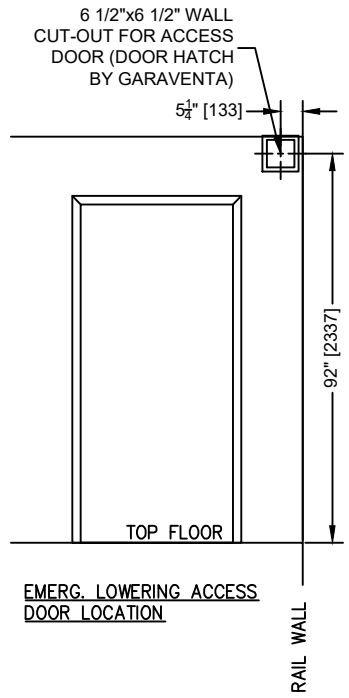
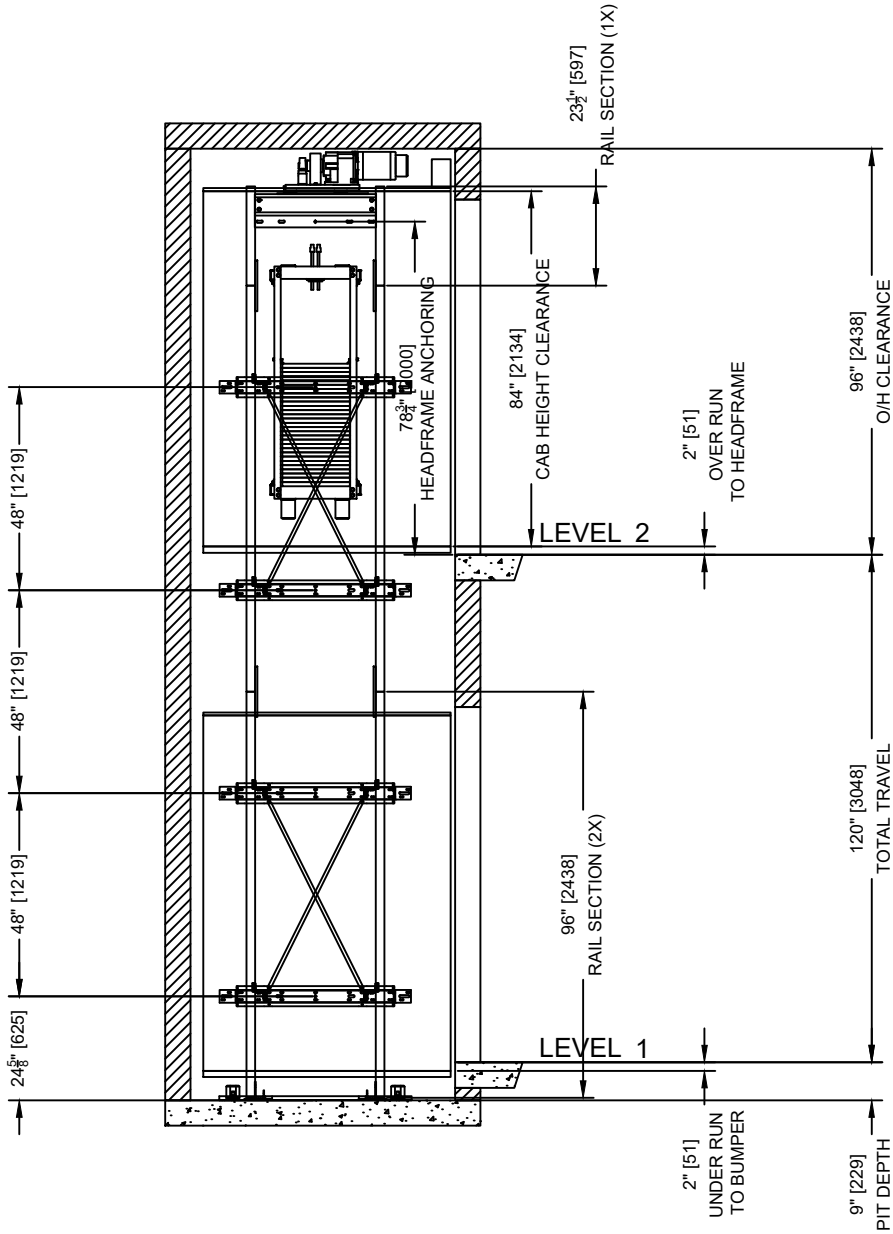
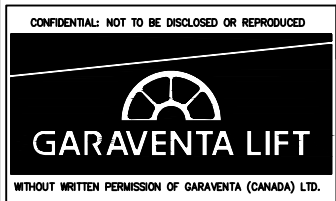


