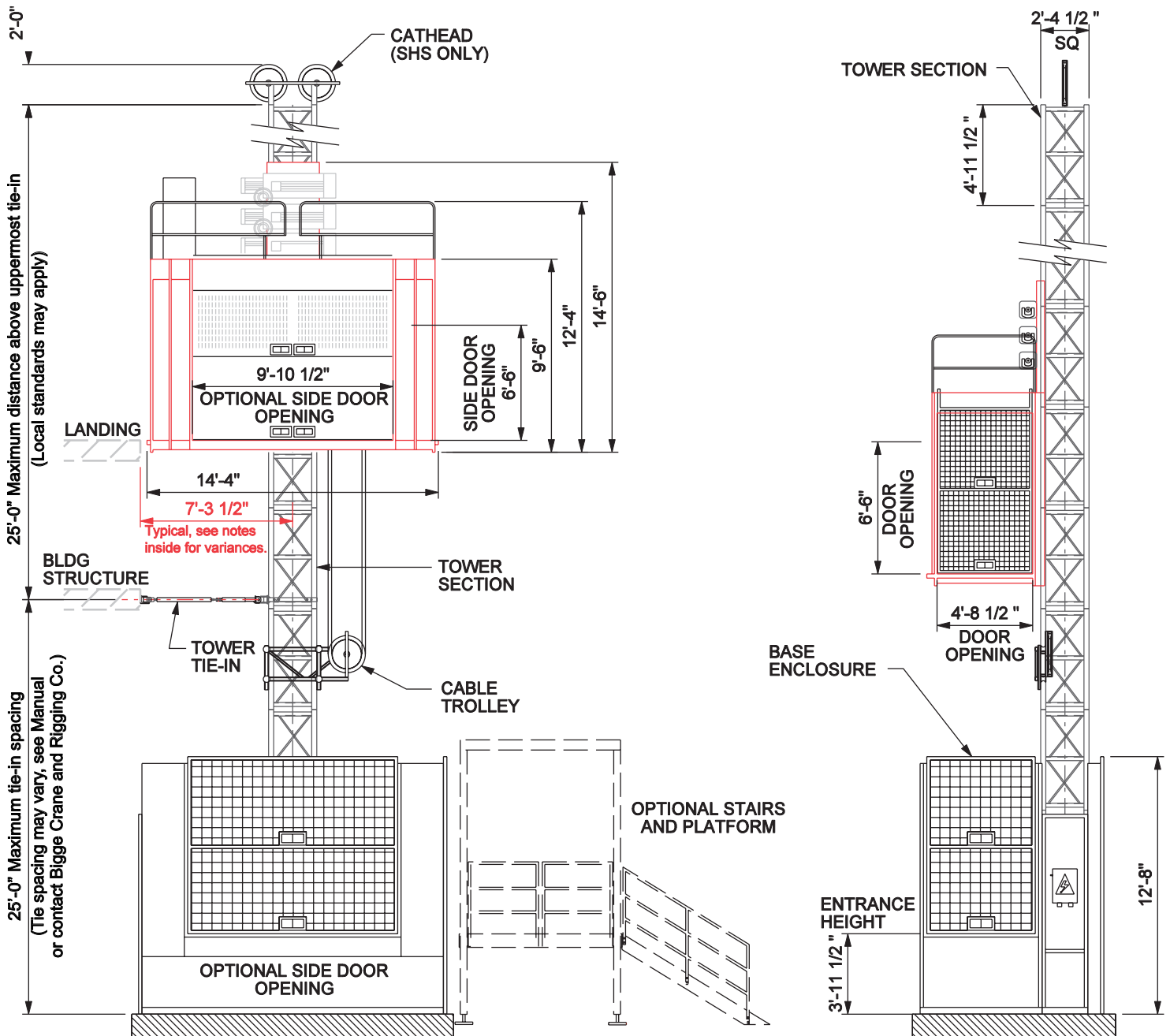
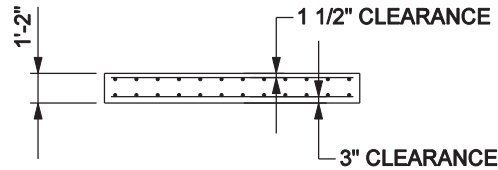
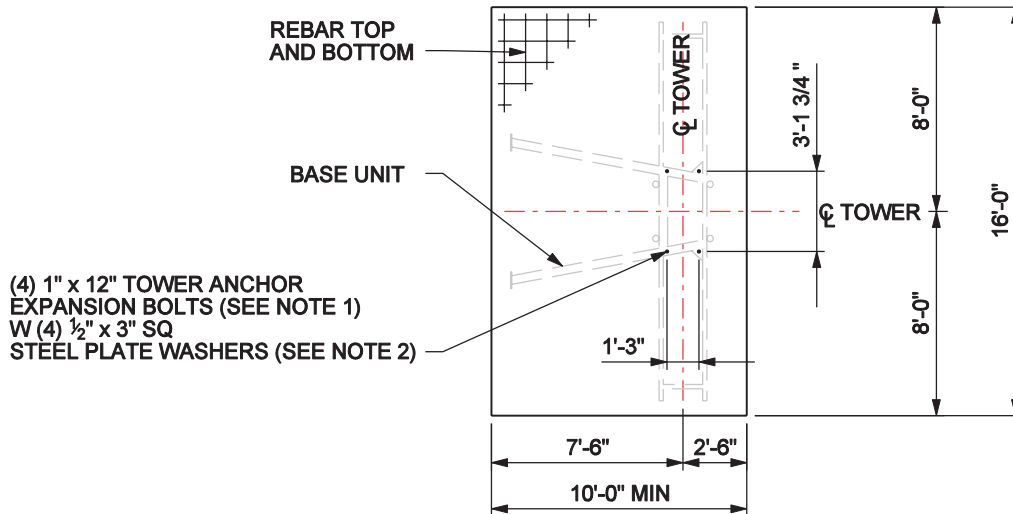


