

# SYMMETRY SHAFTLESS ELEVATOR SPECIFICATIONS

## GENERAL:

- TRAVEL:
- OVERHEAD:
- SPEED: 14 FPM
- LOAD CAPACITY: 400#
- STOPS: TWO
- SINGLE OPENING (LEFT SIDE)

## CAR FEATURES:

- 33"W X 39"D CAR SIZE
- 6' 4" INTERIOR CAR HEIGHT
- GREY TEXTURE POWDER COATED CAB WITH CLEAR POLYCARBONATE VISION PANELS
- INTEGRAL HANDRAIL
- BLACK CAR ACCENT STRIP
- GREY CARPETED METAL FLOOR
- (2) ENERGY SAVING RECESSED LED LIGHT WITH BLACK TRIM RINGS
- (1) 6' 4" GREY TEXTURE POWDER COATED INTEGRATED SLIDING CAR DOOR WITH CLEAR POLYCARBONATE VISION PANELS
- FLIP DOWN SEAT WITH RECESSED PHONE ENCLOSURE

## FIXTURES:

- #4 BRUSHED STAINLESS STEEL CAR OPERATING PANEL (COP) WITH UP/DOWN ARROW BUTTONS, DIAGNOSTIC LED, LIGHT SWITCH AND IN CAR EMERGENCY STOP SWITCH
- (2) WIRELESS #4 BRUSHED STAINLESS STEEL HALL STATIONS WITH UP/DOWN ARROW BUTTONS

## MECHANICAL EQUIPMENT:

- MODULAR EXTRUDED ALUMINUM RAIL STRUCTURE
- CAR FRAME ASSEMBLY
- 120 VAC, 60Hz, 15 AMP SINGLE PHASE POWER SUPPLY FOR BATTERY CHARGER
- (2) 1/4" - 7x19 GALVANIZED AIRCRAFT CABLES (7,000# BREAKING STRENGTH EACH)
- WINDING DRUM DRIVE ASSEMBLY WITH SOFT START / STOP DC CONTROLLED MOTOR.

## TRACK AND FLOOR LINER:

- GREY TEXTURE POWDER COATED TRACK ASSEMBLY
- GREY TEXTURE POWDER COATED FLOOR LINER

## SAFETY DEVICES:

(TYPE "A" INSTANTANEOUS)


- SLACK ROPE SAFETY DEVICE
- TWO UPPER AND ONE LOWER FINAL LIMITS
- IN-CAR EMERGENCY STOP SWITCH AND ALARM
- CAR DOOR LOCKING DEVICE FOR CAR GATE(S)
- BATTERY BACK UP EMERGENCY CAR LIGHT AND ALARM
- TOP CAR OBSTRUCTION SAFETY DEVICE
- BOTTOM CAR OBSTRUCTION SAFETY DEVICE

