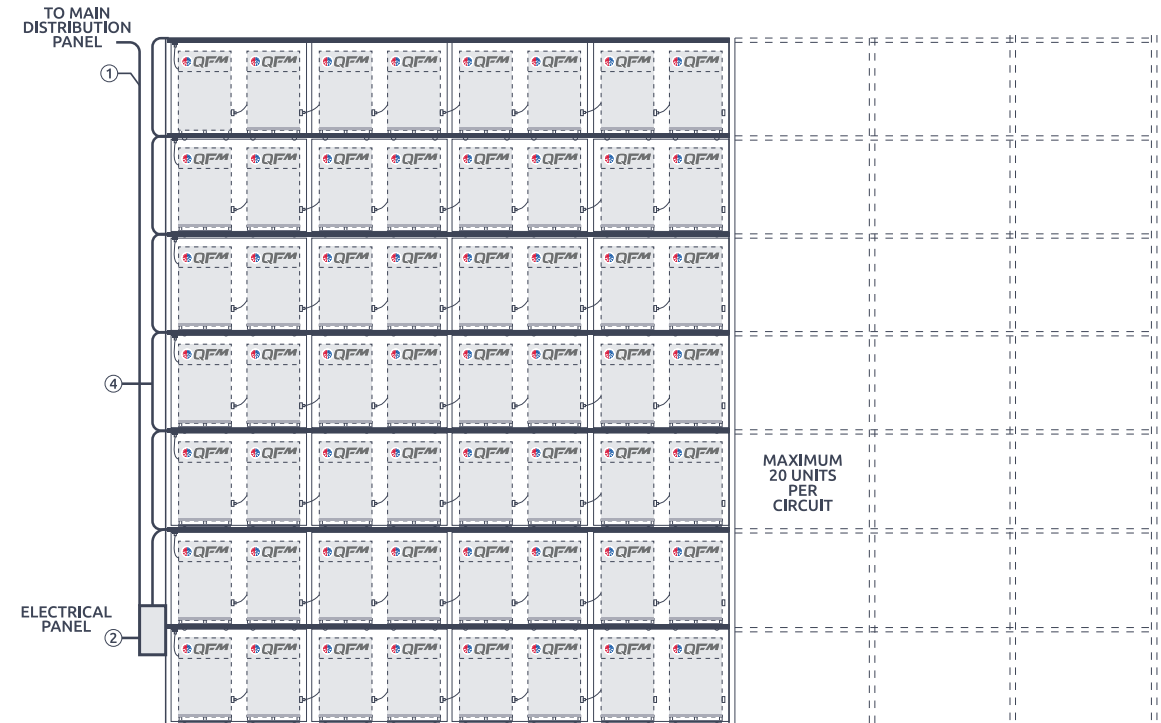


## QFM ELECTRICAL WORK DESCRIPTION NOTES

- 1) PROVIDE 400V, 3 $\phi$ , 50HZ FEED TO NEW ELECTRICAL PANEL FOR QFM.
- 2) PROVIDE 400V, 3 $\phi$ , 4W MAIN-LUG-ONLY PANELBOARD.
- 3) PROVIDE (1) 3/30A BREAKER PER QFM ROW (MAX 20 UNITS PER 30A BREAKER).
- 4) PROVIDE 400V, 3 $\phi$ , 4W 30A TWIST-LOCK RECEPTACLE IN 4-SQUARE ELECTRICAL BACKBOX. DEDICATED GROUND REQUIRED PER RECEPTACLE. TYPICAL OF 1 PER ROW. MOUNTED TO RACKING UPRIGHT. (HUBBELL HBL2430 RECOMMENDED)
- 5) PROVIDE CONDUIT BETWEEN PANEL AND RECEPTACLE FOR CIRCUIT. REFER TO WIRING DIAGRAM FOR CONDUCTOR SIZE. ALL VERTICAL CONDUITS SHALL HAVE CONDUCTOR STRAIN RELIEF (TYPICAL ONE VERTICAL CONDUIT PER ROW).



### TYPICAL QFM ROW WIRING DIAGRAM

NOT TO SCALE

