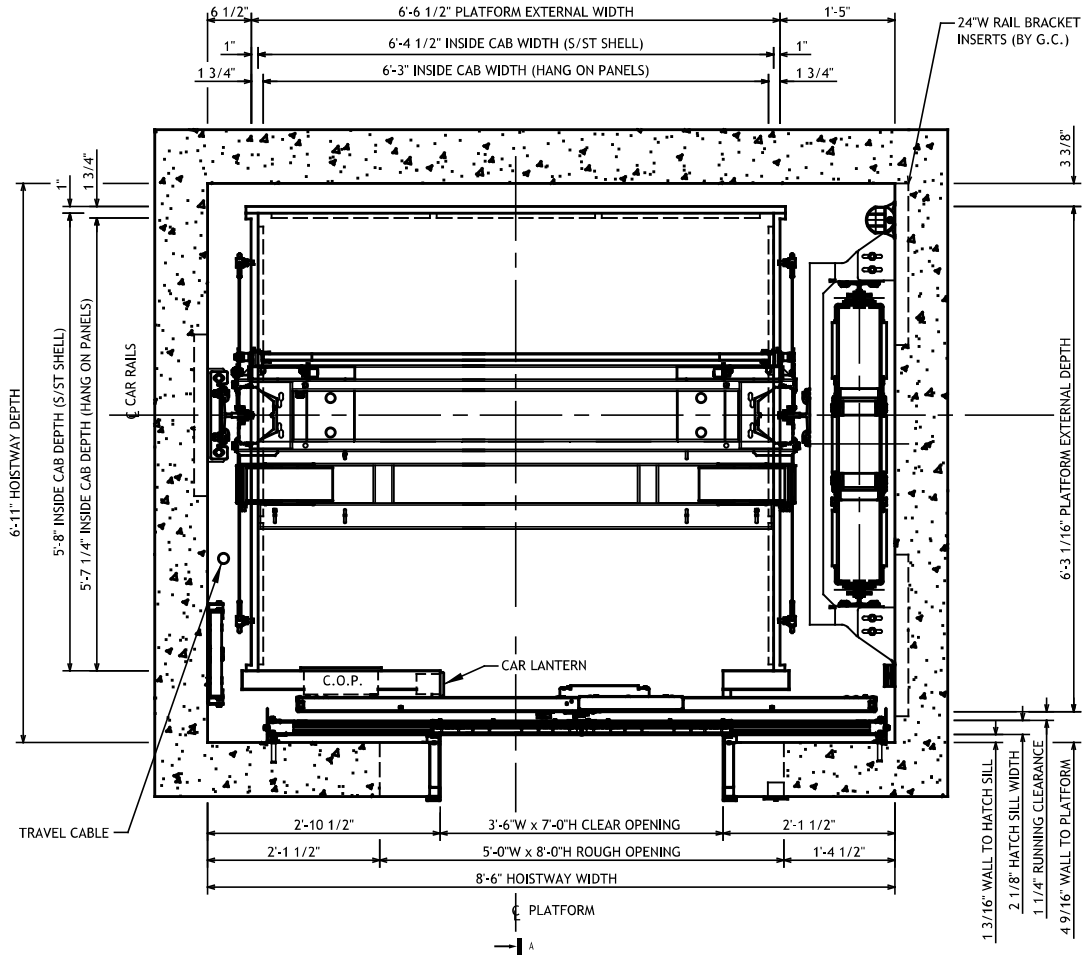


SCALE 1:20



MACHINE DATA			
MACHINE TYPE	LOW VOLTAGE		HIGH VOLTAGE
MACHINE MODEL	SG58NAF		
BUILDING VOLTAGE	208	240	480
MACHINE VOLTAGE	208	208	360
BUILDING FLA	52	45	24
MACHINE FLA	47	47	29
MOTOR HP	12.70	12.70	12.70

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 24" x 84" GURNEY COMPLIANT.

