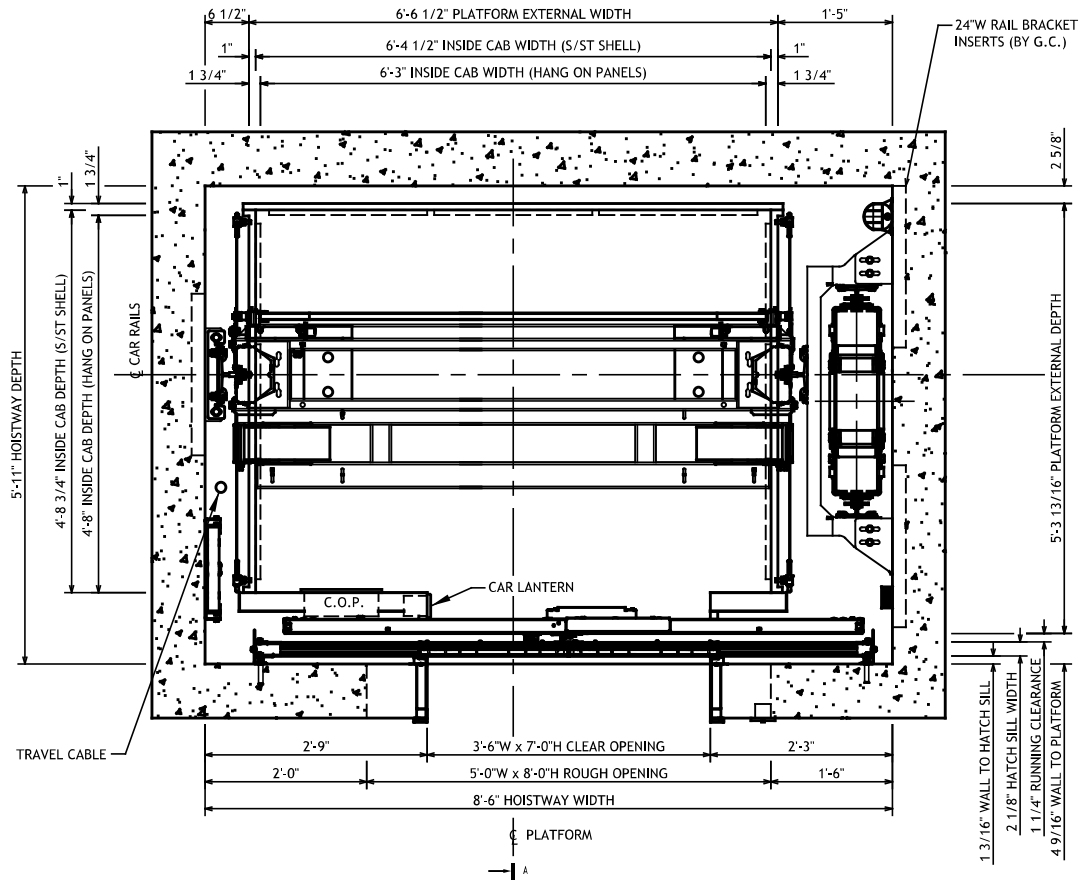


SCALE 1:20



MACHINE DATA			
MACHINE TYPE	LOW VOLTAGE		HIGH VOLTAGE
MACHINE MODEL	SG53NAF		
BUILDING VOLTAGE	208	240	480
MACHINE VOLTAGE	208	208	360
BUILDING FLA	34	29	15
MACHINE FLA	28.53	28.53	17.10
MOTOR HP	7.90	7.90	7.90

NOTE: ALL MACHINE DATA SHOWN AT 150 FPM STANDARD CAR SPEED.