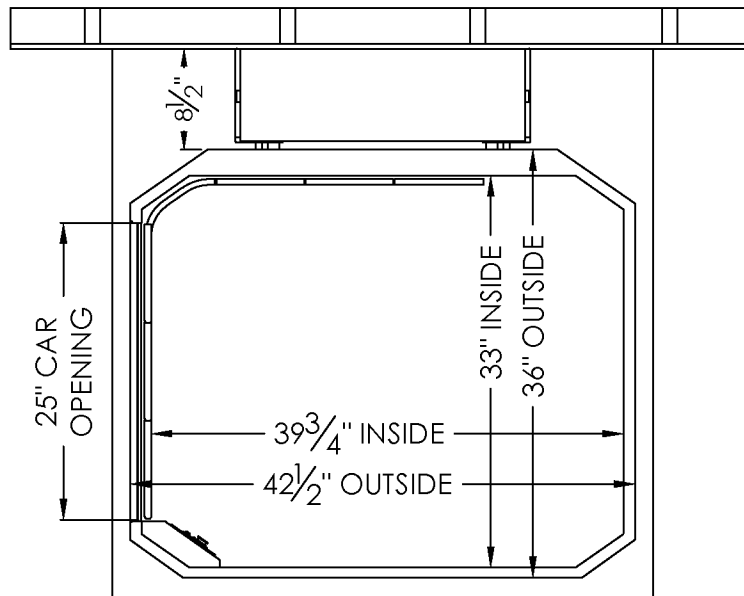
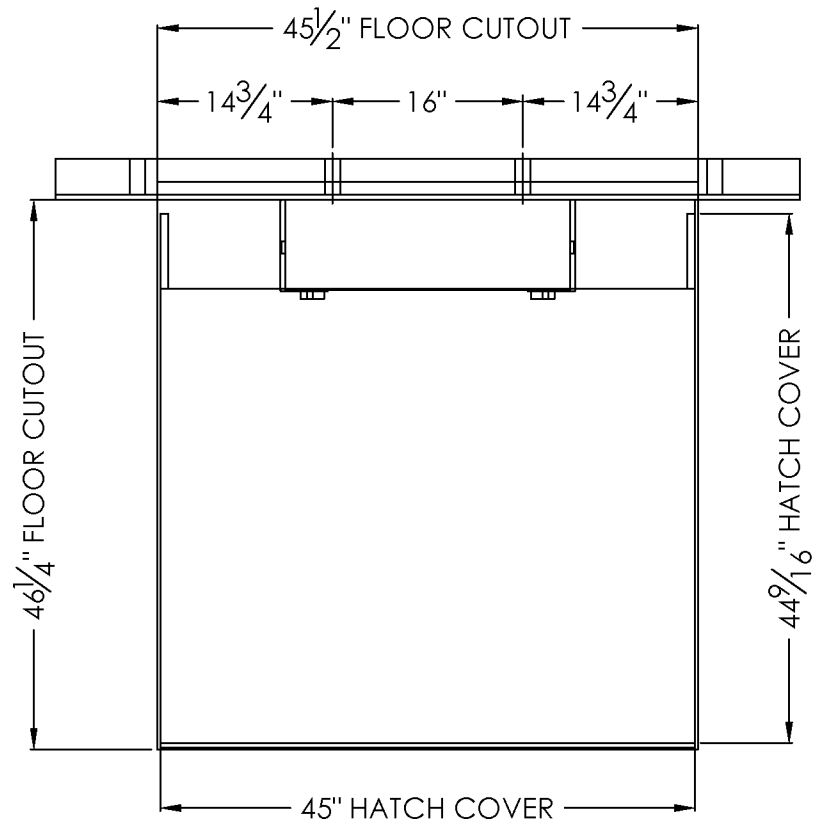
## CONTROLS:


- CONSTANT PRESSURE OPERATION
- SELF DIAGNOSTIC SYSTEM WITH DIAGNOSTIC LED
- BATTERY RAISE / LOWER SYSTEM

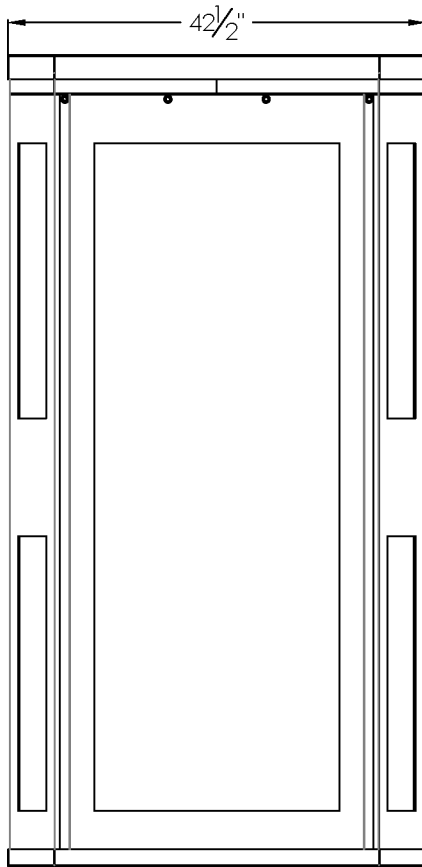
## OPTIONAL INCLUDED FEATURES:

- 

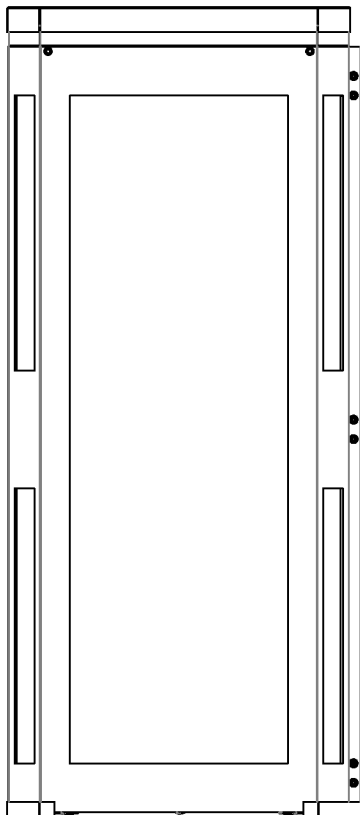
		SYMMETRY ELEVATING SOLUTIONS	
TITLE SHAFTLESS ELEVATOR SPEC 33x39 SINGLE 1L			SCALE NONE
DRAWN BY TKG	ORIGINAL DATE 09/24/21	DRAWING NO. SE04	REV R0
JOB INFORMATION			



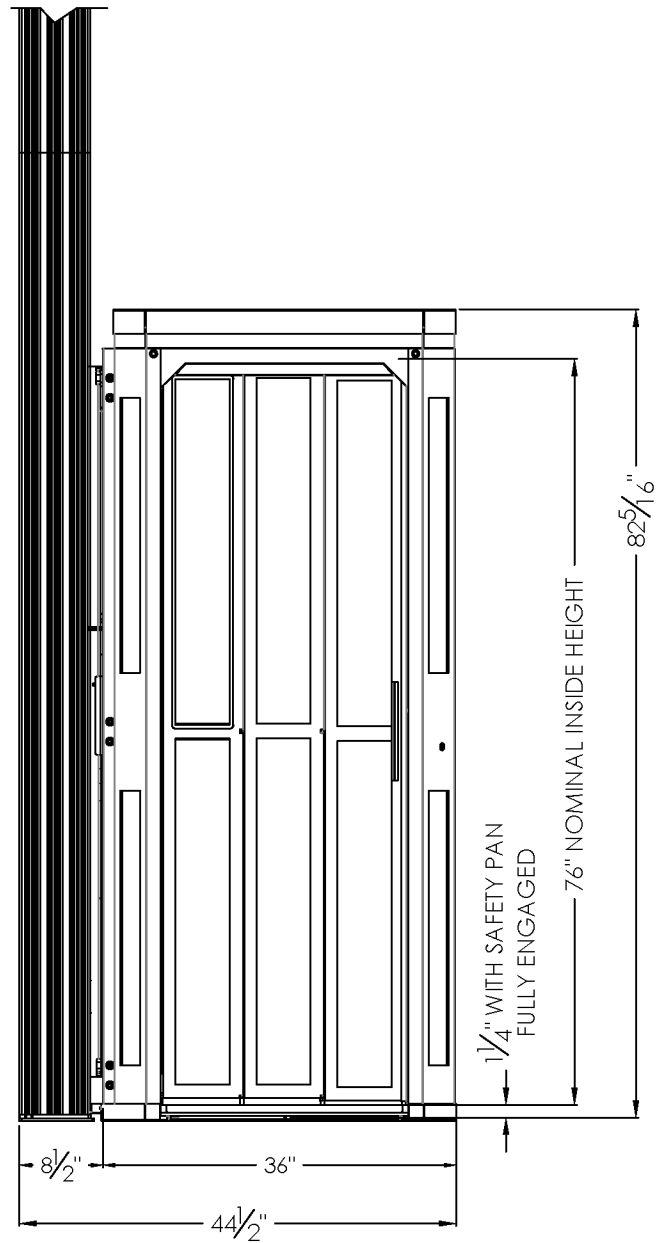
 <b>symmetry</b>		SYMMETRY ELEVATING SOLUTIONS	
<b>TITLE</b> SHAFTLESS ELEVATOR 33x39 SINGLE 1L			<b>SCALE</b> NONE
<b>DRAWN BY</b> TKG	<b>ORIGINAL DATE</b> 09/24/21	<b>DRAWING NO.</b> SE04A	<b>REV</b> R0
<b>JOB INFORMATION</b>			




SIDE VIEW  
(BOTTOM FLOOR)



REAR VIEW  
(BOTTOM FLOOR)



FRONT VIEW  
(BOTTOM FLOOR)