# HERCULES F7000 SHS - SLS





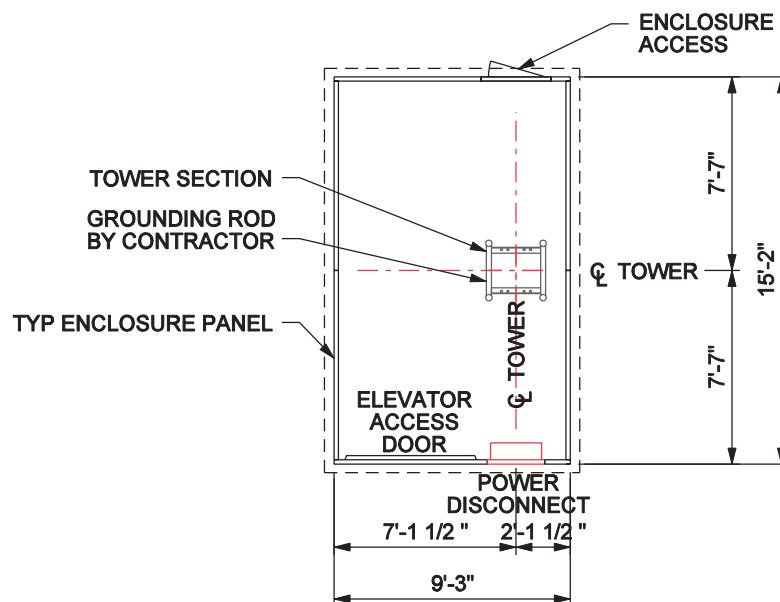
FOUNDATION ELEVATION VIEW



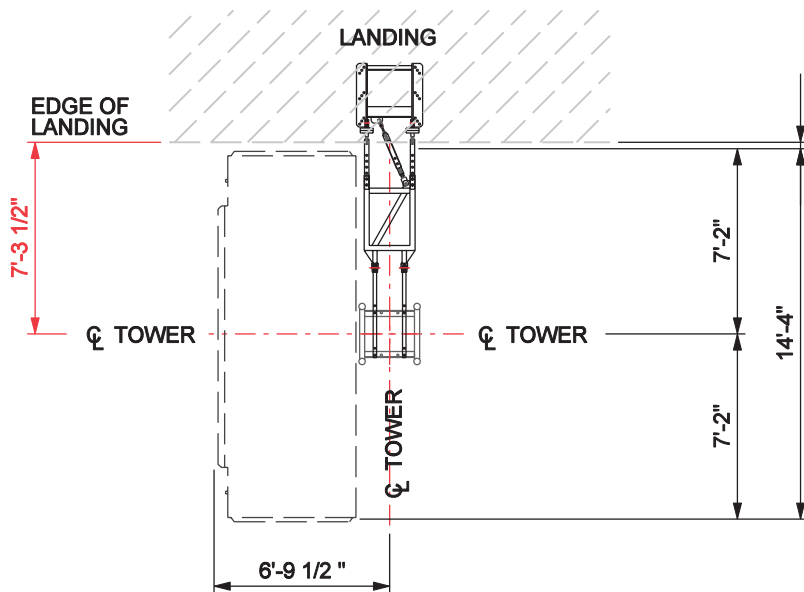
FOUNDATION PLAN VIEW

NOTES:

- 1" x 12" HILTI Kwik Bolt II anchor bolt or approved equal. Bolt by contractor. Install according to bolt manufacturer's requirements
- Foundation slab: 10'-0" x 16'-0" x 1'-2" with 3,500 psi concrete.
- Reinforcing bars are #5 ASTM 615-60 10" o.c. each way.
- Foundation based on 490 foot mast height. For greater heights contact Bigge Crane and Rigging Co. for design.
- Foundation pad designed for a minimum soil bearing of 1,000 psf.
- Refer to manufacturers manual before installing, operating, servicing, repairing, jumping or dismantling.