ELEVATION VIEW



NOTE: NO HABITABLE SPACE IS PERMITTED ANYWHERE UNDER THE PIT

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REV.	SCALE: N.T.S.	TOLERANCES: DIMENSIONAL ±3 [±1/8] ANGULAR ±1°	PROJECTION:	DATE DRN.BY CHK.BY



ELVORON MR iGOLDD-DRAWING

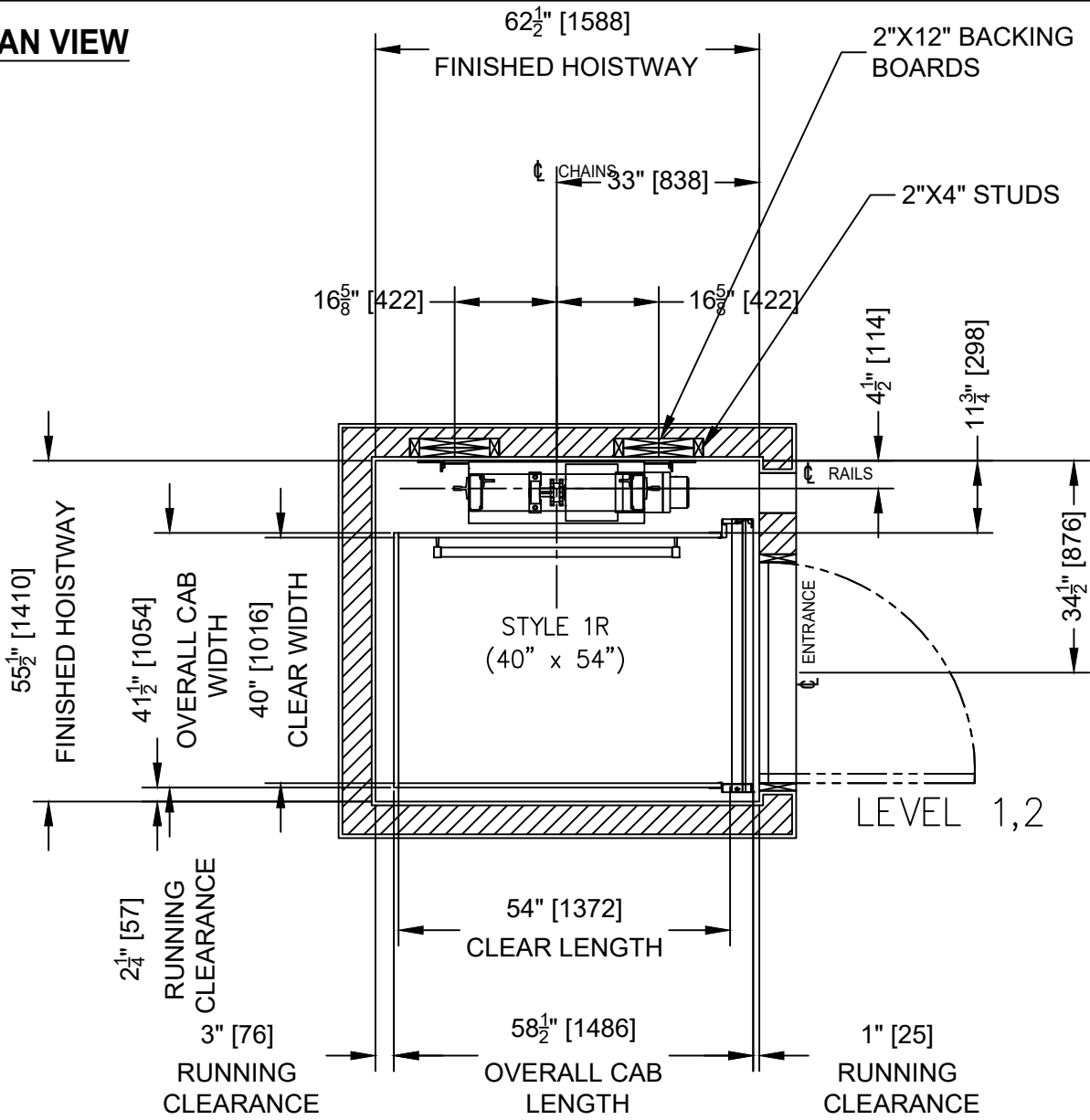
HACKET RESIDENCE
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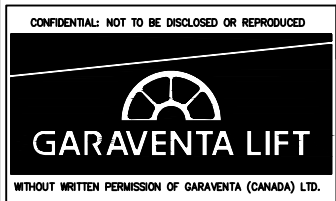
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PLAN VIEW



