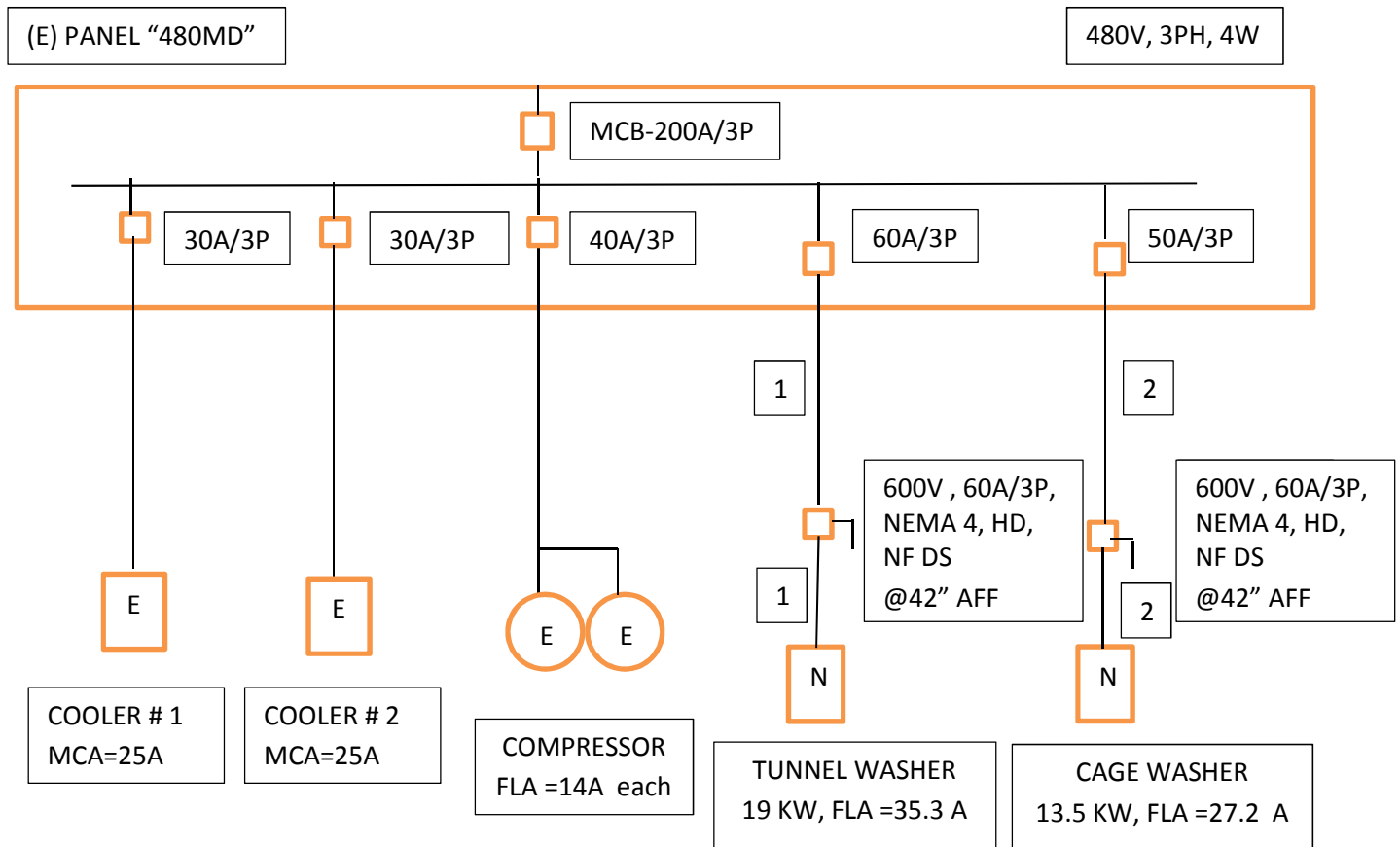


Suggested 480V Power Distribution for PD B54 Tunnel and Cage Washers

Construction Notes for Installing Contractor:

1. Unless otherwise stated, all new conductors shall be type THWN, 600V solid or stranded copper and no smaller than #12 AWG.
2. At panel 480MD, remove 6 existing 20A breakers to replace with new 60A/3P and 50A/3P breakers to feed new loads. New breakers to match with existing type and KAIC rating. Return removed 20A breakers to VA COR
3. Install new feeders as indicated on outside wall using Rigid Steel Conduit (RSC) using water tight fittings and j boxes as needed. Verify feeder wire size to allow for 3% branch circuit voltage drop @ design load. Provide VD calc. to VA for review/approval prior to installation.
4. From disconnect switch run conduit above the ceiling and drop above the equipment power entry using seal tight flexible conduit. and install



LEGENDS:

	Circuit Breaker		Existing		3-1/C # 4 + 1 # 8 GND, CU, THWN
	Non Fused Disconnect Switch		New		3-1/C # 6 + 1 # 10 GND, CU, THWN