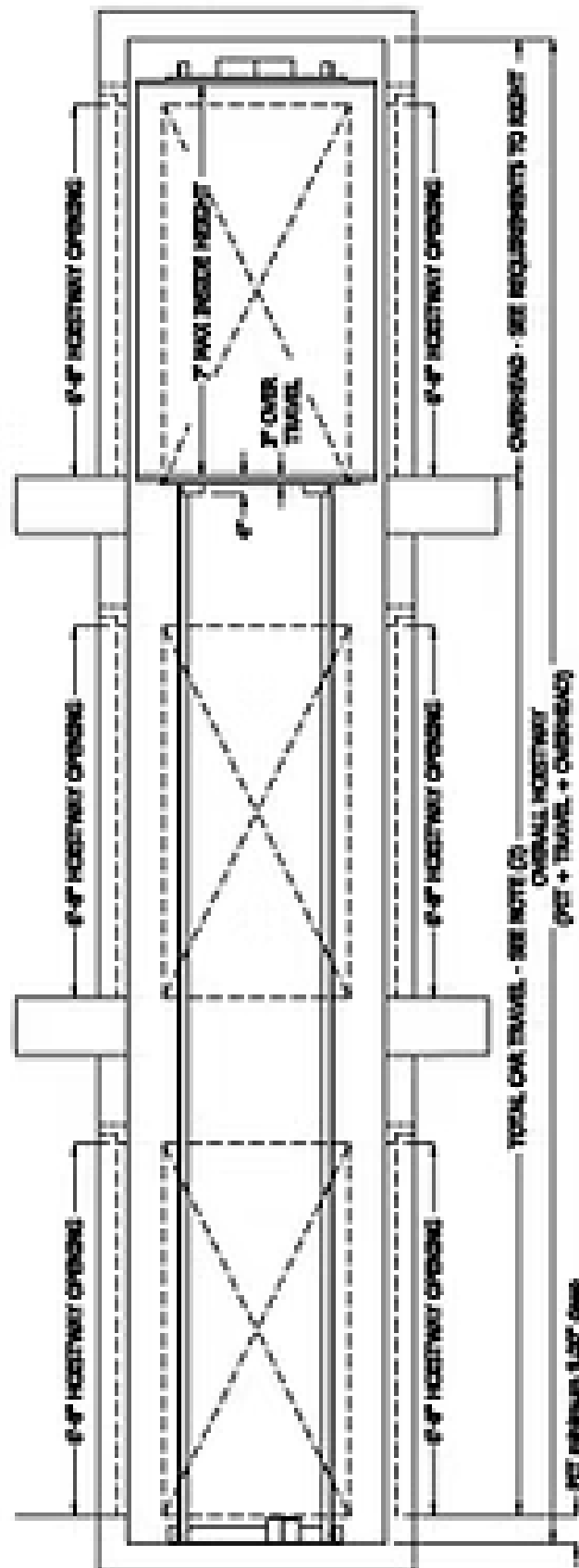
1/2" (THICK FACE OF
 DOOR) (THICK FACE OF
 DOOR) (THICK FACE OF
 DOOR)

200





PIT AND OVERHEAD DETAILS



OVERHEAD REQUIREMENTS

INTERIOR CAB HEIGHT	REQUIRED OVERHEAD
6'8"	92"
7'0"	96"
7'11"	107"

Overhead shall be measured from the finished flooring at the uppermost landing to the lowest obstruction in the top of the hoistway