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SPECIFICATIONS

THIS LIFT IS MANUFACTURED IN ACCORDANCE WITH: ASME A17.1-SEC. 5.3-2019

CAB OPTION & FINISHES

CAB CONFIGURATION: Style-1R
 CAR GATE: YES
 CAR GATE FINISH: Nickel/White Vinyl w/3 Clear Panels
 CAR GATE OPERATION: Automatic Gate w/Light Screen
 CAR STOP/ALARM SWITCH: Maintained Rocker Sw.
 SEPARATE CAR ALARM SWITCH: No
 C.O.P. SIZE: Standard
 C.O.P. KEY SWITCH: Keyless C.O.P.

C.O.P. FINISH: Std. Brushed S-Steel-Icaro Display
 IN-CAR DIRECTION INDICATOR: No Direction Indicator
 CAR WALL PANEL FINISH: 3/4in. **TBD** Lam'te.
 CAR CEILING PANEL FINISH: 3/4in. Flat Melamine **TBD**
 CAR PLATFORM FINISH: Plywood (Fin. By Others)
 HANDRAIL TYPE/FINISH: #4 Brushed Stainless Steel
 EXTRA HANDRAIL(S): N/A
 TELEPHONE: Integral Phone in COP
 TELEPHONE BOX FINISH: N/A
 CAR LIGHTING: 4 Recessed LED Lights - White Trim
 CAR HEIGHT: 84"
 CAR SIZE (Width x Length): 40" x 54"
 CAR ALUM. FRAME PAINT: N/A
 FIRE RATED WALLS: NO
 FIRE RATED CEILING: NO

CONTROLS

CONTROLLER TYPE: MR II-MOD
 OPERATION: Collective Automatic
 HALL STATION TYPE: Call Button
 HALL STATION KEY: Keyless Hall Stations
 HALL STATION MOUNTING: Flush Mount Remote
 HALL STATION FINISH: Standard Brushed Stainless Steel
 POSITION INDICATORS(LANDING): N/A
 DIRECTION INDICATORS(LANDING): N/A
 PUSH BUTTON MARK FLR-1 DR-1: 1
 PUSH BUTTON MARK FLR-2 DR-1: 2
 PUSH BUTTON MARK FLR-3 DR-1:
 PUSH BUTTON MARK FLR-4 DR-1:
 PUSH BUTTON MARK FLR-5 DR-1:
 PUSH BUTTON MARK FLR-6 DR-1:

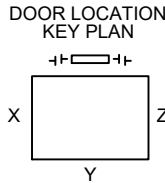
CONCURRENT LANDING CONTROL CALL BUTTONS

PUSH BUTTON MARK FLR-1 DR-2:
 PUSH BUTTON MARK FLR-2 DR-2:
 PUSH BUTTON MARK FLR-3 DR-2:
 PUSH BUTTON MARK FLR-4 DR-2:
 PUSH BUTTON MARK FLR-5 DR-2:
 PUSH BUTTON MARK FLR-6 DR-2:

DOOR OPTION & FINISHES

LANDING DOORS: Doors by Others
 DOOR FINISH: N/A
 INTERLOCKS: PRE
 DOOR OPERATION: Manual Doors

1st FLR. DOOR LOCATION (XYZ): Z
 1st FLR. DOOR HANDING: RH
 2nd FLR. DOOR LOCATION (XYZ): Z
 2nd FLR. DOOR HANDING: RH
 3rd FLR. DOOR LOCATION (XYZ):
 3rd FLR. DOOR HANDING:
 4th FLR. DOOR LOCATION (XYZ):
 4th FLR. DOOR HANDING:
 5th FLR. DOOR LOCATION (XYZ):
 5th FLR. DOOR HANDING:
 6th FLR. DOOR LOCATION (XYZ):
 6th FLR. DOOR HANDING:



