

## ELECTRICAL OPERATOR ASSEMBLY

1. DOOR FRAMING TOWER ASSEMBLY
2. LEAD EDGE VERTICAL WEATHERSEALS ARE A BULB TYPE SHEET RUBBER EPDM (ETHYLENE, PROPYLENE, DIENE, TERPOLYMER) WITH A RESILIENT URETHANE FOAM CORE
3. EMT ELECTRICAL CONDUIT, WITH ELECTRICAL RACEWAY WIRE WITHIN
4. FORMED ELECTRICAL RECESS PAN ASSEMBLY
5. ELECTRICAL - LOCKABLE - DISCONNECT
6. PRE-WIRED ELECTRICAL CONTROL PANEL ASSEMBLY -TESTED AT THE FACTORY
7. PUSHBUTTON STATION - OPEN AND CLOSE
8. FLEXIBLE ELECTRICAL CONDUIT TO THE OPERATOR ASSEMBLY
9. GEAR REDUCER
10. ELECTRIC BRAKE
11. ELECTRIC MOTOR
12. QUICK DISCONNECT OPERATOR BASE ASSEMBLY
13. MANUAL MECHANICAL DISCONNECT FOR USE IN "NO-POWER" SITUATIONS
14. TOW BAR FOR OPERATING DOORS WITH A TUG IN "NO POWER" SITUATIONS
15. SINGLE ROW ROLLER CHAIN
16. SPUR GEAR/SPROCKET ASSEMBLY
17. DRIVE WHEEL/DRIVE WHEEL HOUSING ASSEMBLY
18. LOCKABLE FLUSH LATCH
19. BOTTOM RAIL WIPE
20. OPERATOR ACCESS COVER WITH WEATHER TIGHT PERIMETER SEAL

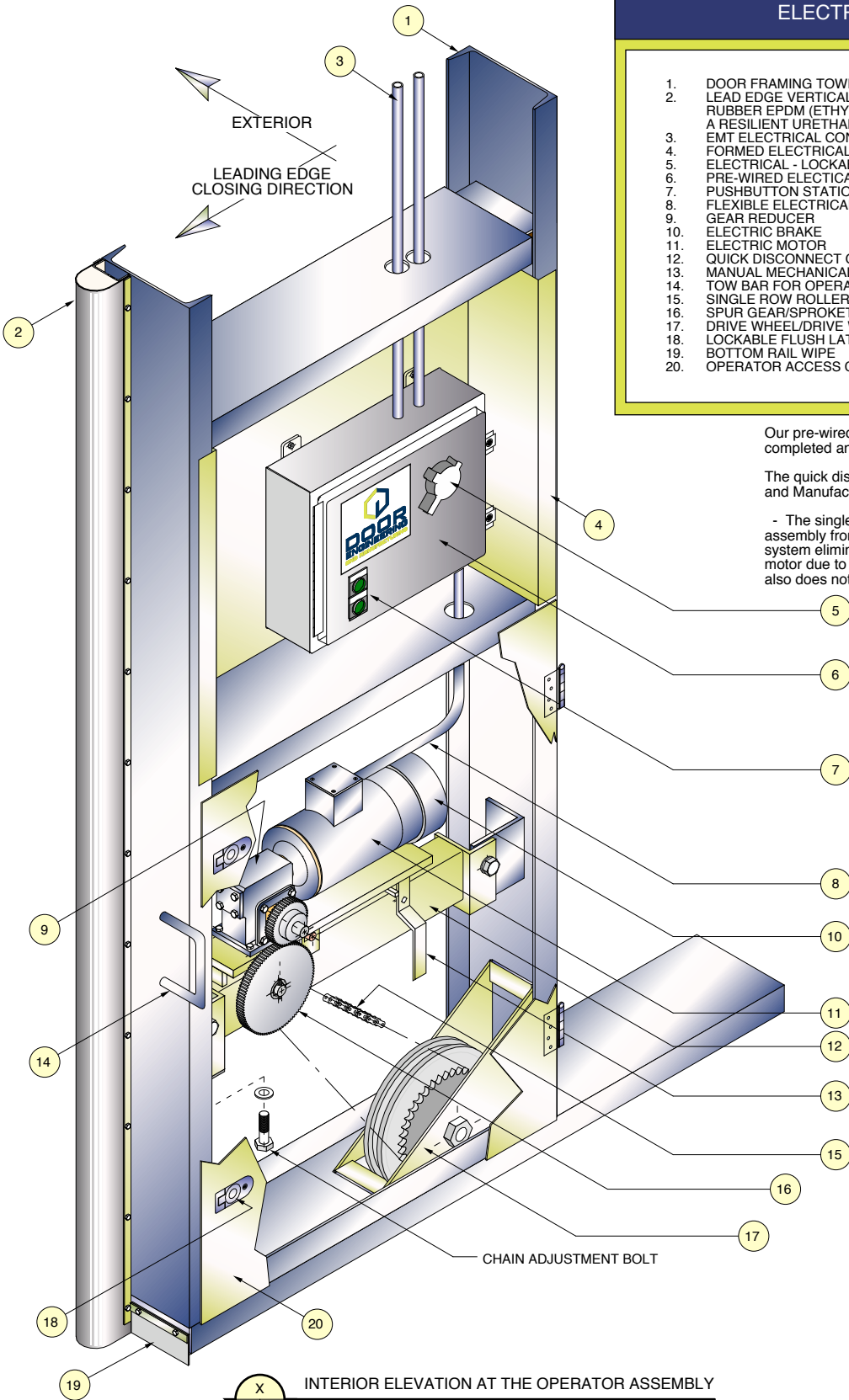
Our pre-wired controls and all wiring internal to the powered door section is completed and tested at the factory minimizing field wiring requirements.

The quick disconnect operator assembly is a feature unique to Door Engineering and Manufacturing, LLC.

- The single lever disengage mechanism completely separates the motor assembly from the drive wheel for a non-electrical powered operation. This system eliminates the possibility of any damage to the gear reducer and electric motor due to the reversal effort through the gear reducer and electric motor. It also does not require release of the electric motor brake.

## OPERATOR SPECIFICATION

- Horse Power 1/4 hp - 2 hp
- Electrical "Primary" standard
  - 480 volt, 3 phase, 60 Hz
  - Option electrical
    - 575 volt, 3 phase, 60 Hz
    - 208 volt, 3 phase, 60 Hz
    - 110 volt, single phase, 60 Hz
- Electrical "Secondary" standard
  - Control voltage, 24 volt DC
  - Option - 110 volt AC
- Fixed Speed 45 (fpm) standard
  - Option Speeds 30 fpm and 60 fpm
  - Option "VFD" (Variable Frequency Drive)
- Traction - Designed to meet .2 coefficient friction



INTERIOR ELEVATION AT THE OPERATOR ASSEMBLY

