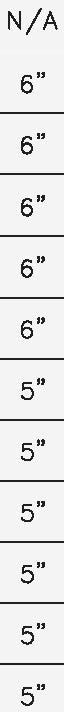
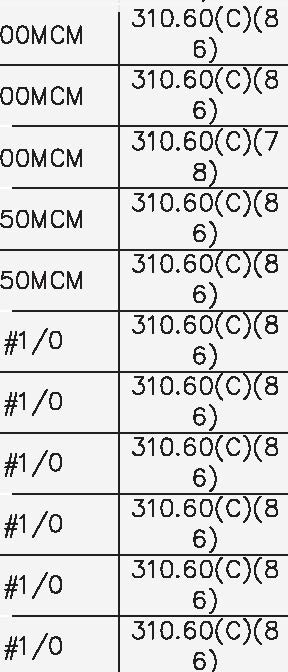
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|  |  |  |  |  |  |  |  | MV | FEEDER | | CALCULATIONS (34.SKV) | | | |  |  |  |  |  |  |  |  |  |  |
|  |  |  | |  | APPPOAWREERNT [KVA] | FEEDER  LnlGTH  [FT] | FULL LOAD AI.IPS 'FLA'  [A] | OTYCPED | oTcReIPo  RATING  [A] | TORCIPP,-:D  OfFL.A | | CONDUCTOR | CONSDIUZCETOR | | NREEFCERTEANBCLEE  310.158/\21 | AD..I..ISETMENT | AMPACITY [A] | ACMOCNHDEUICTTYO>R  PFAlCA? | � 1.25? | 2,0.IOl(A)? | SVEOGLMTAEGNET  DRO,�P AT | VOTOLT-'AGLE DRO,�P AT | PVC SCIOZENDUIT | ADGDRIOTIUONNDAL CABLE |
|  |  |  | |  |  |  |  |  |  |  | |  | 266.BKCMIL | |  |  |  |  |  |  |  |  |  |  |
|  |  |  | |  |  |  |  |  |  |  | |  |  | | IO.ISB/(ZI |  |  |  |  |  |  |  |  |  |
|  |  |  | |  |  |  |  |  |  |  | |  | 266.8KCMIL | |  |  |  |  |  |  |  |  |  |  |
|  |  |  | |  | 22,550 |  |  |  |  |  | |  |  | | 310.lSB)(Zl |  |  |  |  |  |  |  |  | cu,1 |
|  |  | UNDERGROUND DIRECT | BURY |  |  |  |  |  |  |  | |  | 266.BKCMIL | |  |  |  |  |  |  |  |  |  |  |
|  |  | UNDERGROTRIPLEDXED  UND IRECT | BURY |  |  |  |  |  |  |  | |  |  | | |  |  |  |  |  |  |  |  |  |
|  |  | TRIPLEXED | |  |  |  |  |  |  |  | |  |  |  | |  |  |  |  |  |  |  |  | CUf1  CUf1 |