TECHNICAL DETAILS

INSTALLATION TYPE: Private Residence
 MAXIMUM CAPACITY: 1000 [454Kg]
 RATED SPEED (nom.): 40 [0.20 m/s]
 POWER SUPPLY: 230V 1Ph. 60 Hz
 RAIL BRACKET FASTENERS: Lag Bolts
 MAXIMUM RAIL SECTION LENGTH: 8 foot [2438 mm]

EMERGENCY POWER SUPPLY: UPS Backup
 SHELF FOR UPS: YES
 # of FLOORS SERVED: 2 Stops
 SYSTEM: IN-LINE HELICAL GEARED
 ROPES: (2)- ANSI B29.1 #60 ROLLER CHAINS
 CHAIN LENGTH: 157.00 [3988 mm]
 SAFETIES: TYPE 'A' (INSTANTANEOUS)
 MOTOR HORSEPOWER: 2HP
 GEAR DATA: 42.18:1 IN-LINE HELICAL REDUCTION GEAR
 SPROCKET DATA: #60 DOUBLE-SINGLE, 16TEETH
 EST. CAR WEIGHT (lbs): 750 [340Kg]
 EST. SLING WEIGHT (lbs): 285 [129Kg]
 GROSS LOAD (lbs): 2060 [934Kg]
 COUNTERWEIGHT WEIGHT(lbs): 900 [408Kg]
 FLORIDA DOOR MONITORING: NO
 BUFFER SPRINGS: NO
 CAR TOP: NO

CONCURRENT LDG. DOORS: No Concurrent Landing Doors

1st FLR. 2nd DOOR LOCATION (XYZ):
 1st FLR. 2nd DR. HANDING:
 2nd FLR. 2nd DOOR LOCATION (XYZ):
 2nd FLR. 2nd DR. HANDING:
 3rd FLR. 2nd DOOR LOCATION (XYZ):
 3rd FLR. 2nd DR. HANDING:
 4th FLR. 2nd DOOR LOCATION (XYZ):
 4th FLR. 2nd DR. HANDING:
 5th FLR. 2nd DOOR LOCATION (XYZ):
 5th FLR. 2nd DR. HANDING:
 6th FLR. 2nd DOOR LOCATION (XYZ):
 6th FLR. 2nd DR. HANDING:

MISCELLANEOUS DETAILS

TRAVELLING CABLE LENGTH (FT): Extra 20 ft [6 m]
 TECH TOOLS: N/A
 PIT FLOAT SWITCH (MR II only): NO
 WARRANTY: Standard 2 Year Warranty

SPECIAL NOTES

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REV.	SCALE: N.T.S.	TOLERANCES: DIMENSIONAL ±3 [±1/8] ANGULAR ±1°	PROJECTION:	DATE	DRN.BY	CHK.BY

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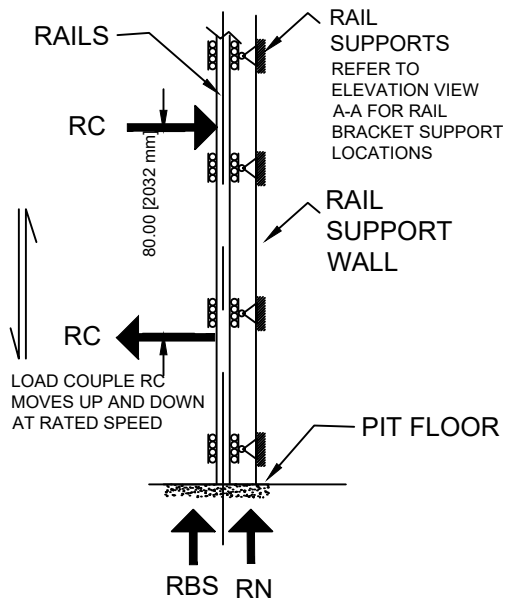
HACKET RESIDENCE
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MCI ELEVATOR

