

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.
- Optional side door for loading bulky material

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.

Lewis Crane and Hoist Inc., 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.

At Lewis Crane and Hoist Inc., we believe that our business is not only equipment but also service. Because of this belief, Lewis Crane and Hoist Inc., offers services for all rigging, mechanical, electrical and engineering needs. We make it our business to ensure that the services we offer are far superior to any of our competitors because we understand that your project is only as good as the equipment used to build it.

Additional Equipment and Services Available

- Moritsch Tower Cranes
- Comedil Tower Cranes
- Peiner Tower Cranes
- Sun Tower Cranes
- Comansa Tower Cranes
- Timberland Derricks
- Hardrock Elevators
- Hercules Elevators
- Stros Elevators
- Specialized Rigging
- Technical Services
- Third Party Inspections
- Parts and Repair Services
- Erection and Dismantlement Services

*Due to product improvement specifications are subject to change without notice.

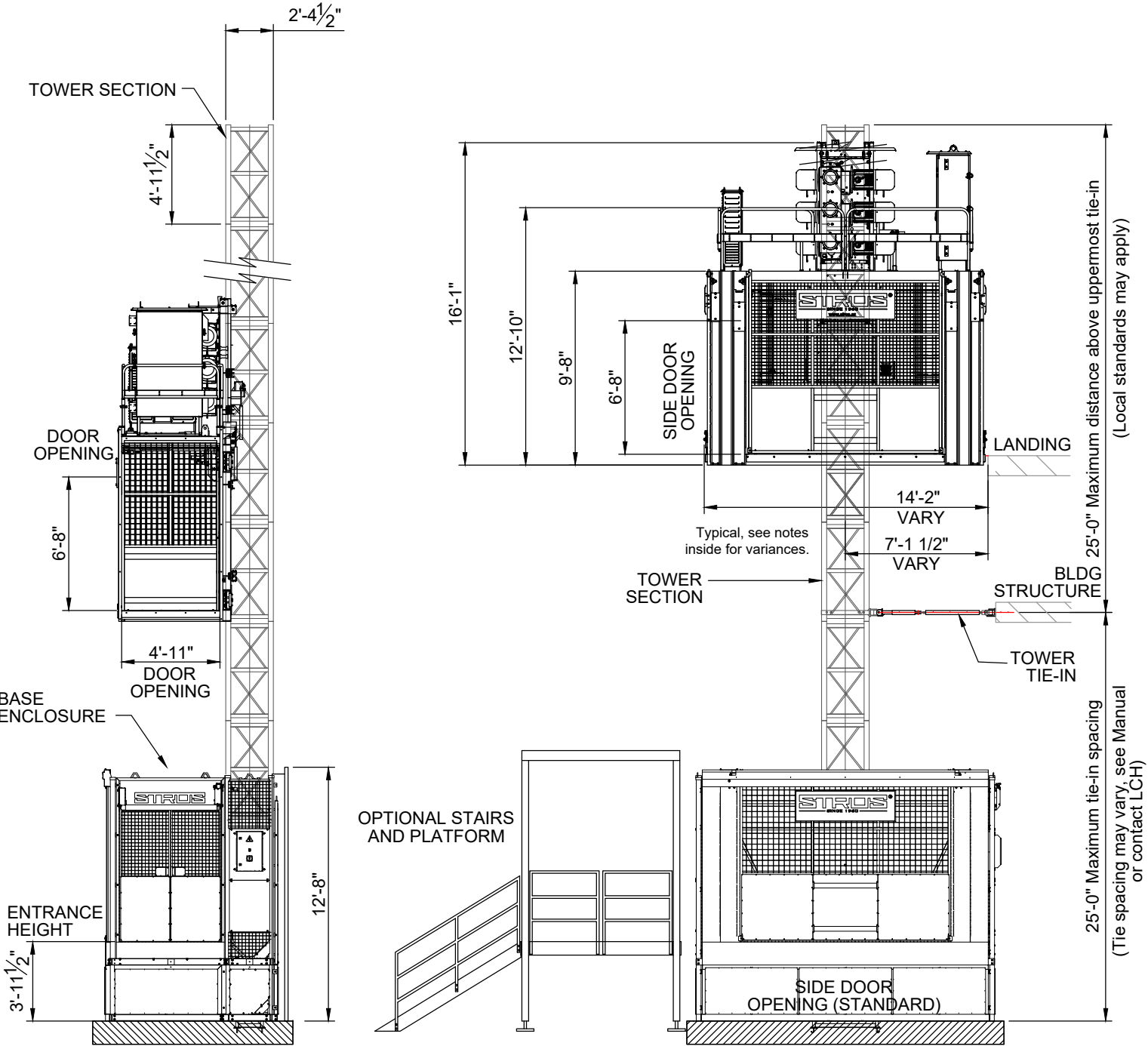
EQUIPMENT RENTALS - SALES- 24 HOUR SERVICE - YARD STORAGE & TRANSFERS - REGIONAL SERVICE