		SYMMETRY ELEVATING SOLUTIONS	
<b>TITLE</b> SHAFTLESS ELEVATOR 33x39 SINGLE 1L			<b>SCALE</b> NONE
<b>DRAWN BY</b> TKG	<b>ORIGINAL DATE</b> 09/24/21	<b>DRAWING NO.</b> SE04B	<b>REV</b> R0
<b>JOB INFORMATION</b>			

**NOTES:**

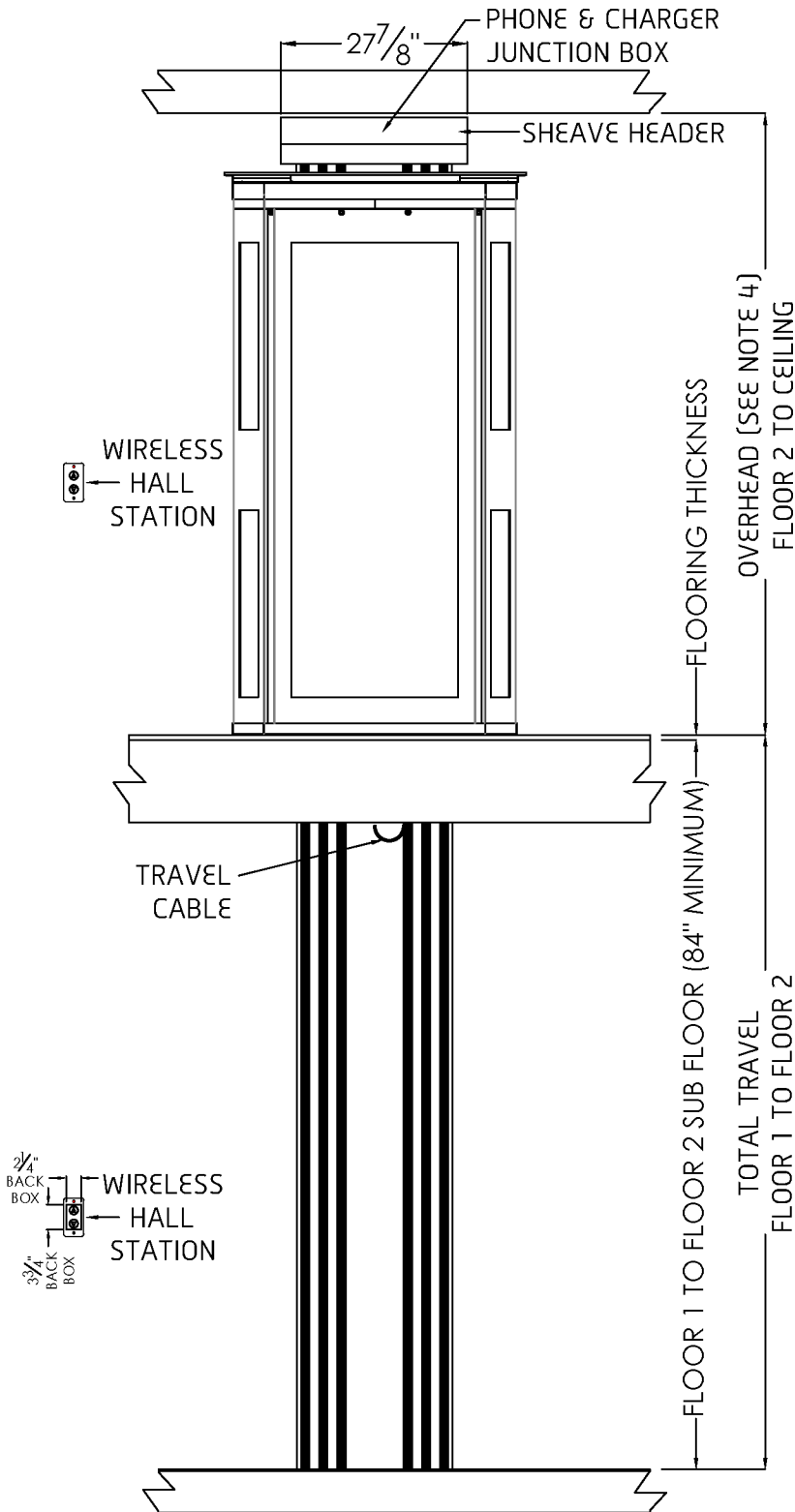
1) CONSULT LOCAL AUTHORITY TO ENSURE COMPLIANCE WITH STATE AND LOCAL CODES.