HOISTWAY PLAN

GEARLESS RAIL SUPPORTED MRL
3500 LB SSC0 FRONT
EDGESL

NOT FOR CONSTRUCTION

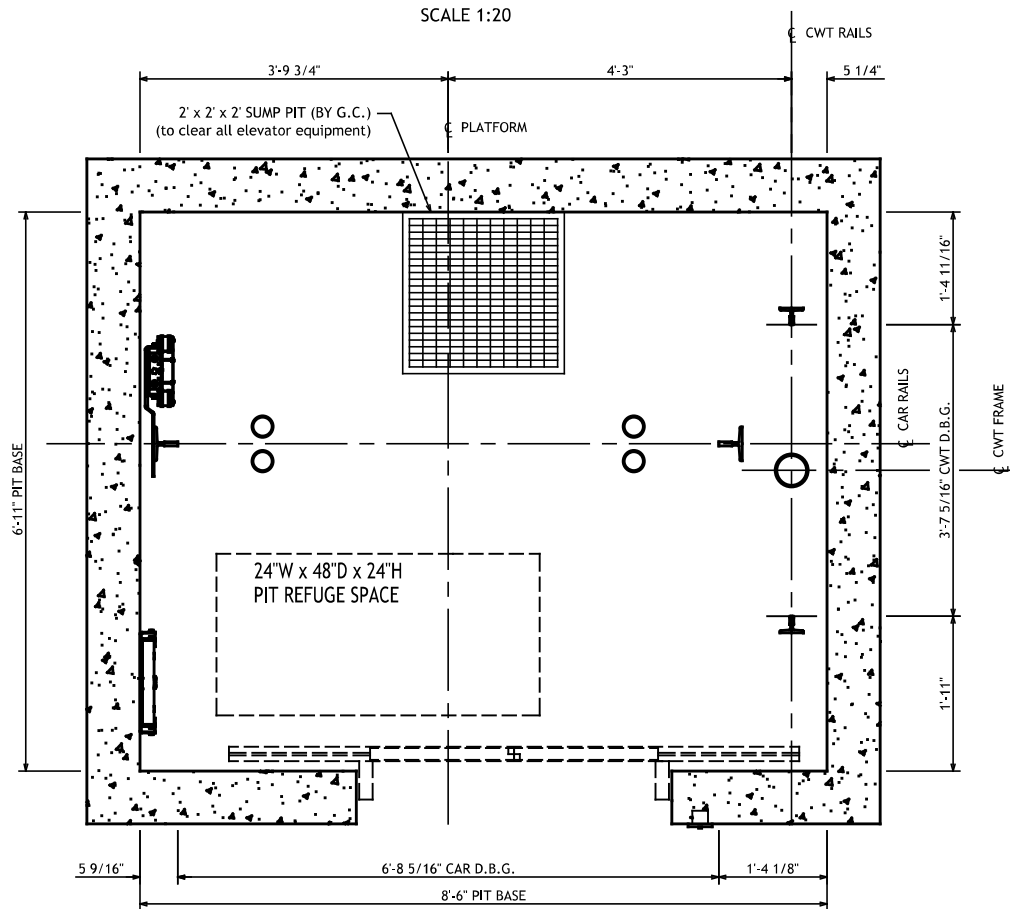
ALLIANCE
ELEVATOR SOLUTIONS

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GREENCASTLE, PA 17225

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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
3500 LB SSC0 FRONT
EDGESL

NOT FOR CONSTRUCTION

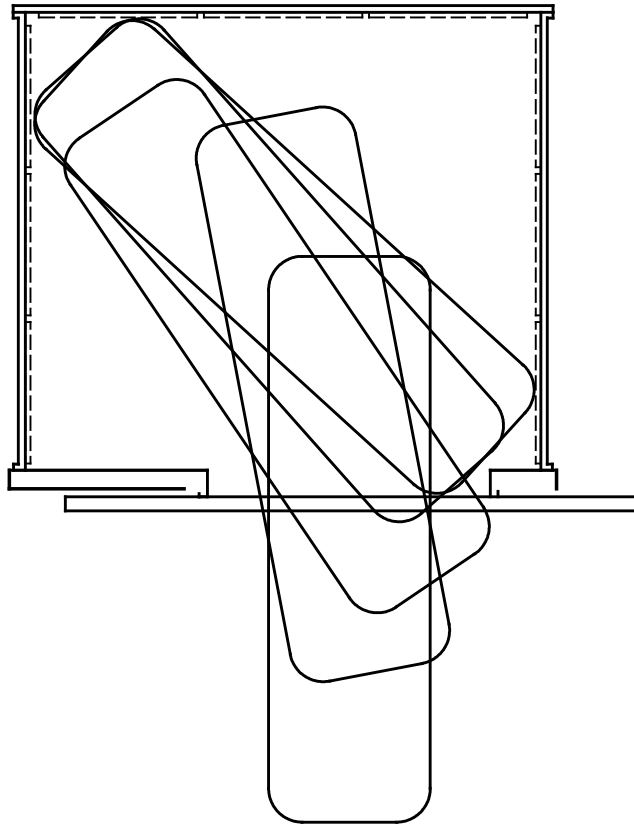
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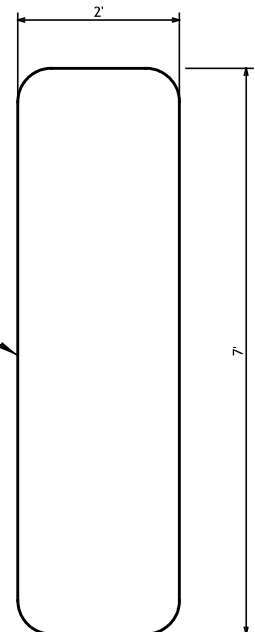
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24" x 84" STRETCHER IN THE OPEN,
HORIZONTAL POSITION W/ 5"
RADIUS CORNERS



