

FEATURES

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 and medium 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, orientated personnel and used 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.

SUN CRANE AND HOIST Company not only owns and maintains one of the largest elevator fleets in the United States, but also exclusively offers the Hercules elevators. Hercules elevators are the newest, fastest, highest capacity of counterweightless elevators available in America.

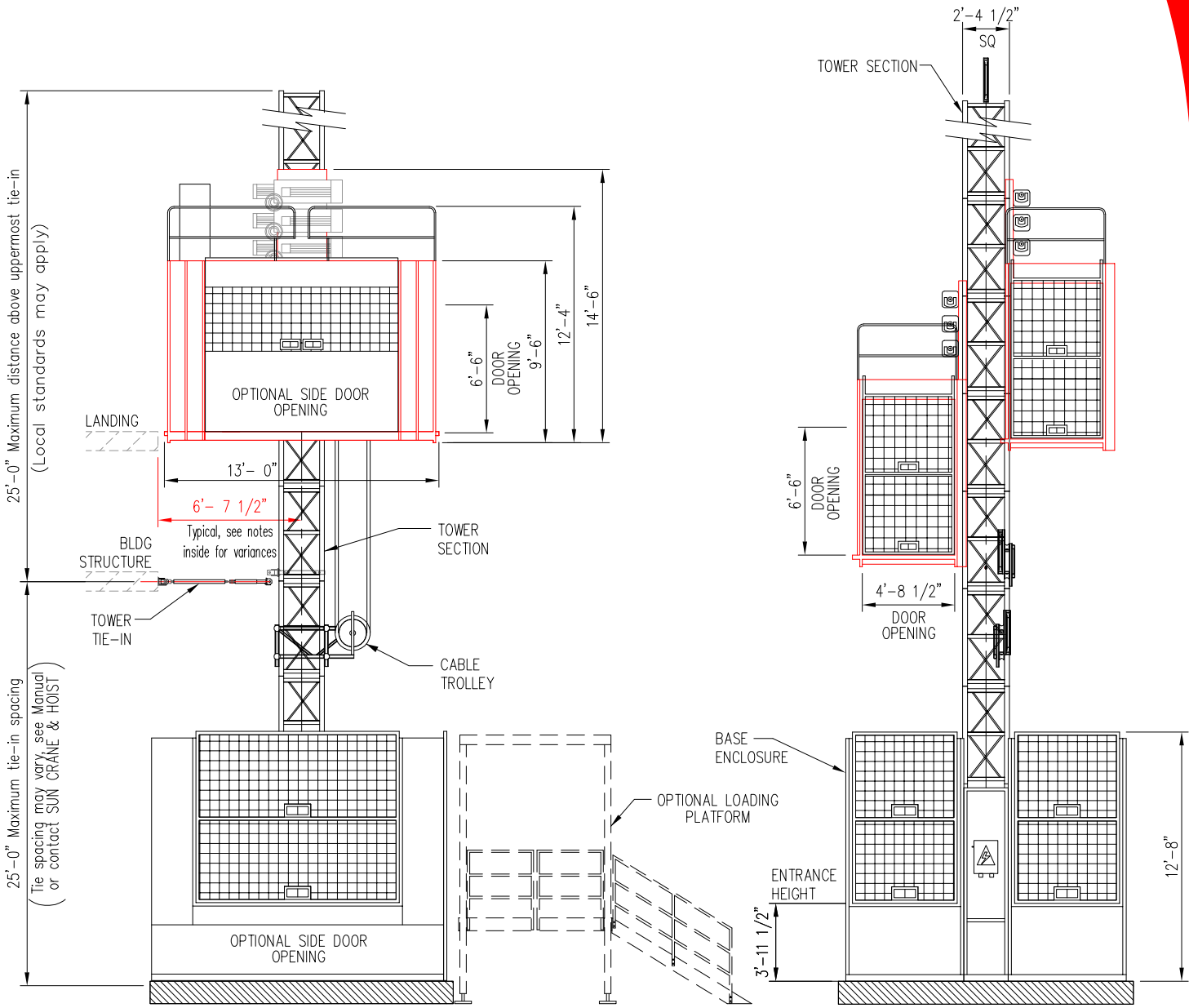
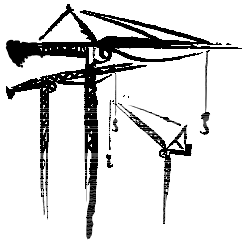
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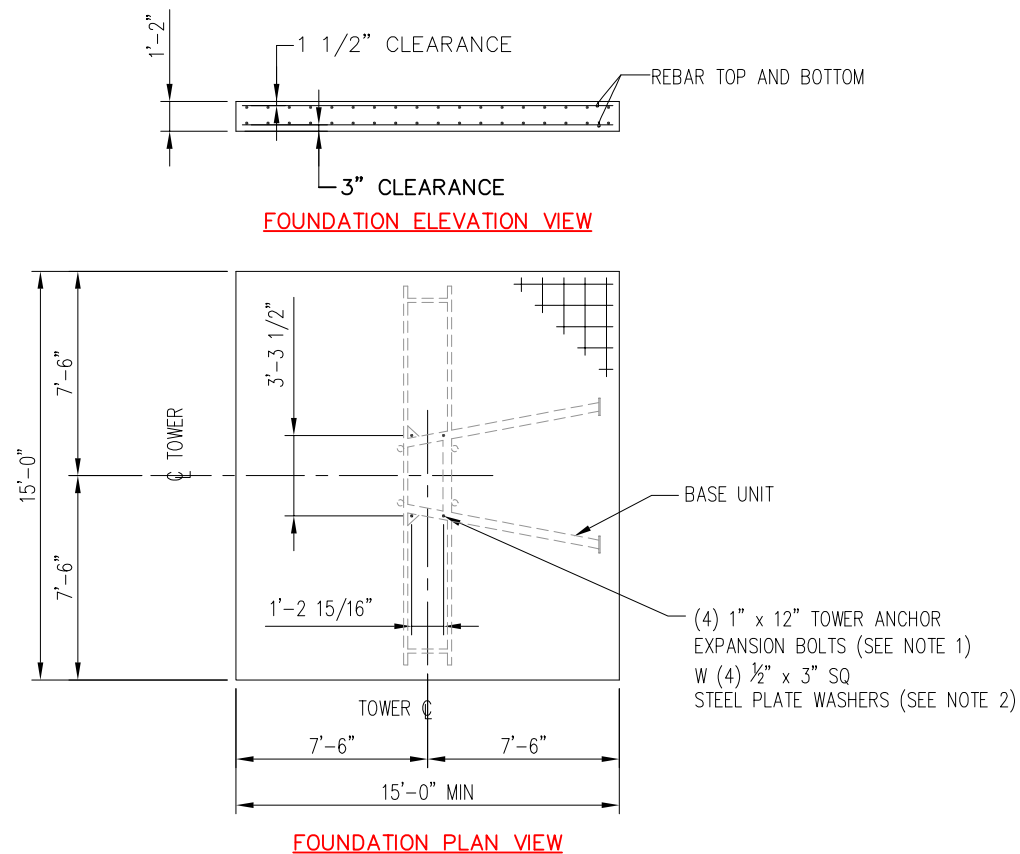
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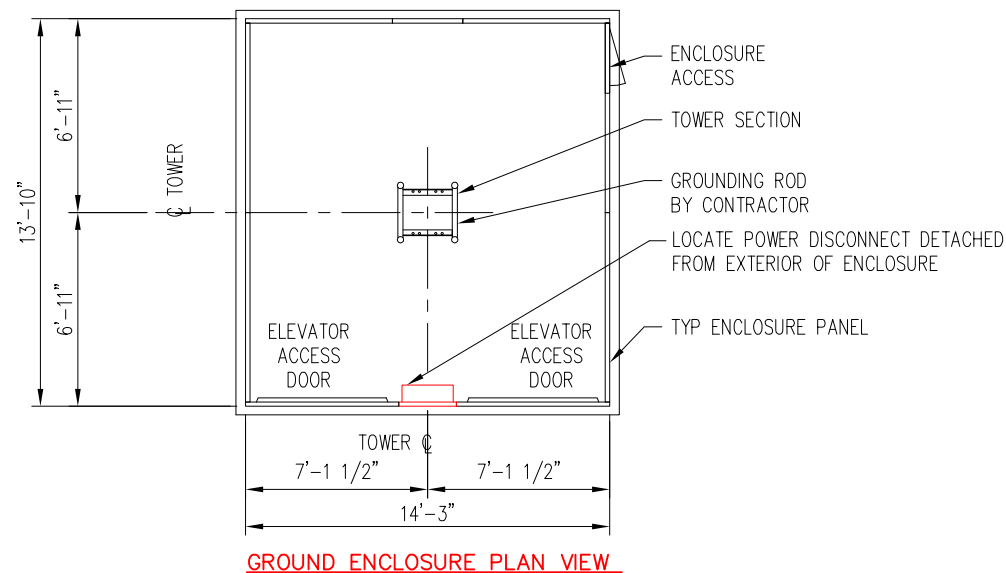