2) MAXIMUM TRAVEL IS 14' (168")

3) MINIMUM FLOOR 1 TO FLOOR 2 SUB FLOOR MEASUREMENT IS 84".

4) OVERHEAD NOTES:

- MINIMUM OVERHEAD IS 7'8½" (92½") WITH STANDARD EQUIPMENT
- MINIMUM OVERHEAD IS 7'9" (93") WITH SEMI-FREE STANDING OPTION
- ENGINEERING REVIEW IS REQUIRED IF OVERHEAD EXCEEDS 100 ¼" AND UNIT WILL ATTACH TO 2x4 WALL STUDS



**JOB SPECIFIC INFORMATION:**

	OVERHEAD
	TOTAL TRAVEL FLOOR 1 TO 2

SYMMETRY ELEVATING SOLUTIONS			
TITLE			SCALE
SHAFTLESS ELEVATOR 33x39 SINGLE 1L			NONE
DRAWN BY	ORIGINAL DATE	DRAWING NO.	REV
TKG	09/24/21	SE04C	R0
JOB INFORMATION			

ELEVATOR RAILS LAG TO  
2x4 OR 4x4 WALL STUDS  
(SEE NOTE BELOW)

DRYWALL  
(SHOWN PARTIALLY)

SUB-FLOOR  
(SHOWN PARTIALLY)

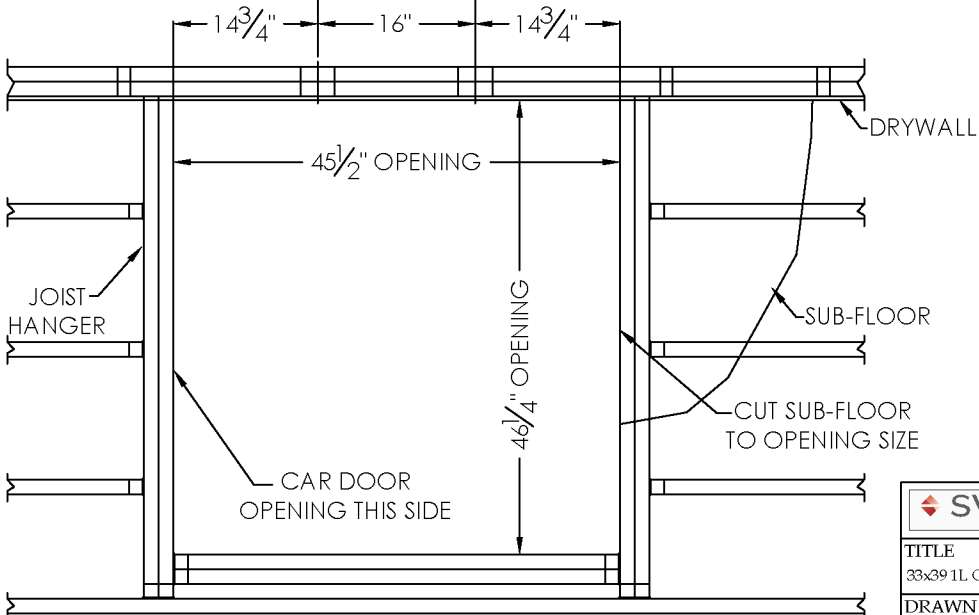
JOIST HANGER

FLOOR JOIST

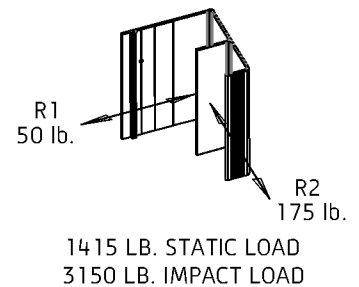
CAR DOOR  
OPENING  
THIS SIDE

NOTE: ENGINEERING REVIEW IS  
REQUIRED IF OVERHEAD  
EXCEEDS 100  $\frac{1}{4}$ " AND UNIT WILL  
ATTACH TO 2x4 WALL STUDS.  
ADDITIONAL EQUIPMENT  
OPTIONS, SUCH AS ADDITIONAL  
TRACK OR SEMI-FREE STANDING  
OPTION, MAY BE REQUIRED