2214 FM 1187, SUITE 1
MANSFIELD, TX 76063
OFFICE: 817-225-1090 FAX: 817-225-1095

STROS 3238W
DUAL CAR



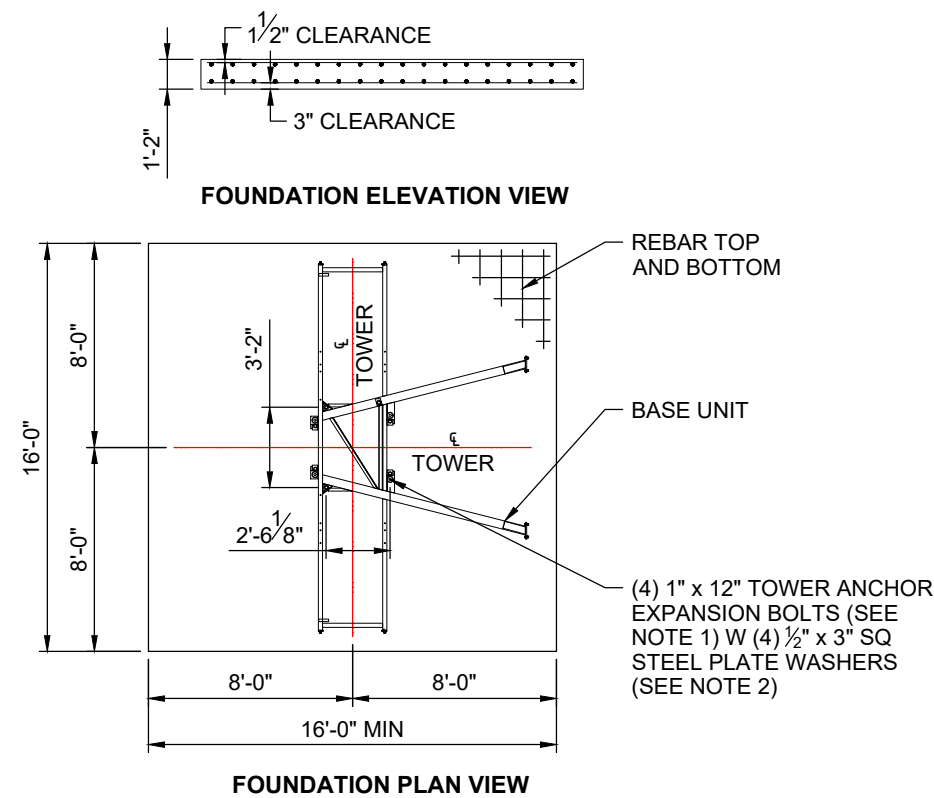
STROS 3238W
DUAL CAR



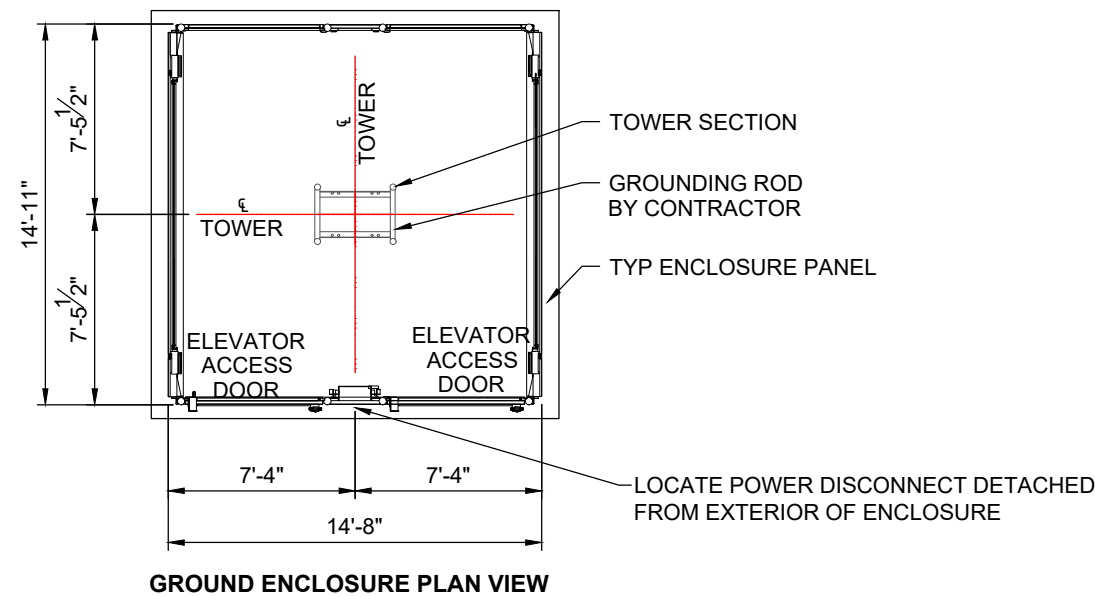
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FOUNDATION DETAILS

