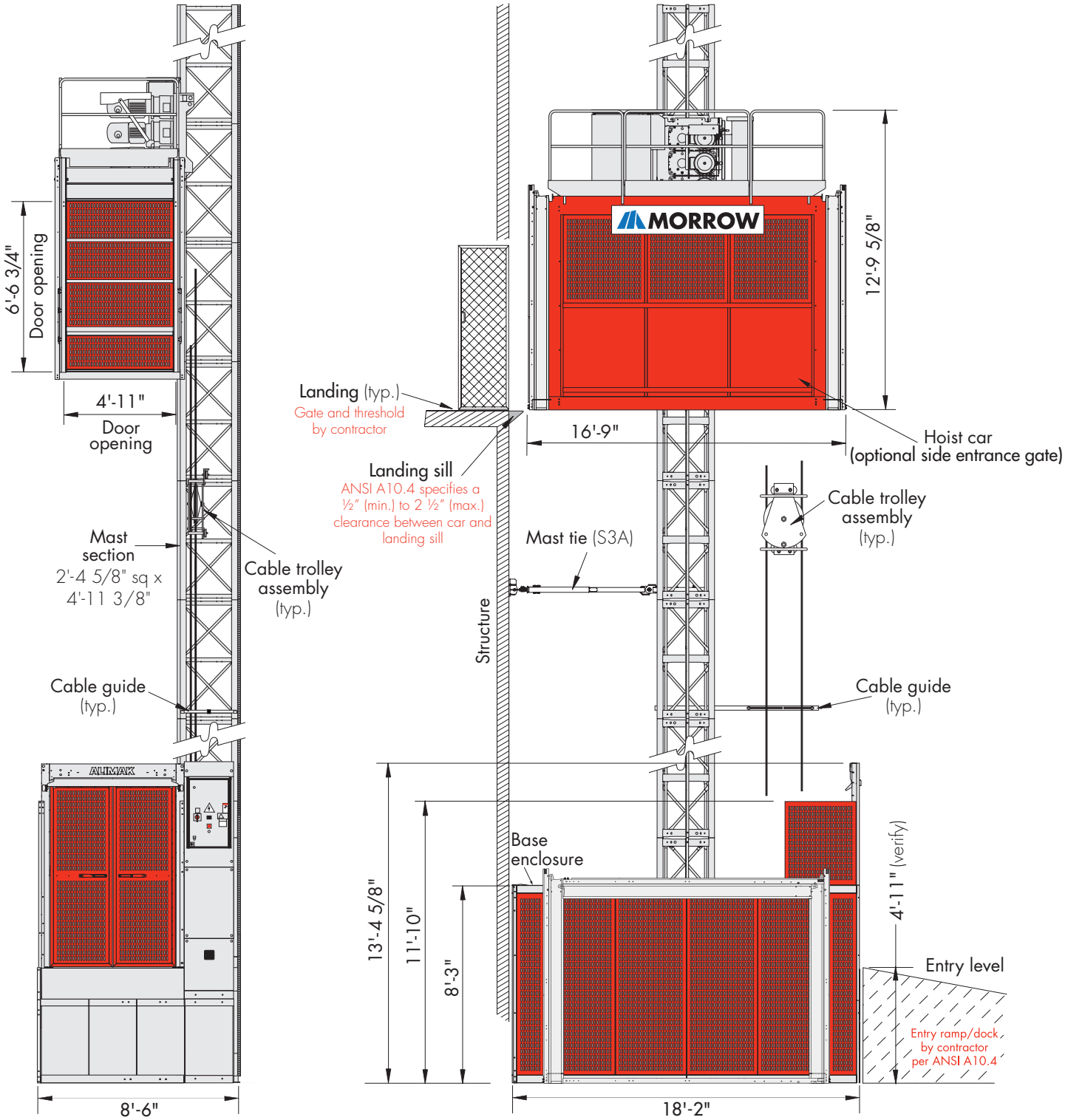
Alimak FC 6800-16 HS

Model 650 FC-S 31/50 Hi-Speed Single Car Construction Hoist



SPECIFICATIONS

Meets the Requirements of ANSI A10.4

GENERAL

Max. load capacity[1] ..... 7,000 lbs
Max. freestanding mast height[2] ..... 30'-0"
Max. untied mast overhang[3] ..... 30'-0"
Max. mast tie spacing[3] ..... 30'-0"
Minimum mast tie spacing[3] ..... 19'-8"
Max. standard lifting height[4] ..... 820'
Number of passengers 34
Car inside dimensions (approx.) ..... 16'-5" x 4'-11" x 7'-6 ½"
Side gate opening (if equipped) ..... 6'-6 3/4" x 10'-6"
Mast section length ..... 4'-11 3/8"
Speed ..... Up to 328 fpm

[1] Maximum capacity of 7,000 lbs to a lifting height of 820'. Contact Morrow Equipment for specific capacities at greater lifting heights.
[2] Requires use of an embedded foundation frame in lieu of mast anchor expansion bolts. See operation manual or contact Morrow engineering for specific information. Foundation anchorage provided by customer.
[3] Maximum untied mast overhang and mast tie spacing dimensions vary subject to installation conditions, manufacturer specifications, and regulatory compliance. See manufacturer data or contact Morrow Equipment for specific information.
[4] Greater lifting heights are available. Contact Morrow Equipment for specific information.

WEIGHTS

Base enclosure (without car) ..... 2,646 lbs
Base enclosure (with one car) ..... 7,010 lbs
Motorpack (3 x 30 hp) ..... 2,650 lbs
Hoist car (with motorpack) ..... 6,615 lbs
Mast section (single rack) ..... 254 lbs

ELECTRIC POWER

480 V phase–phase, 277 V each phase to ground with 120° phase shift between phases. 3-phase, 60 Hz power supply plus ground wire. Do not use Open-Delta supply.

Motors (VFD) ..... 3 x 30 hp (22 kW)
Power supply fuses ..... 160 Amps
Starting current ..... 153 Amps
Power consumption ..... 111 kVA

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