ELEVATOR  
RAILS LAG TO  
2x4 OR 4x4  
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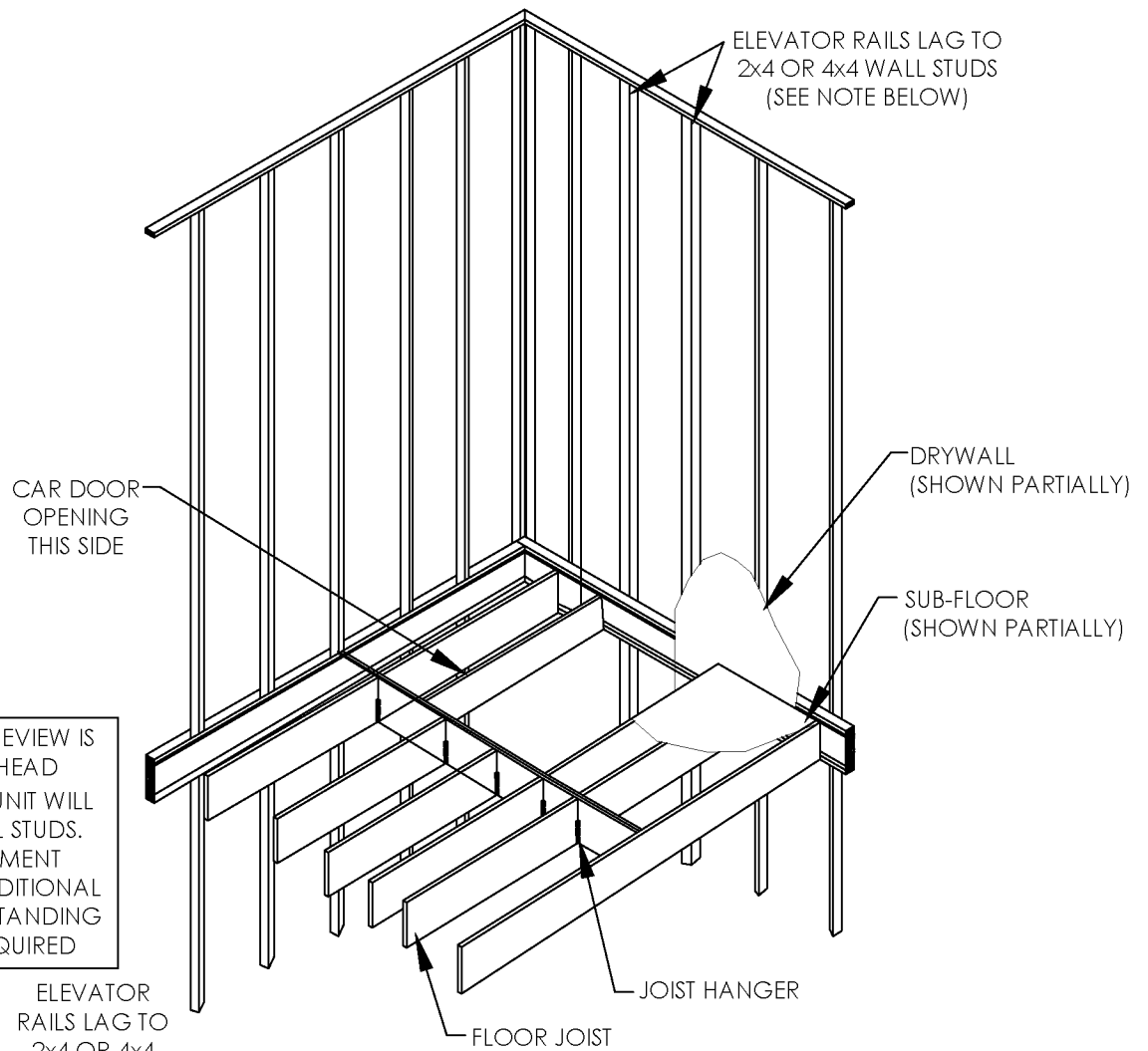
33 x 39 STATIC RAIL REACTION