STROS 3238W
DUAL CAR

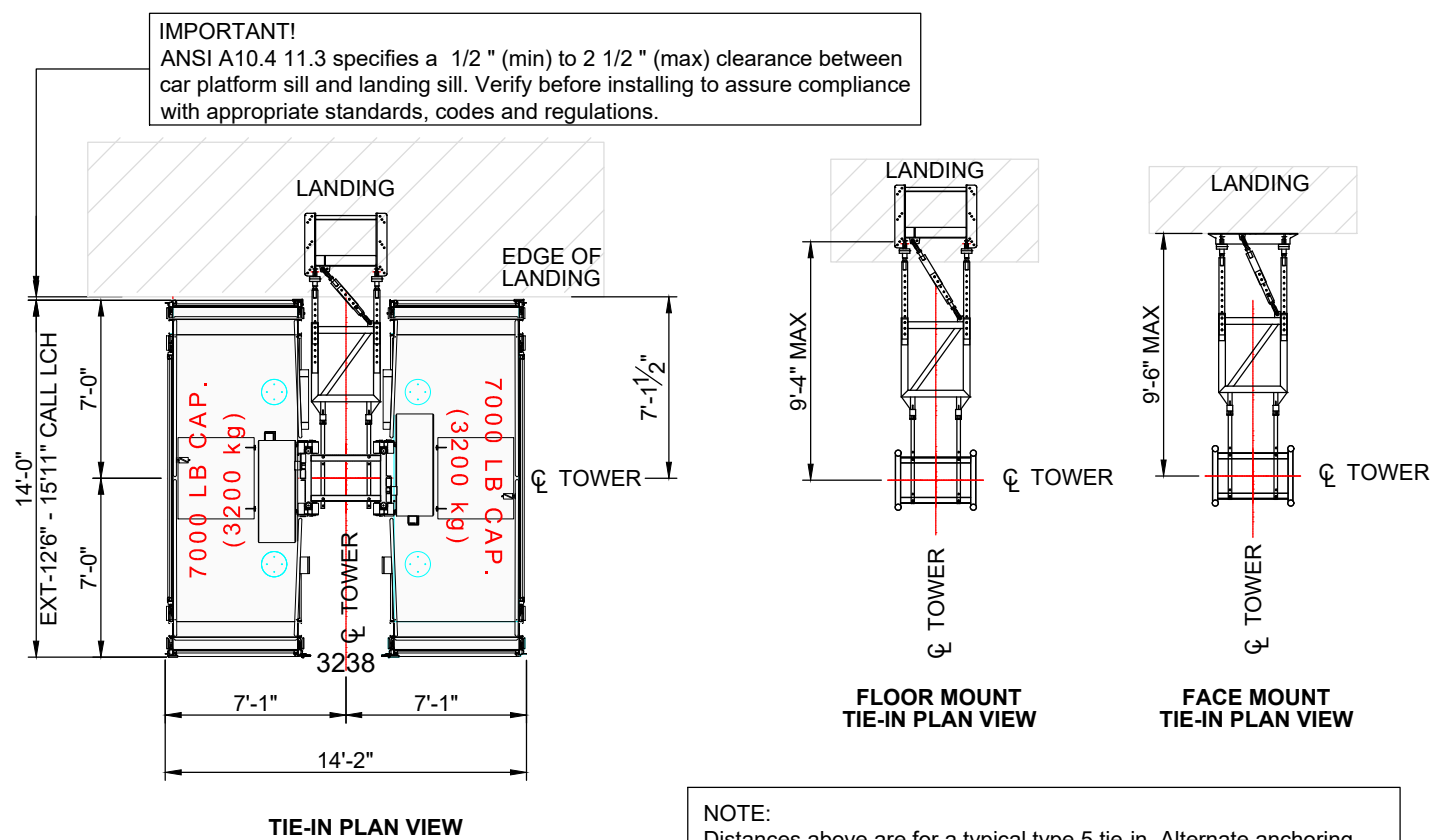


- NOTES:
- 1. 1" x 12" HILTI Kwik Bolt II anchor bolt or approved equal. Bolt by contractor. Install according to bolt manufacturer's requirements.
 - 2. Foundation slab: 16'-0" x 16'-0" x 1'-2" with 3,500 psi concrete.
 - 3. Reinforcing bars are #5 ASTM 615-60 10" o.c. each way.
 - 4. Foundation based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



TIE-IN DETAILS

STROS 3238W
DUAL CAR



NOTE:
Distances above are for a typical type 5 tie-in. Alternate anchoring methods are available. Contact Lewis Crane and Hoist for information.

MODEL VARIATIONS

STROS 3238W DUAL (WITHOUT COUNTERWEIGHT)

230 FPM

GENERAL

LOAD CAPACITY
