

AME CRE ELEVATOR

General: All work under this heading shall be in strict adherence with these specifications and with ANSI A17.1, Part 25. Elevator Safety Code. Equipment shall be furnished by American Crescent Elevator Mfg. Corp.

Furnish and install one ACE roped Hydraulic Elevator:

Capacity 1400 lbs.

Speed: 30 fpm.

Travel: ___ft.-___in.

Landings Served: ___openings at front ___Rear.

Power Supply: 230 volt—single phase—60 Hz.

Car: ___" wide x ___" deep x 84" high.

Cab to be: Traditional

The car shall be supported by a structural steel sling, furnished with an instantaneous broken rope safety device, guided by four roller guide shoes. One stainless steel handrail, push-button control panel and electric alarm device shall be provided.

Car Doors and Entrances: For power operation, one door shall be furnished for each opening. Doors shall be 1 1/2" hour B-Labeled. Power operated two speed commercial doors with power door operator will supplied.

Power Unit: Shall consist of a submersible motor directly coupled to a constant displacement rotary screw pump, oil reservoir, 2-speed control valve and ball valve shut-off. The control valve shall be adjustable, pressure compensating, and include a safety check valve, high pressure relief valve, manual lowering valve and continuous duty solenoids. The Power Unit shall be located adjacent to the hoistway at the lowest landing.

Guide Rails: Shall be two steel members with smooth splices, located on one side of the hoistway to accurately guide the car and piston, secured to the hoistway wall by suitable brackets and hardware.

SPECIFICATIONS FOR LULA ELEVATORS

Control: Shall be momentary pressure, Single Automatic call/dispatch type, micro-processor based. The car shall be called via a single "Call" button at each floor, or dispatched from the car station. The car station shall contain labeled pushbuttons for each floor served, and emergency "Stop" button, an "Alarm" button, and a car light switch. Should power to the controller be interrupted, the car may be run via battery power to the next lowest floor. The controller shall be mounted in a steel cabinet with a hinged door in close proximity to the power unit, include a starter sized for the power supply and current draw, and provide overcurrent protection. All electrical safety devices shall directly remove power from the motor.

Cables: Shall be two 10mm diameter, 8 x 19 traction steel, each with ultimate strength of 8200 lbs.

Plunger: The plunger shall be accurately ground and polished seamless steel. The bottom of the plunger shall be fitted with a heavy steel bulk head welded in place and provided with a suitable extended edge to provide a positive stop.

Cylinder: The cylinder shall be machined from steel pipe with a machined flange at the upper end and a heavy steel bulkhead welded in the lower end. Top of cylinder shall be fitted with an air bleeder and return line.

Door Locks: Combination unit system contact and lock shall be furnished for each hoistway entrance. Locking device shall prevent elevator operation unless doors are closed and prevent opening of doors when car is not at landing. (G.A.L. type N door locks)

Hoistway (Work by Others): A suitable hoistway conforming to local building code. A 220 volt, single phase, 60 Hz. Power terminated in a fused disconnect switch, located adjacent to the elevator controller. A separate 115 volt circuit for car lighting to be supplied. Hoistway entrance doors with suitable latch set. Telephone in car



AMERICAN
CRESCENT

ELEVATOR MANUFACTURING

LULA Two Speed Door Operation



AMERICA'S
L.U.L.A.
LIFT

ESTABLISHED 1985

310 STEPHENS ST.

PICAYUNE MS 39466

Toll Free: 800-748-9711

Phone: 601-798-9392 Fax: 601-798-9444

www.americancrescent.com