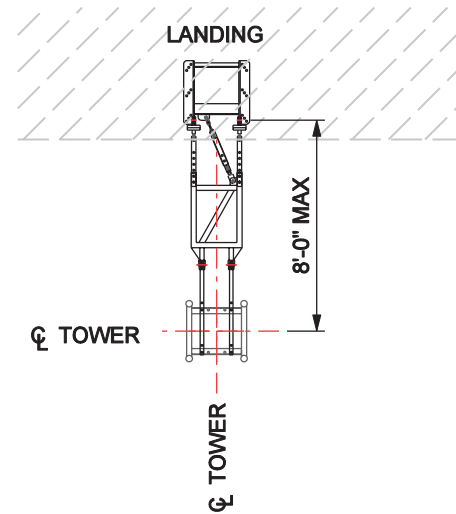


GROUND ENCLOSURE PLAN VIEW



TIE-IN PLAN VIEW

**IMPORTANT!**  
ANSI A10.4 11.3 specifies a 1/2" (min) to 2 1/2" (max) clearance between car platform sill and landing sill. Verify before installing to assure compliance with appropriate standards, codes and regulations.



FLOOR MOUNT TIE-IN PLAN VIEW

**NOTE:**  
Distances above are for typical type 4 tie-in. Alternate anchoring methods are available. Contact Bigge Crane and Rigging Co. for information.

### MODEL VARIATIONS

F 7000 SLS (WITHOUT COUNTERWEIGHT)  
F 7000 SHS (WITH COUNTERWEIGHT)

150 FPM (LOW SPEED)  
315 FPM (HIGH SPEED)

### GENERAL

LOAD CAPACITY  
INSIDE ELEVATOR CAR DIMENSIONS  
DOOR OPENING (END)  
OPTIONAL SIDE DOOR OPENING  
TOWER SECTION LENGTH  
MAXIMUM TOWER HEIGHT  
MAXIMUM TOWER TIE-IN SPACING

7,000 lb (PER CAR)  
4'-10" wide x 7'-9" high x 13'-9" long  
4'-8 1/2" x 6'-6"  
9'-10 1/2" x 6'-6"  
4'-11 1/2"  
490'-0" (For greater heights consult Bigge Crane and Rigging)  
25'-0"

### WEIGHTS

GROUND ENCLOSURE  
BASE UNIT  
ELEVATOR CAR  
COUNTERWEIGHT (SHS ONLY)  
TOWER SECTION (8 mm)  
CATHEAD (SHS ONLY)  
TIE-IN (TYPE 4)

1,980 lb  
1,200 lb  
7,880 lb  
4,400 lb each  
510 lb  
265 lb  
212 lb per set

### ELECTRICAL

POWER REQUIREMENT (PER CAR)  
MOTORS (PER CAR)

480 VOLT - 150 AMPS - 3 PHASE - 60 HZ  
3 x 30 HP

### SAFETY FEATURES

- Electronic and mechanical door interlocks on elevator cars and ground enclosure unit.
- Overload device to prevent elevator operation when rated payload has been exceeded.
- Spring buffer assembly.
- Low speed elevators do not require counterweights.
- Galvanized tower sections and tie-ins.

### DESIGN FEATURES

- Smooth starting and stopping without surging or jarring the elevator car.
- The lifting speed can be easily controlled and is infinitely variable.
- The elevator starting current is lower than the rated current.
- Using the frequency conversion drive greatly reduces mechanical wear and tear on the elevator and its components.
- The frequency conversion drive is more efficient and uses less power.

### INSTALLATION

- For instructions regarding the erection, climbing, dismantling, operation and maintenance of the elevator car refer to the operations manual.
- This product must be operated by competent personnel that have been orientated with the operator's manual, understand the operating and maintenance procedures in that manual, and will operate the hoist in a safe manner to conform with the manufacturers specifications and in compliance with all federal, state, standards and regulations.
- Drawings are for illustrative purposes only and do not necessarily show the exact configurations of products offered on the market at a particular time.

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