INSIDE ELEVATOR CAR DIMENSIONS
DOOR OPENING (END)
STANDARD 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'-6" long
4'-8 1/2" x 6'-6"
10'- 6 3/8" x 6'-6"
4'-11 1/2"
490'-0" (For greater heights consult LCH)
25'-0"

WEIGHTS

GROUND ENCLOSURE
BASE UNIT
ELEVATOR CAR
COUNTERWEIGHT (SHS ONLY)
TOWER SECTION (8 mm)
CATHEAD (DHS ONLY)
TIE-IN (TYPE 5)

1,980 lb
1,200 lb
4,850 lb
4,400 lb each
578 lb
820 lb
212 lb per set

ELECTRICAL

POWER REQUIREMENT (PER CAR)
MOTORS (PER CAR)

480 VOLT - 160 AMPS - 3 PHASE - 60 HZ
3 x 15 HP EA.

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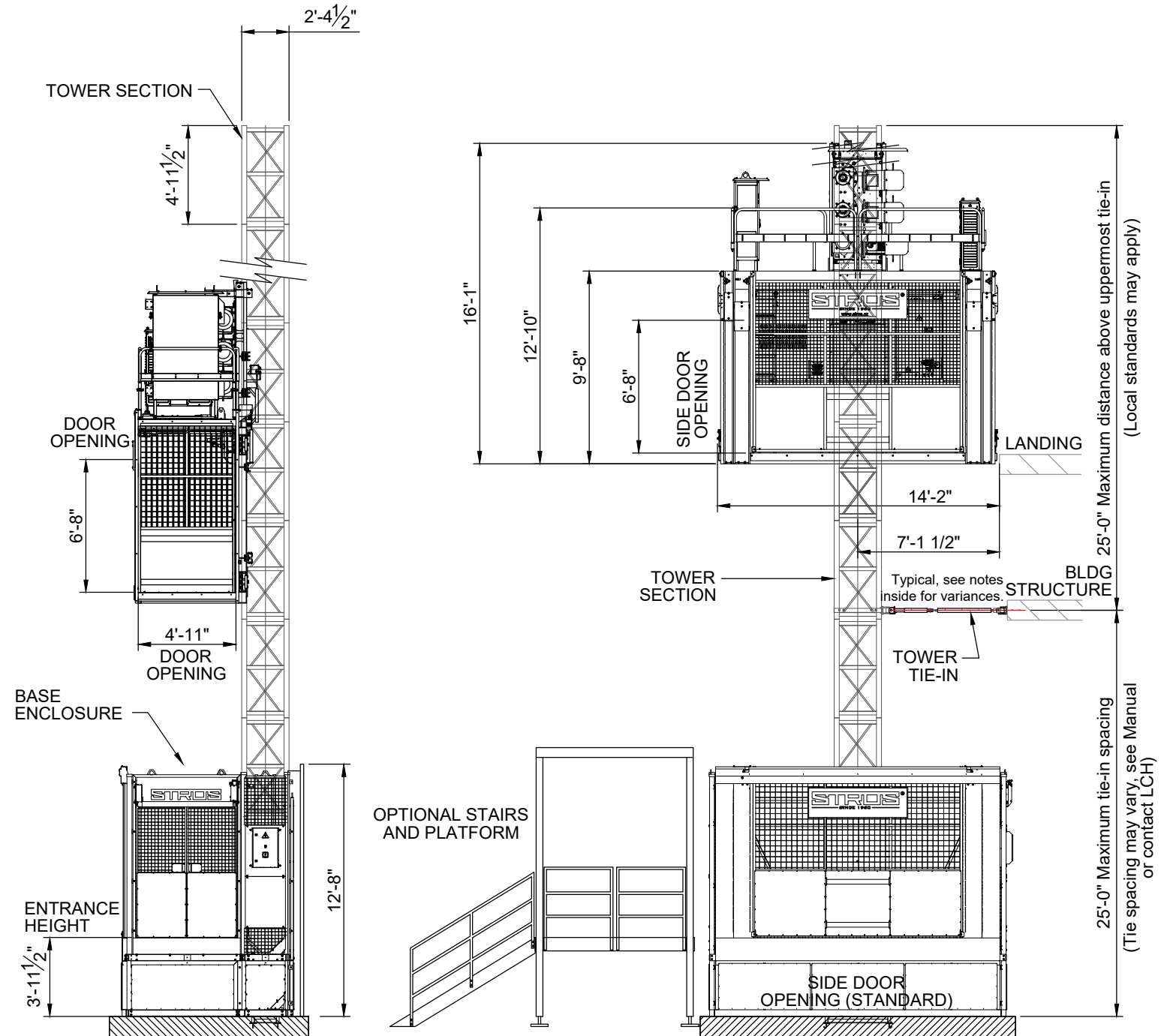
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STROS 3238W SINGLE CAR