NOTES

- ENTRANCE DOOR SIZE & LOCATION WILL BE MANUFACTURED AS SHOWN.
- INSIDE CAB DIMENSIONS SHOWN WITH BOTH INTERIOR OPTIONS (S/ST SHELL OR HANG ON PANELS).
- EQUIPMENT LOCATION & PLATFORM DIMENSIONS CANNOT CHANGE FROM WHAT IS SHOWN ABOVE.
- PIT DEPTH IS 5'-0". CLEAR OVERHEAD (TO HOIST BEAM) IS 12'-10".
- IF SEISMIC PROVISIONS ARE NEEDED, ADD 2" TO THE HOISTWAY WIDTH TO ACCOMMODATE.
- CONCRETE/MASONRY WALL CONSTRUCTION SHOWN FOR HOISTWAY.
- MAX TRAVEL IS 100'-0".
- THIS CAR IS NOT 24" x 84" GURNEY COMPLIANT.

HOISTWAY PLAN

GEARLESS RAIL SUPPORTED MRL
2500 LB SSC0 FRONT
EDGESL

NOT FOR CONSTRUCTION

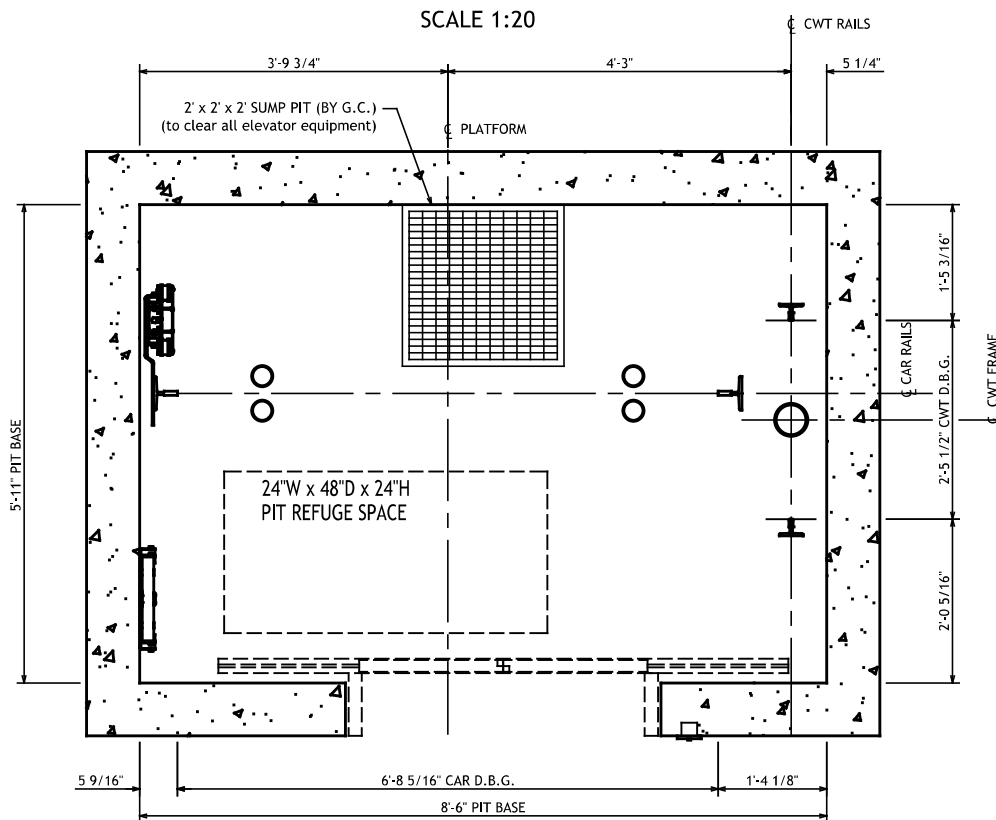
ALLIANCE
ELEVATOR SOLUTIONS

335 NOVA DR.
GREENCASTLE, PA 17225

N.T.S.