Foundation Details

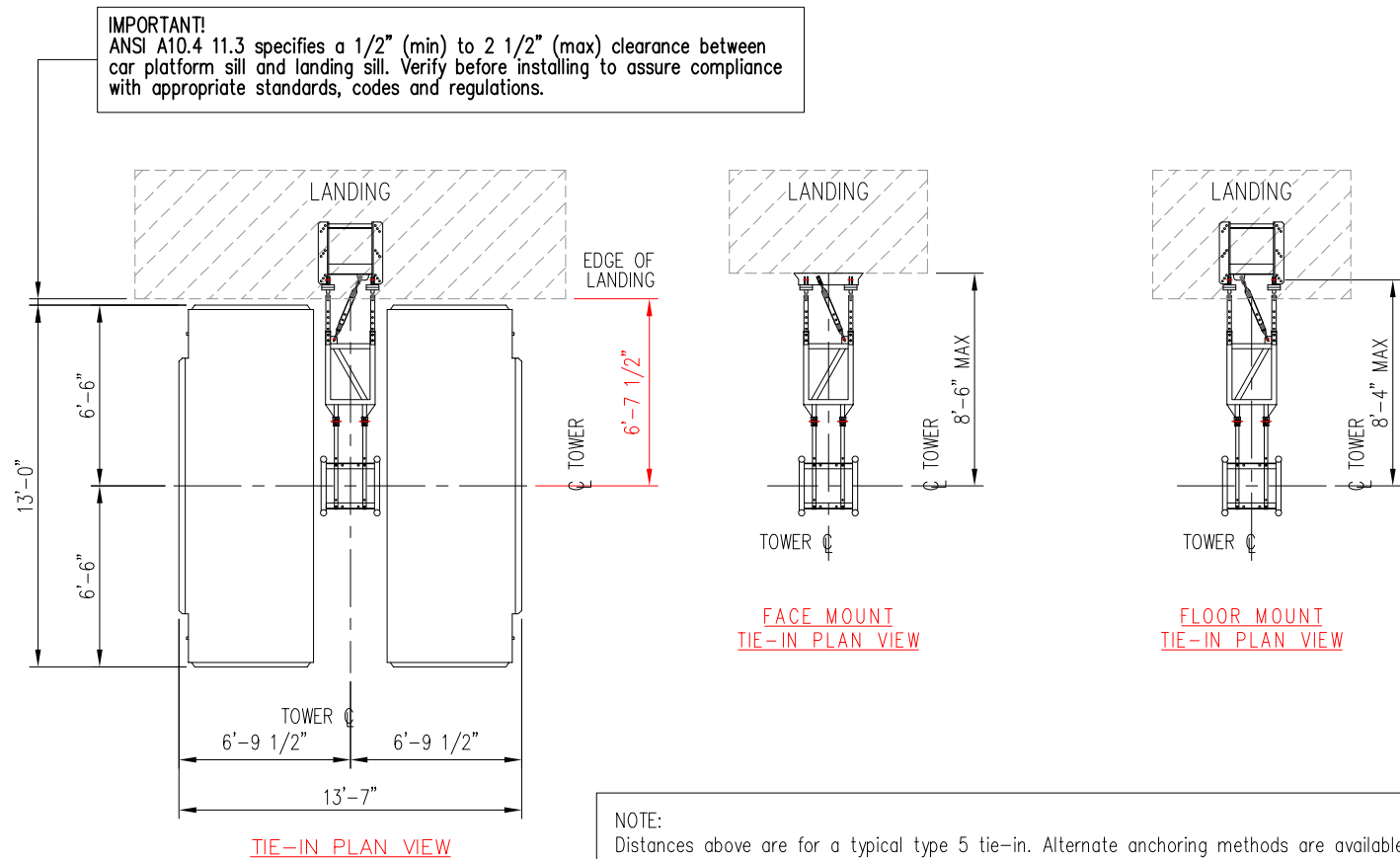


NOTES:

- 1" x 12" HILTI Kwik Bolt II anchor bolt or approved equal. Bolt by contractor. Install according to bolt manufacturer's requirements.
- Foundation slab: 15'-0" x 15'-0" x 1'-2" with 3,500 psi concrete.
- Reinforcing bars are #5 ASTM 615-60 10" o.c. each way, top and bottom.
- Foundation based on 490 foot mast height. For greater heights contact SUN CRANE AND HOIST 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.



Tie-In Details



NOTE:
Distances above are for a typical type 5 tie-in. Alternate anchoring methods are available. Contact SUN CRANE AND HOIST for information.

MODEL VARIATIONS

F6000 DLS

150 FPM

GENERAL

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

6,000 lb (PER CAR)
4'-10" wide x 7'-9" high x 12'-3" long
4'-8 1/2" x 6'-6"
4'-11 1/2"
490'-0" (For greater heights consult SUN CRANE AND HOIST)
25'-0"

WEIGHTS

GROUND ENCLOSURE
BASE UNIT
ELEVATOR CAR
TOWER SECTION (4.5 mm)
TIE-IN (TYPE 4)

1,980 lb
1,200 lb
5,880 lb
465 lb
212 lb per set

ELECTRICAL

POWER REQUIREMENTS (PER CAR)
MOTORS (PER CAR)

480 VOLTS - 150 AMPS PER HOIST - 3 PHASE - 60 HZ
3 x 30 HP