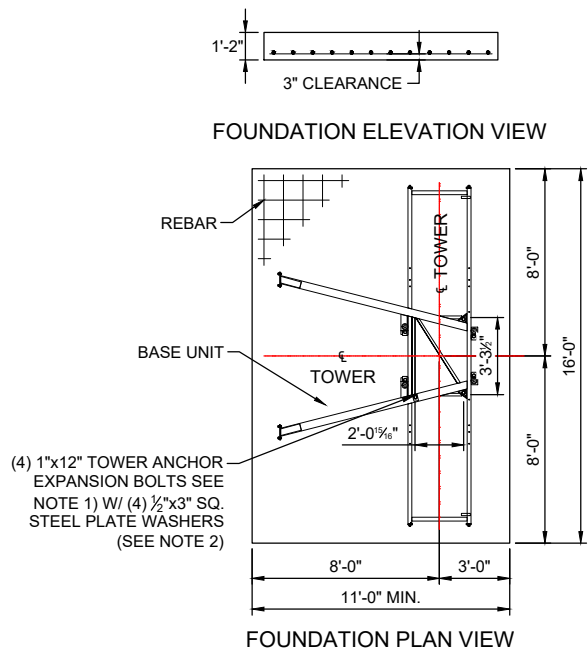
STROS 3238W
SINGLE CAR



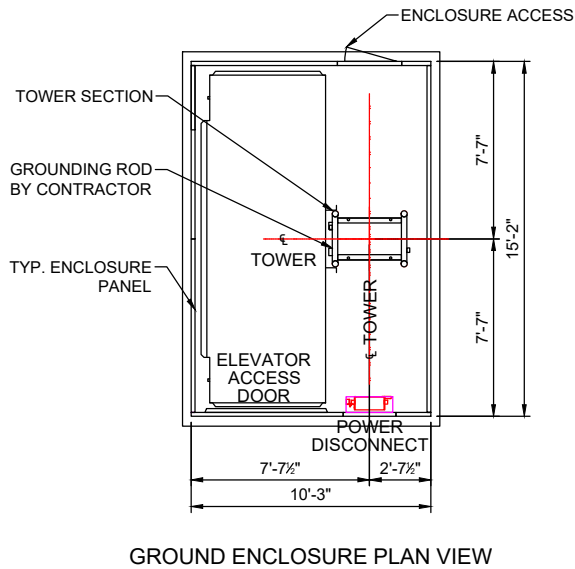
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FOUNDATION DETAILS