|  |  |  | |  | 19,250 |  |  |  |  |  | |  |  |
|  |  | UNDERGROUND DIRECT | BURY |  |  |  |  |  |  |  | |  |  |
|  |  | UNDERGROTURINPDLHD ERDECT  I | BURY |  | 16,500 |  |  |  |  |  | |  |  |  | |  |  |  |  |  |  |  |  | CU#1 |
|  |  | UNDERGROTRIPLEXIEDECT  UND D R | BURY |  |  |  |  |  |  |  | |  |  |
|  |  | UNDERGROTURINPDLHD EDECT  IR | BURY |  | 6,600 |  |  |  |  |  | |  |  |  | |  |  |  |  |  |  |  |  | CU#1 |
|  |  | TRIPLEXED  UNDERGROUND DIRECT | BURY |  |  |  |  |  |  |  | |  |  |  | |  |  |  |  |  |  |  |  |  |
|  |  | UNDERGROTRIPLEXED  UND DIRECT | BURY |  |  |  |  |  |  |  | |  |  |
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| AC CIRCUIT CALCULATIONS - PCS-01 | | | | | | | | | | | | | | | | | | | | |
|  |  |  |  |  | OCPD SIZE[A] | COTNYDPUEIT | COSNIZDEUIT | GROUND SIZE | CPOENRDUPCHTAOSRES | CONOUPHCATOSRE SIZE | CONNEUDUTRCATLOR  SIZE |  |  | 90�• TAHMCP.AOC.UTY | ACM.0B.IUENDTERTAEMTEP | CC.O0.NUD.UDITERFAILTLE | FEEDER L£NGlli (FEET) | VOLSTEAGGMEENDTROP  AT FLA | VOAL TOTAL ROP\I T AFGLEA DTO  TRANSFORMER | OLTTOTAL AATGEFLADROP  TO POI |
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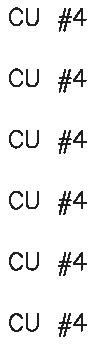