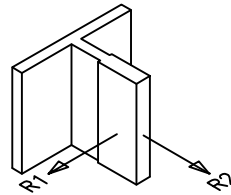
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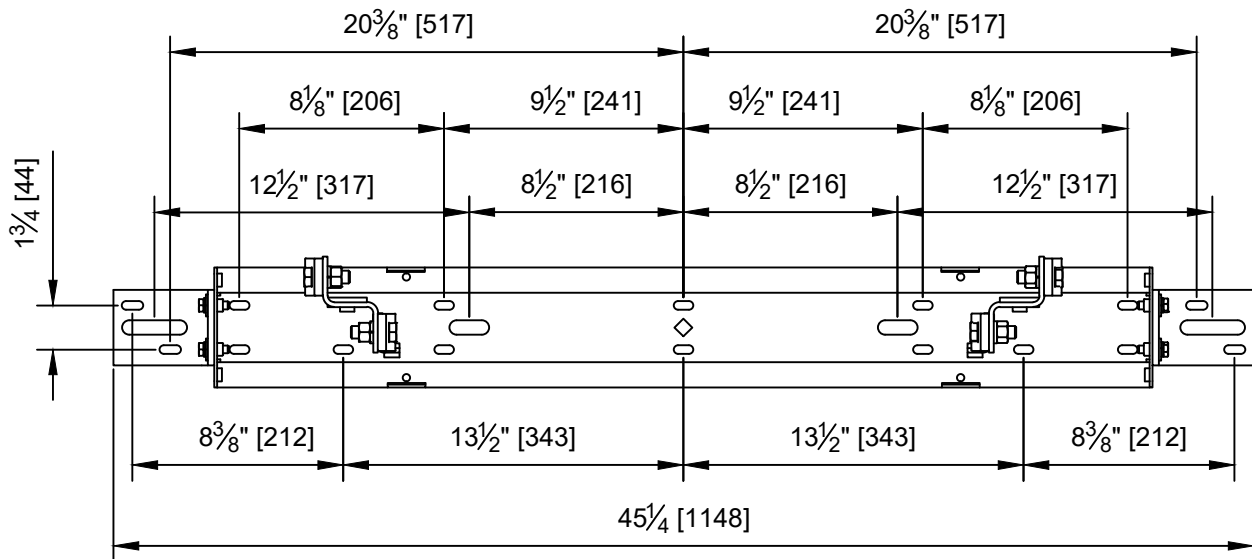
LOADING DIAGRAM - INFORMATION



LOAD	DESCRIPTION	Lbf
RBS	REACTION DUE TO BUFFER OR SAFETY ENGAGEMENT	5342 [23.94 KN]
RN	REACTION DUE TO NORMAL OPERATION	3307 [14.82 KN]
RC	LOAD IMPOSED DURING NORMAL OR EMERGENCY OPERATION MAXIMUM PULL-OUT FORCE ON RAIL SUPPORT	585 [2.62 KN]
R1	RAIL REACTION 1	293 [1.31 KN]
R2	RAIL REACTION 2	81 [0.36 KN]



RAIL BRACKET DETAIL



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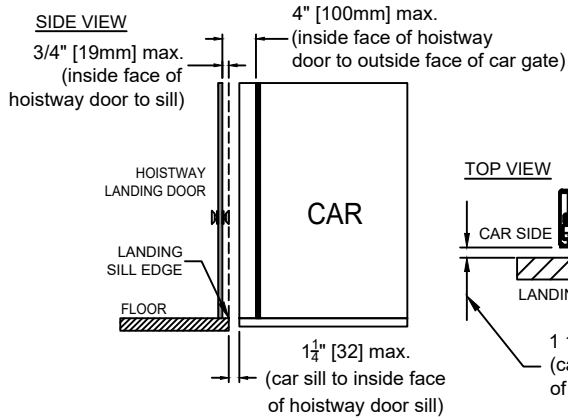
3/4" & 4" DOOR & GATE RULE

The clearance between the hoistway doors or gates and the hoistway edges of the landing sills shall not exceed 3/4" [19mm]. The distance between the hoistway faces of the landing doors or gates and the car door or gate shall not exceed 4" [100mm]. (Reject 4" [100mm] ball at all locations between car gate and landing doors).
 ASME A17.1/CSA B44 safety code for elevators and escalators (2016 and beyond) mandates the following maximum hoistway door clearances