STROS 3238W
SINGLE CAR

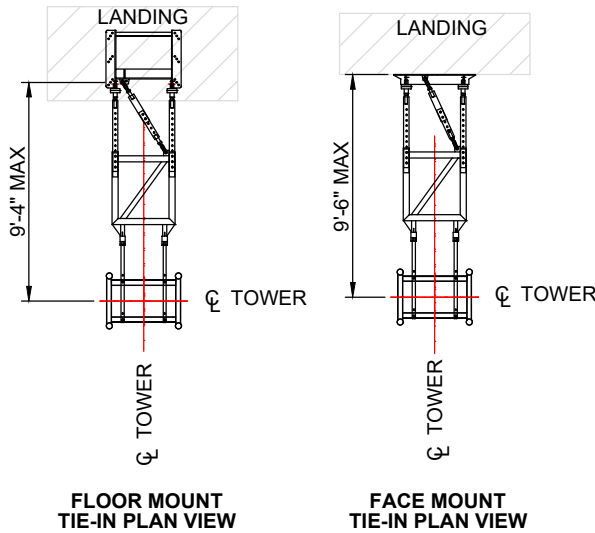
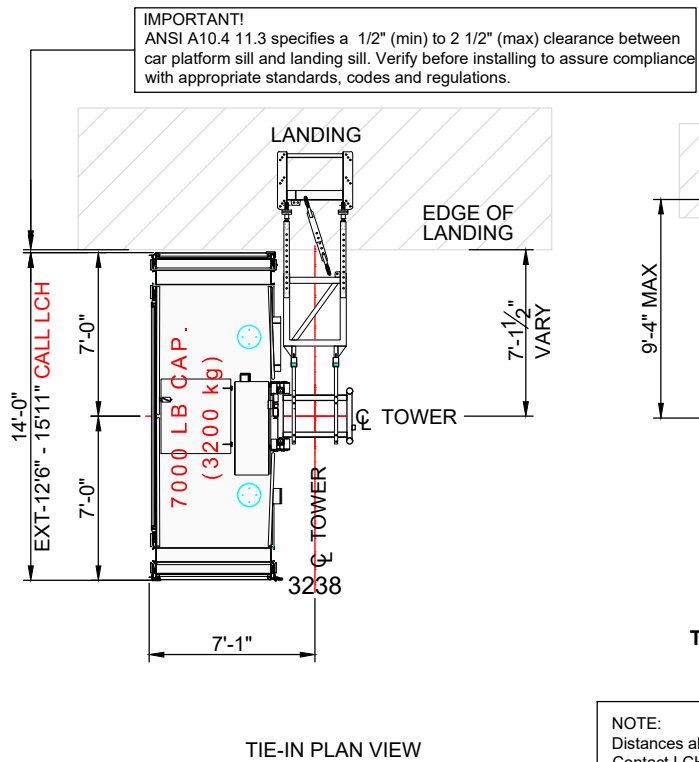


- NOTES:
- 1" x 12" HILTI Kwik Bolt II anchor bolt or approved equal. Bolt by contractor. Install according to bolt manufacturer's requirements.
 - Foundation slab: 11'-0" x 16'-0" x 1'-2" with 3,500 psi concrete.
 - Reinforcing bars are #5 ASTM 615-60 10" o.c. each way.
 - Foundation based on 490 foot mast height. For greater heights contact Lewis 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

STROS 3238W
SINGLE CAR



NOTE:
Distances above are for typical type "5" tie-in. Alternate anchoring methods are available. Contact LCH for information.

MODEL VARIATIONS

STROS 3238W SINGLE

230 FPM

GENERAL

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

7,000 lb (PER CAR)
4'-11" wide x 8'-1/2" high x 12'-6" - 15'-11" length.
4'-9" x 6'-8"
9'-7 3/4" x 6'-8"
4'-11 1/2"
490'-0" (For greater heights consult LCH)
25'-0" (For greater spacing consult w/LCH)

WEIGHTS

GROUND ENCLOSURE
BASE UNIT
ELEVATOR CAR
COUNTERWEIGHT (SHS ONLY)
TOWER SECTION (8 mm)
CATHEAD (SHS ONLY)
TIE-IN (TYPE 5)

1,980 lb
1,200 lb
4,850 lb
4,400 lb each
578 lb
265 lb
212 lb per set

ELECTRICAL

POWER REQUIREMENT (PER CAR)
MOTORS (PER CAR)

480 VOLT - 175 AMPS - 3 PHASE - 60 HZ
3 x 20 HP