1 OF 4

2025



NOTES

1. ENTRANCE DOOR SIZE & LOCATION WILL BE MANUFACTURED AS SHOWN.
2. EQUIPMENT LOCATION CANNOT CHANGE FROM WHAT IS SHOWN ABOVE.
3. PIT DEPTH IS 5'-0".
4. IF SEISMIC PROVISIONS ARE NEEDED, ADD 2" TO THE HOISTWAY WIDTH TO ACCOMMODATE.
5. SUMP PIT SHOWN IN BEST LOCATION. COORDINATE EXACT LOCATION & SIZE W/ G.C.

PIT PLAN

GEARLESS RAIL SUPPORTED MRL
2500 LB SSC0 FRONT
EDGESL

NOT FOR CONSTRUCTION

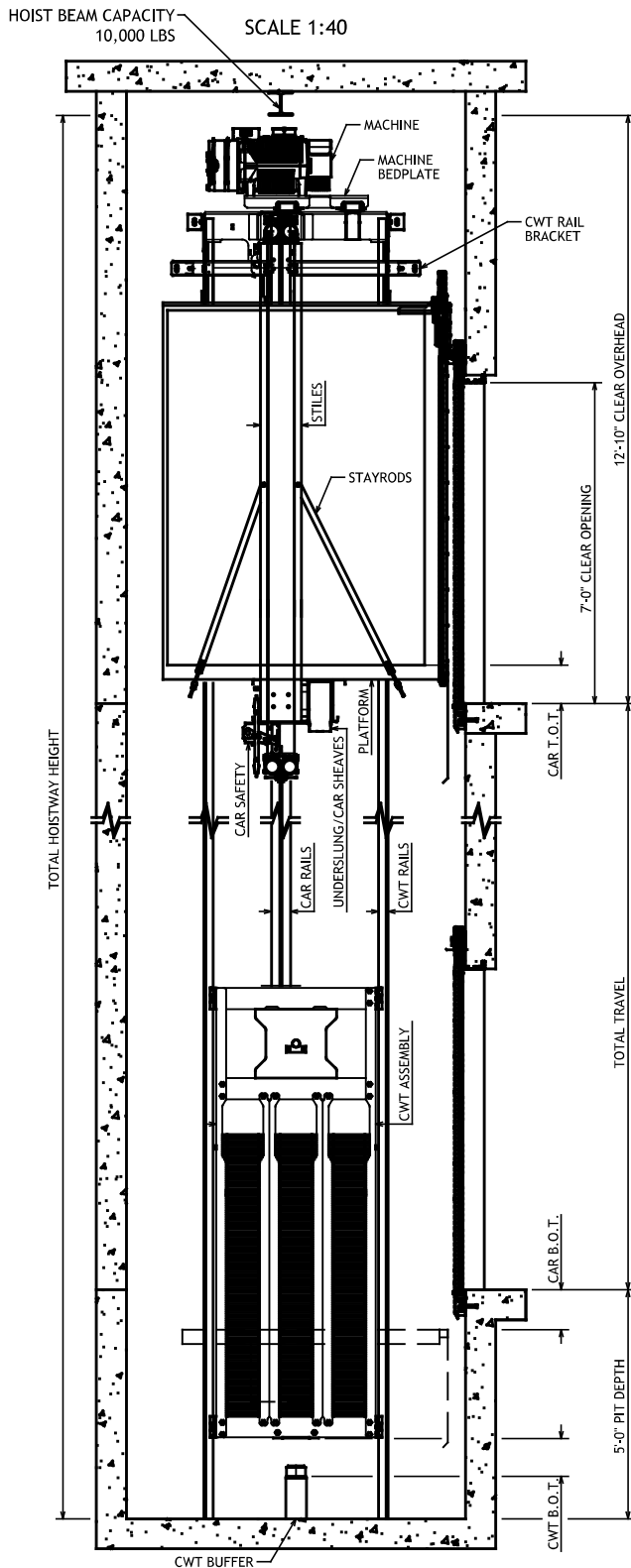
ALLIANCE
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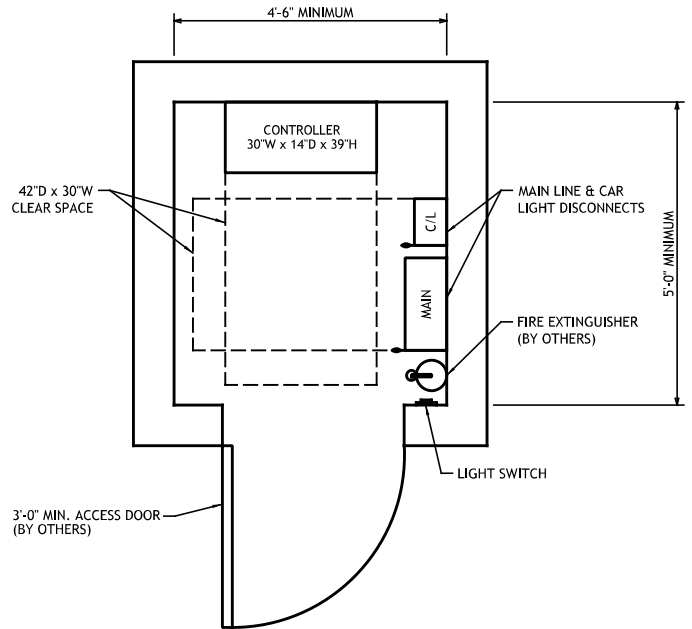
2 OF 4