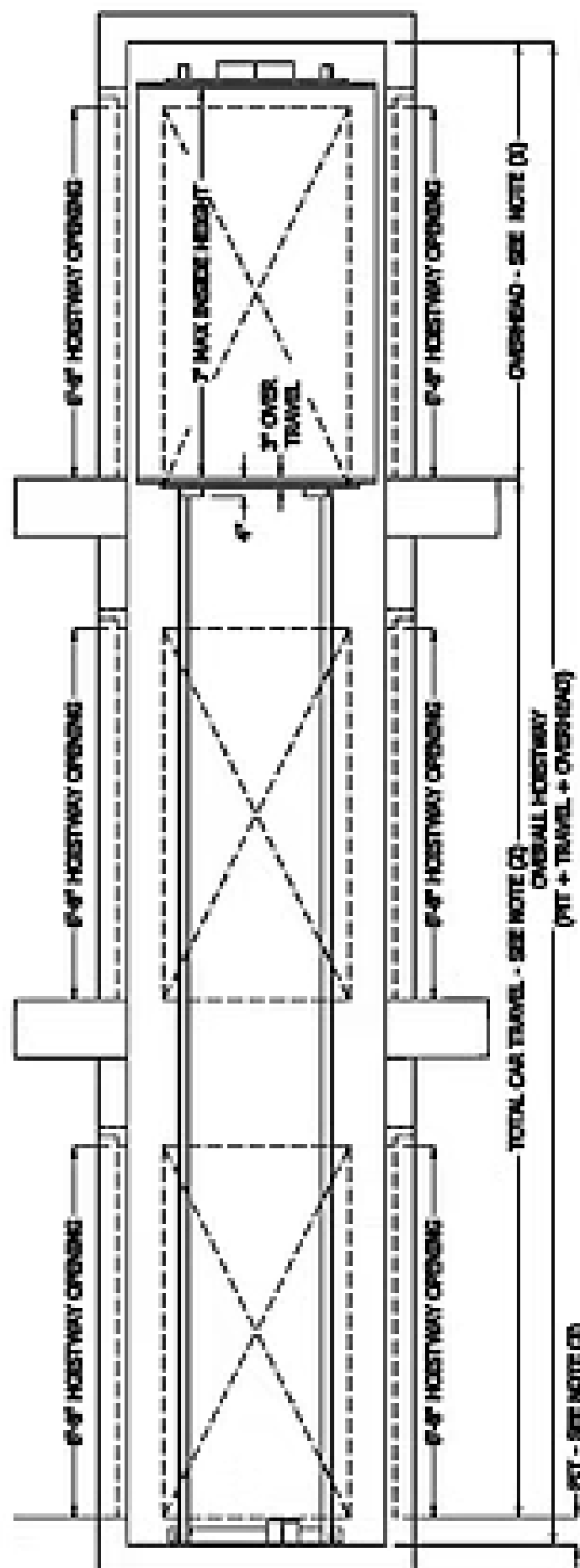
PIT REQUIREMENTS

The elevator hoistway shall have a pit at the lower most landing to accept the elevator and allow the cab to become flush with the lower most landing.

The pit shall be a minimum of 9.00' deep with a smooth level surface able to withstand the following loads.

Impact load at pit 4,750 Lbs

Static load at pit 2,900 Lbs



WORK BY OTHERS

1. A LOCKABLE, FUSED DISCONNECT SWITCH FOR ELEVATOR, PER NATIONAL ELECTRICAL CODE, FUSED FOR 10 AMP. LOCAL ELEMENT (TRIP DELAY FUSE). THE FUSED DISCONNECT SWITCH IS TO BE PROVIDED WITH NORMALLY OPEN ELECTRICAL INTERLOCK CONTACTS.

2. A 120 VAC 20 AMP SINGLE PHASE POWER SUPPLY WITH LOCKABLE, FUSED, DISCONNECT SWITCH OR CIRCUIT BREAKER WITH FUSES WIRING TO CONTROLLER FOR CAR LIGHTING PER N.E.C.

3. AN ADJACENT MACHINE ROOM MUST BE PROVIDED FOR THE OPERATING EQUIPMENT THAT MEETS N.E.C. REQUIREMENTS, ANSI A17.1 AND ALL LOCAL CODES. (SEE RECOMMENDED MACHINE ROOM PLAN).

4. TELEPHONE CONNECTION IN MACHINE ROOM.

5. THE ELEVATOR HOISTWAY SHOULD BE CONSTRUCTED IN ACCORDANCE WITH ANSI A17.1 AND ALL LOCAL CODES. NO ITEMS NOT DIRECTLY INVOLVED WITH THE FUNCTION OF THE ELEVATOR ARE ALLOWED IN HOISTWAY.

6. HOISTWAY FRAMEWORK MUST BE PLUMB AND SQUARE WITHIN 1/4" OVER THE ENTIRE HOISTWAY. HOISTWAY DOORS TO BE INSTALLED PLUMB ONE ABOVE THE OTHER PER ACCORDANCE WITH A17.1. EXCELS ALL WALLS AND END MEMBERS MUST EXTEND FROM BELL TO BELL.

7. ADEQUATE RAIL BRACKET SUPPORT MUST BE PROVIDED AS INDICATED ON SHOP DRAWINGS. RAFTERSHOWN NOT TO EXCEED VERTICAL INTERVALS SHOWN.

8. ALL WORKING RAILINGS, STEPS AND LADDERS AS REQUIRED FOR LOCAL HOISTWAY AND MACHINE ROOM.

9. RAILINGS-OUTSIDE OF ELEVATOR HOISTWAY AS REQUIRED FOR PROTECTION OF WORKMEN, OTHER CONTRACTORS OR OCCUPANTS.

10. ROUTES TO ACCOMMODATE WALL PENETRATIONS ARE REQUIRED. ALL WALL PENETRATIONS, PLUMBING AND DRINKING BY OTHER CONTRACTOR.

11. A FIVE-VERTICAL LADDERS TO FIT EXTENDING 4" ABOVE BELL OF BOTTOM TERMINAL. INTERLATCH SHALL BE PROVIDED WITH PIT EXCEEDS 10'.

12. EXPOSED BY WALL BETWEEN HOISTWAY MACHINE ROOM FOR OIL AND ELECTRICAL LINES TO BE COORDINATED WITH ELEVATOR CONTRACTOR.

NOTES

(1) 8" OVERHEAD REQUIRED FOR 7'-0" CAR HEIGHT (INCLUDING 1" OF CAR TOP CLEARANCE). CAR HEIGHT OVER 7'-0" REQUIRES ADDITIONAL OVERHEAD.