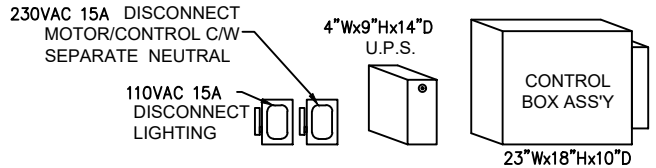
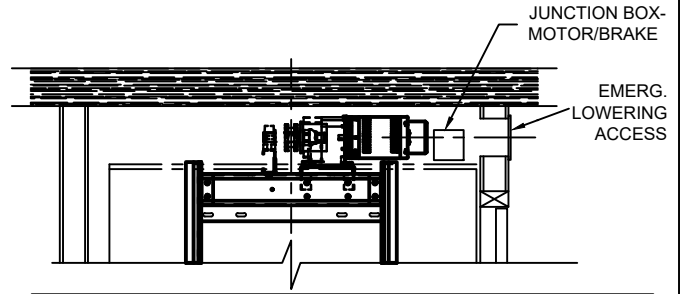
1. Clearance between the hoistway side of the landing door and the edge of the landing sill shall not exceed 0.75" (19mm)
2. Distance between the hoistway side of the landing door or gate and the car door or gate shall not exceed 4" (100mm)
3. Residential elevator design is with a maximum 1.25" (32mm) running clearance

For any previous edition of A17.1/B44 that may still be enforced in your authority having jurisdiction, the CPSC & Garaventa Lift mandates all its home installed elevators be installed per the latest requirements of the standard

Additional requirements: All Swing doors provided by others must be of solid core construction as hollow core doors do not respect deflection and pull out force requirements of the code



MACHINE AREA VIEW



CONTROL LOCATION:
 CONTROL BOX & U.P.S. LOCATED OUTSIDE OF HOIST. BY OTHERS

PROVISIONS BY OTHERS

MACHINE AREA:

1. ACCESS TO MACHINE AREA IS GAINED FROM THE TOP OF THE CAR

ELECTRICAL:

1. LOCKABLE FUSED DISCONNECT SWITCH TO BE PROVIDED FOR 230V 1Ph. POWER ALONG WITH A SEPARATE NEUTRAL WIRE c/w AUX. CONTACTS.
2. USE AUXILIARY CONTACTS IN DISCONNECT FOR EMERGENCY BACKUP. NO CONDUIT OR PIPING NOT ASSOCIATED WITH LIFT IN HOISTWAY.
3. PERMANENT POWER TO BE PROVIDED BEFORE INSTALLATION COMMENCES.

POWER SUPPLY REQUIREMENTS BY OTHERS				
	VOLTS-PHASE -FREQUENCY	DISCONNECT SIZE	FUSE (DUAL ELEMENT SLOW-BLOW)	FULL LOAD CURRENT
MOTOR & EQUIP	230V 1Ph.	15A	15A	6.4 A
CAR LIGHTING SUPPLY	110V 1Ph.	15A	10A	

GENERAL:

1. RUNWAY, PIT, AND MACHINE AREA TO BE IN ACCORDANCE WITH ASME A17.1-SEC. 5.3-2019 AND TO EXISTING LOCAL CODES AND REGULATIONS.
2. RUNWAY TO BE PLUMB, LEVEL, AND SQUARE $\pm .1/4"$.
3. CONTRACTOR TO PROVIDE DRYWALL, CARPENTRY, AND MASONRY WORK AS REQUIRED AS WELL AS PATCHING AND MAKING GOOD (INCLUDING FINISH PAINTING) ANY CUTTING, DRILLING, AND MODIFICATION TO THE BUILDING NECESSARY TO PERMIT PROPER INSTALLATION OF THE ELEVATOR EQUIPMENT.
4. WHERE CAR GATE IS PROVIDED, LANDING SILL TO CAR GATE CLEARANCES MUST CONFORM TO 3/4" & 4" RULE.

STRUCTURAL:

1. STRUCTURAL ENGINEER TO ASSURE THAT BUILDING AND RUNWAY STRUCTURES ARE CAPABLE OF SUPPORTING LOADS IMPOSED BY THE LIFT EQUIPMENT. (REFER TO THESE LAYOUT DRAWINGS FOR LOADS IMPOSED)

A	REV A=INITIAL RELEASE. FOR ALL OTHERS SEE REVISION HISTORY (SHEET 6)	UNITS: MM [INCHES]	JAN/13/25	autogold		
REV.	SCALE: N.T.S.	TOLERANCES: DIMENSIONAL ± 3 [$\pm 1/8$] ANGULAR $\pm 1'$	PROJECTION:	DATE	DRN.BY	CHK.BY