2025



SECTION "A-A"

NOT FOR CONSTRUCTION

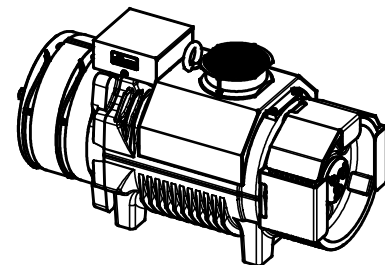


CONTROLLER ROOM

3/4 SCALE

NOTES

1. CONTROLLER ROOM LOCATED ADJACENT TO HOISTWAY AT TOP LANDING.
2. NOTE REQUIRED ELECTRICAL CLEARANCES IN CONTROLLER ROOM.
3. PIT DEPTH & OVERHEAD SET UP TO ACCOMMODATE ALL REQUIRED CARTOP & PIT CLEARANCES AROUND THE CAR PER ASME A17.1 SECTION 2.4.
4. MACHINE BEDPLATE MOUNTS ABOVE CWT RAILS (RIGHT SIDE OF HOISTWAY).



SG53NAF

MACHINE

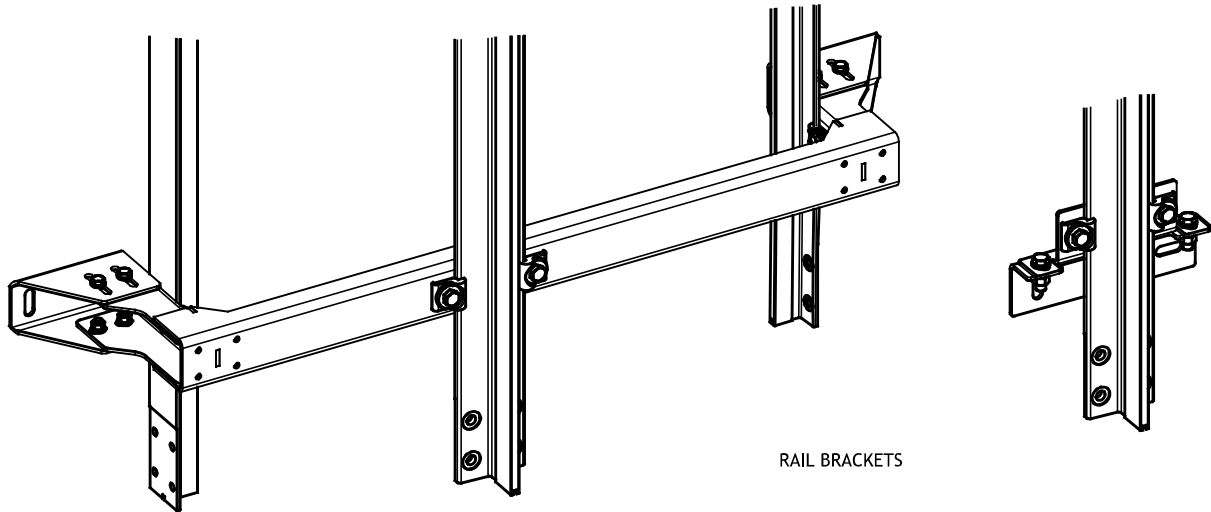
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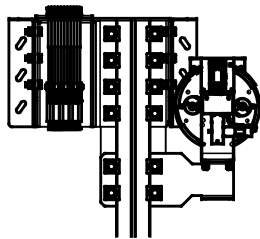
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3 OF 4