GURNEY COMPLIANCE

GEARLESS RAIL SUPPORTED MRL
3500 LB SSC0 FRONT
EDGESL

NOT FOR CONSTRUCTION

ALLIANCE

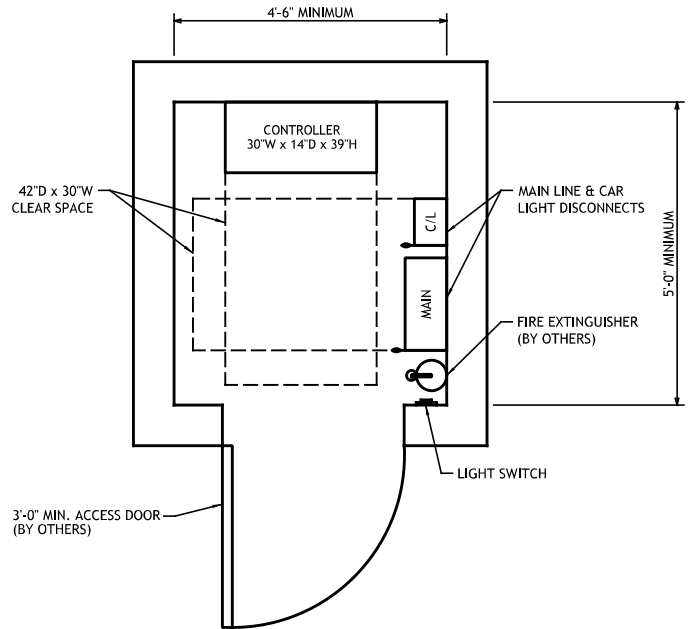
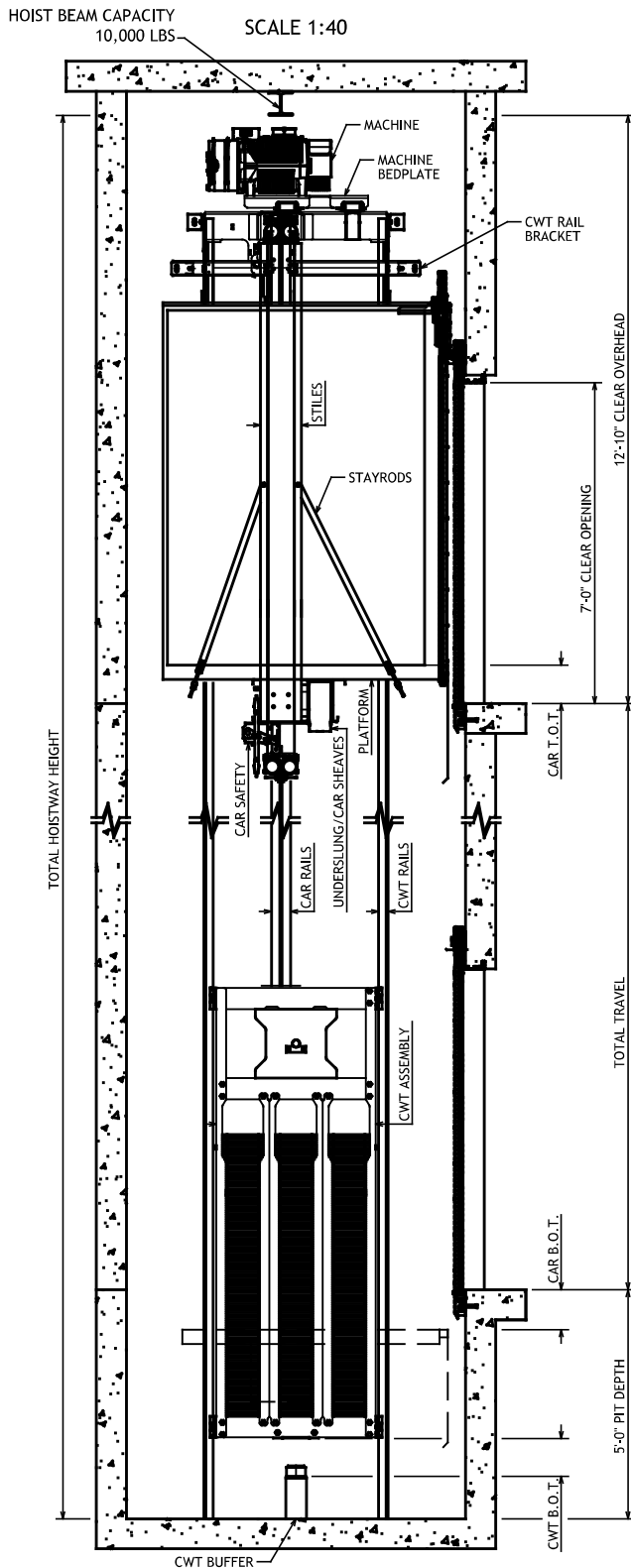
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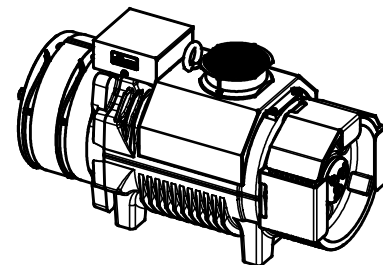