(2) MINIMUM FLOOR TO FLOOR TRAVEL IS 12' BETWEEN FLOORS.

(3) CONSULT FACTORY FOR MINIMUM PIT DEPTH.
IMPACT LOAD @ PIT 400 LBS (200-CAPACITY)
STATIC LOAD @ PIT 300 LBS (200-CAPACITY)

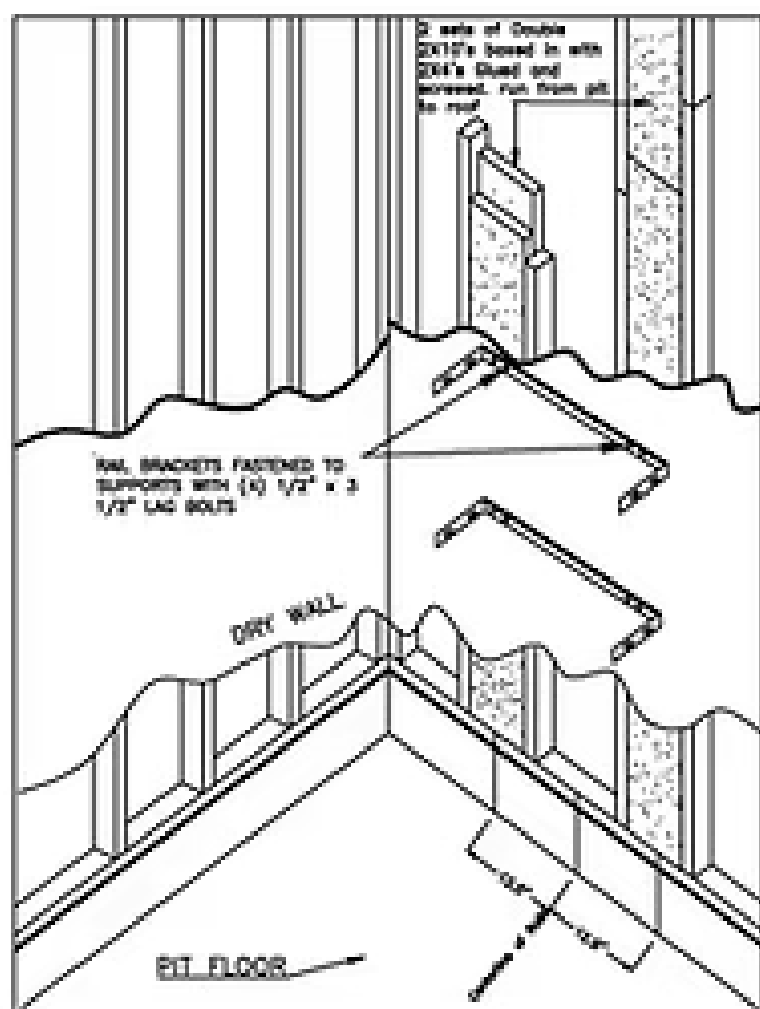
(4) CONSULT LOCAL AUTHORITY TO ENSURE COMPLIANCE WITH STATE AND LOCAL CODES.

HOISTWAY SPECS

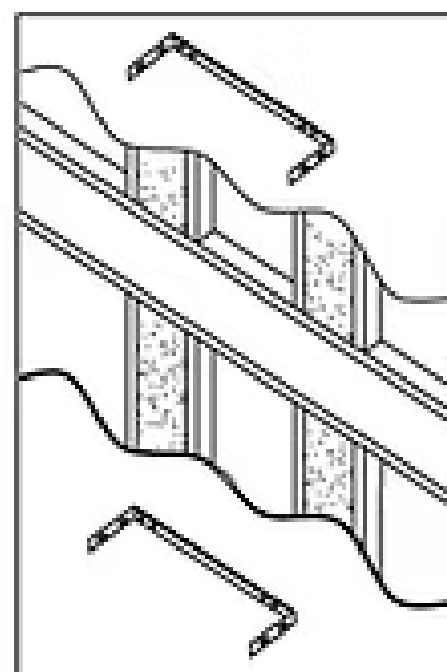
?	OVERALL HOISTWAY
?	OVERHEAD
?	FLOOR TO FLOOR TRAVEL
?	PIT DEPTH

Name Elevators and LBS Products LLC
Installation Date: 10/10/2020

1/2 road hydro
WATER: 100%
WATER: 100%
WATER: 100%
WATER: 100%



TYPICAL RAIL BACKING DETAIL



DETAIL AT INTERMEDIATE FLOORS



RAIL REACTIONS
(PER RAIL)

950#

F1 = 151

F2 = 303

GENERAL CONTRACTOR TO PROVIDE

Sufficient wall supports adequate to hold the rail forces shown above. All rail backings as shown above shall be screwed and glued and fastened to floor joists at intermediate floors with vertical intervals not to exceed 10' without fastening. All joints shall be staggered