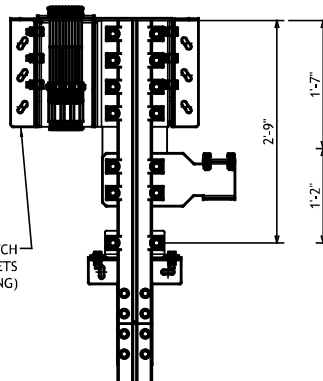
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OVERSPEED GOVERNOR POSITIONING

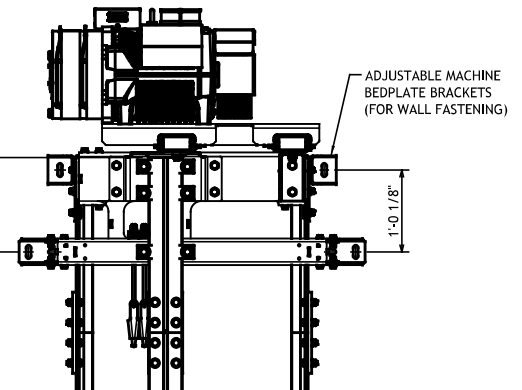


HITCH PLATE WALL FASTENING



ADJUSTABLE HITCH
PLATE BRACKETS
(FOR WALL FASTENING)

MACHINE BEAM WALL FASTENING



TOP BRACKET	
VARIES	...
...	...
...	3RD BRACKET
8'-0"	2ND BRACKET
8'-0"	1ST BRACKET
2'-6"	PIT FLOOR
TOTAL	

EXAMPLE RAIL BRACKET ELEVATION TABLE

NOTES

1. FIRST RAIL BRACKET IS PLACED 2'-6" ABOVE PIT FLOOR.
2. EVERY RAIL BRACKET AFTER THAT SHALL BE PLACED IN 8' INCREMENTS.
3. TOP-MOST RAIL BRACKETS SHOWN ABOVE IN MACHINE & HITCH PLATE MOUNTING DETAILS.
4. RAIL BRACKET SPACING SUBJECT TO CHANGE BASED ON FIELD CONDITIONS OR PROJECT REQUIREMENTS. THESE DRAWINGS ARE NOT FOR CONSTRUCTION.
5. STRUCTURAL SUPPORT REQUIRED FOR ADJUSTABLE MACHINE BEDPLATE BRACKETS & ADJUSTABLE HITCH PLATE BRACKETS TO FASTEN TO WALL (IF DRYWALL HOISTWAY). BOTH BRACKETS CALLED OUT IN ABOVE DETAILS.

TYP. RAIL BRACKET LOCATIONS
EDGESL
NOT FOR CONSTRUCTION

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