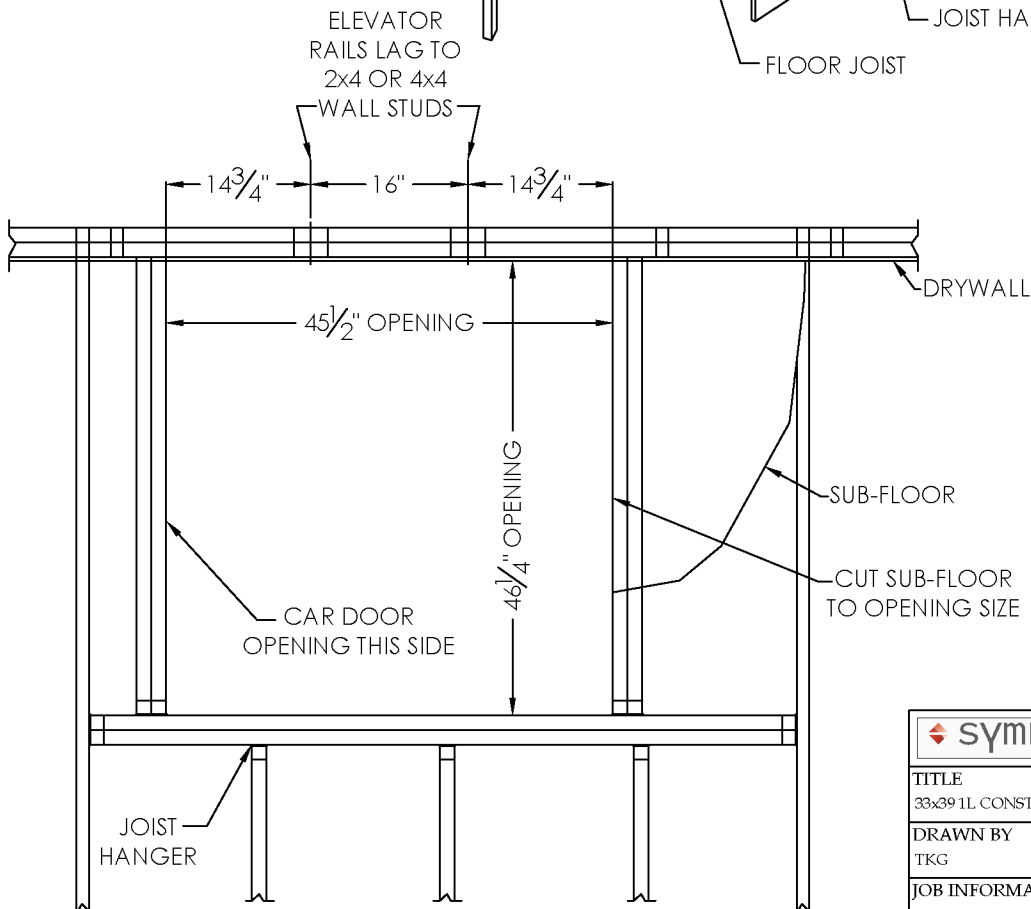
**symmetry**

SYMMETRY ELEVATING SOLUTIONS

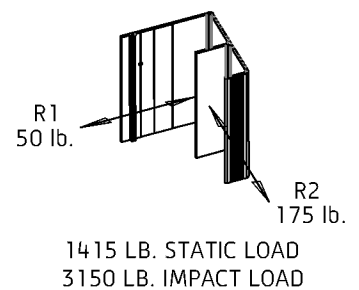
TITLE 33x39 1L CONSTRUCTION DETAIL - PERPENDICULAR JOISTS		SCALE NONE	
DRAWN BY TKG	ORIGINAL DATE 09/24/21	DRAWING NO. SE04D	REV R0
JOB INFORMATION			



NOTE: ENGINEERING REVIEW IS REQUIRED IF OVERHEAD EXCEEDS 100  $\frac{1}{4}$ " AND UNIT WILL ATTACH TO 2x4 WALL STUDS. ADDITIONAL EQUIPMENT OPTIONS, SUCH AS ADDITIONAL TRACK OR SEMI-FREE STANDING OPTION, MAY BE REQUIRED



#### 33 x 39 STATIC RAIL REACTION



SYMMETRY ELEVATING SOLUTIONS

TITLE 33x39 1L CONSTRUCTION DETAIL - PARALLEL JOISTS				SCALE NONE
DRAWN BY TKG	ORIGINAL DATE 09/24/21	DRAWING NO. SE04E	REV R0	

JOB INFORMATION