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

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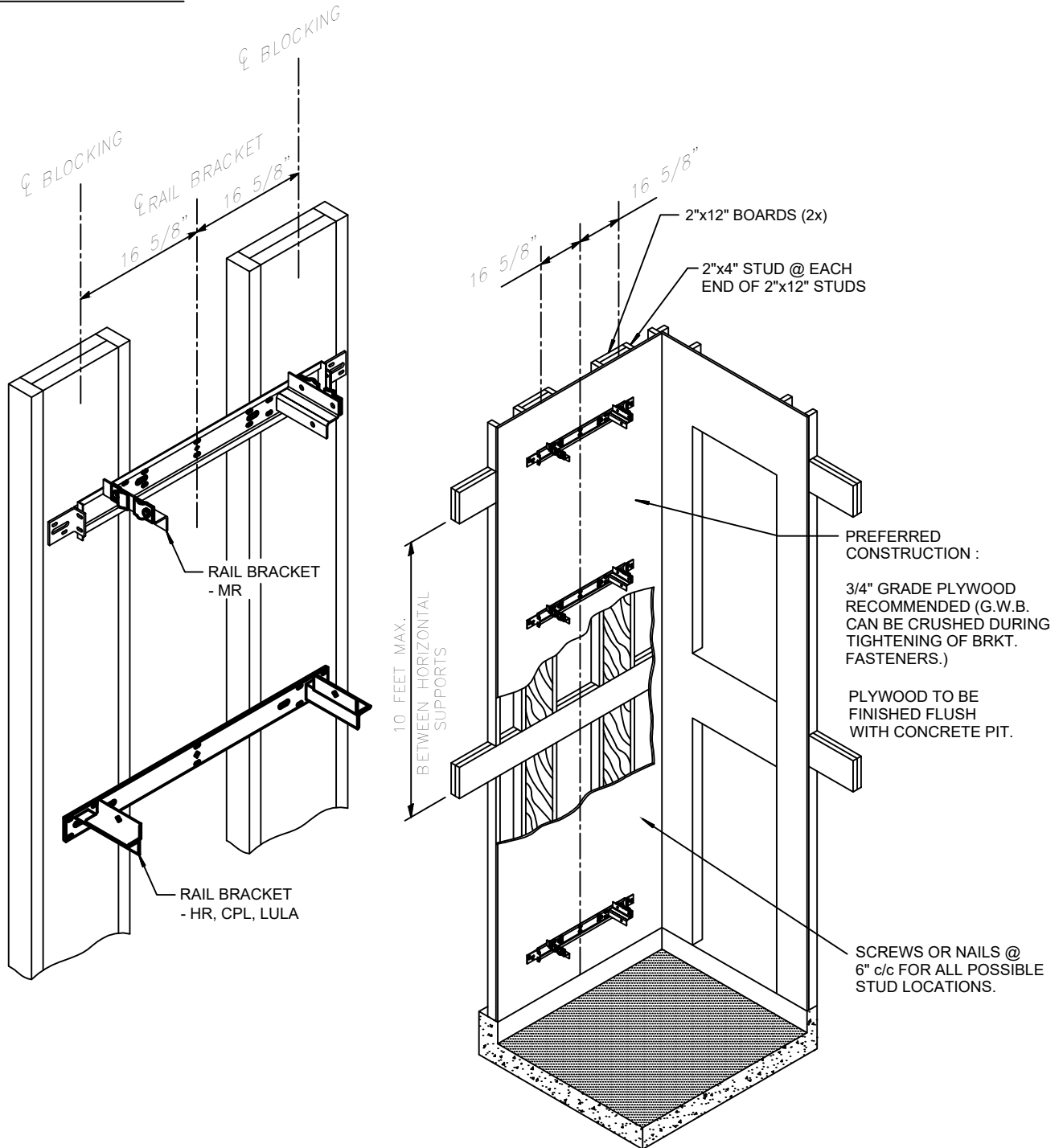
105830-IG-A

REVISION HISTORY

REV A By: AUTOGOLDD DATE: JAN/13/25
INITIAL RELEASE

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BACKING DETAILS



STRUCTURAL ENGINEER TO ASSURE THAT BUILDING AND HOISTWAY STRUCTURES ARE CAPABLE OF SUPPORTING LOADS IMPOSED BY THE ELEVATOR EQUIPMENT. (REFER TO THESE LAYOUT DRAWINGS FOR LOADS IMPOSED)

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