CONTROLLER ROOM

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).



SG58NAF

MACHINE

SECTION "A-A"

NOT FOR CONSTRUCTION

ALLIANCE

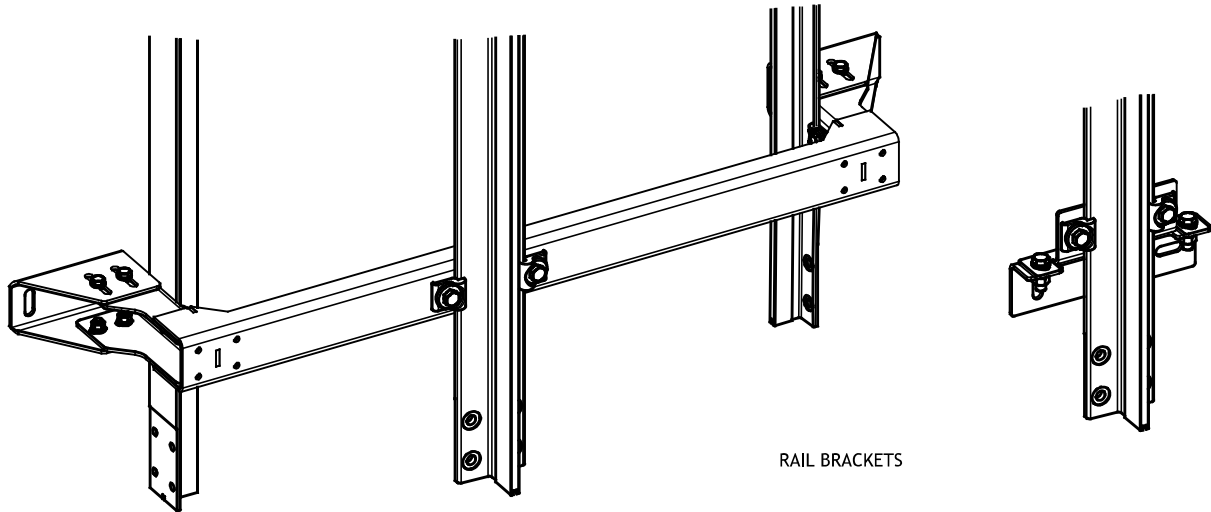
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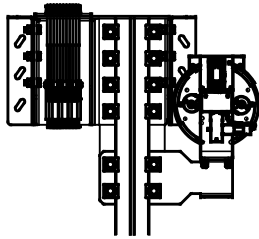
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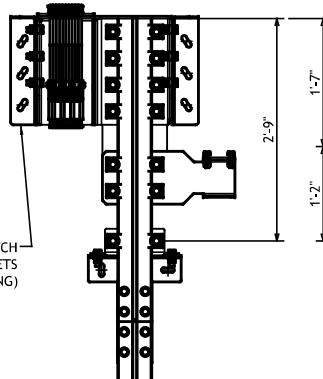


RAIL BRACKETS

OVERSPEED GOVERNOR POSITIONING

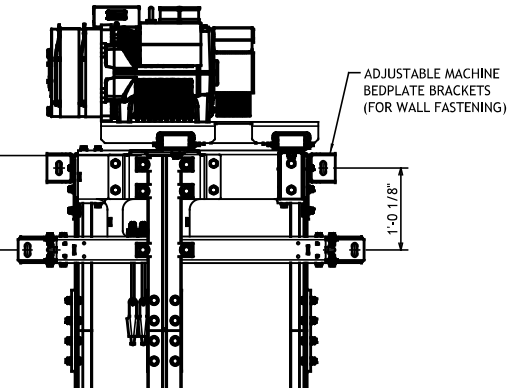


HITCH PLATE WALL FASTENING



ADJUSTABLE HITCH
PLATE BRACKETS
(FOR WALL FASTENING)

MACHINE BEAM WALL FASTENING



ADJUSTABLE MACHINE
BEDPLATE BRACKETS
(FOR 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
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