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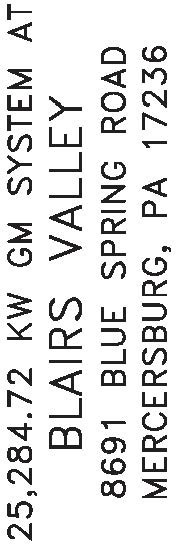
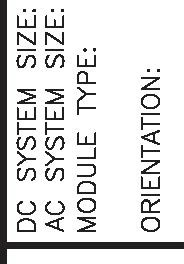
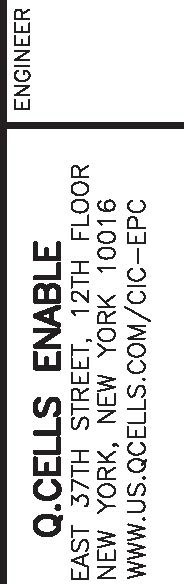
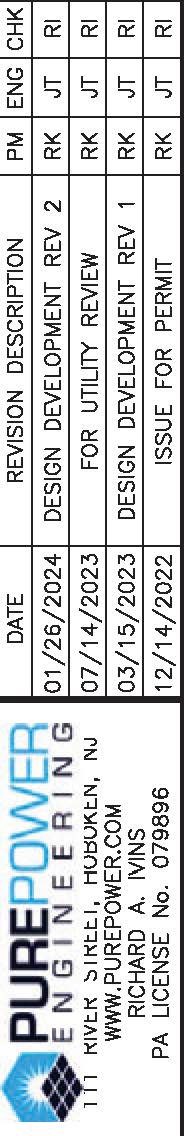
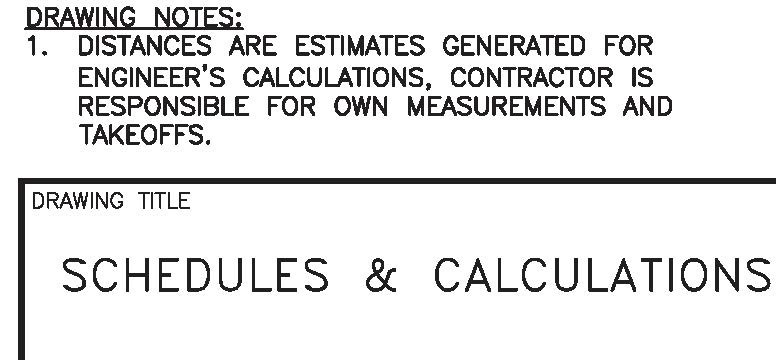
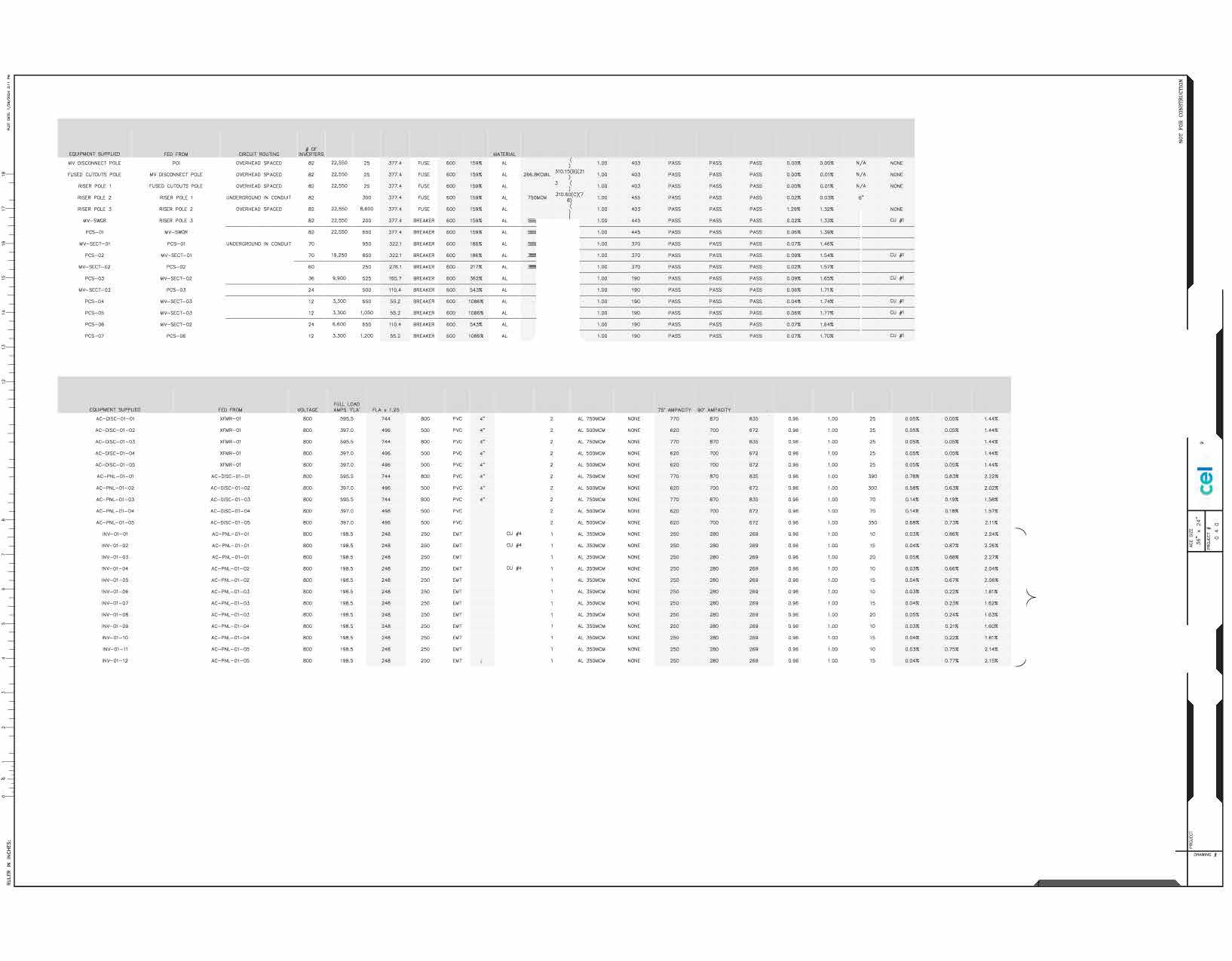
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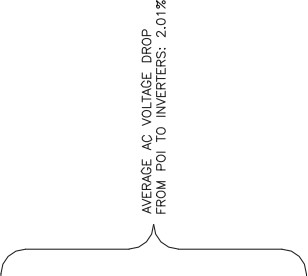
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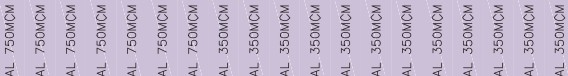
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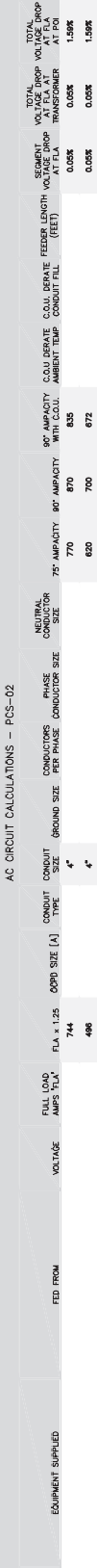
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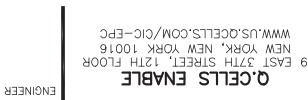
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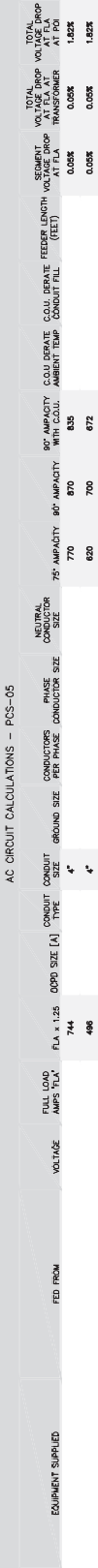
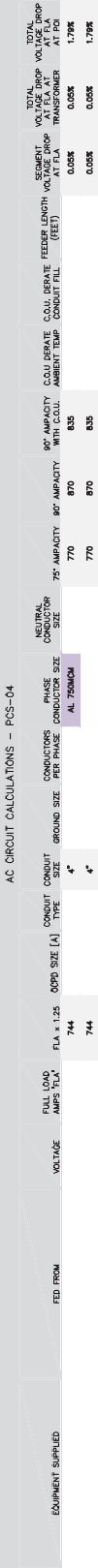
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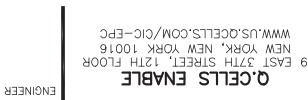
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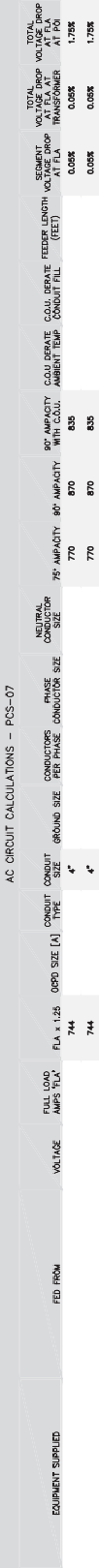
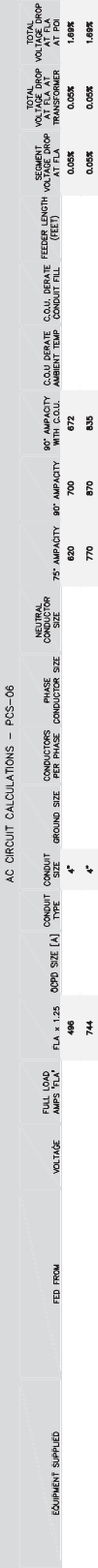
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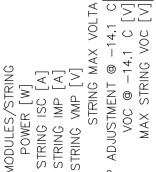
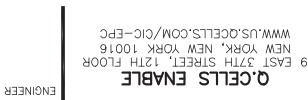
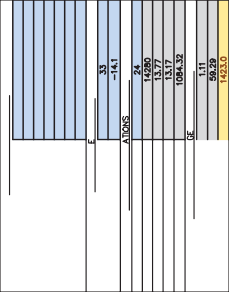
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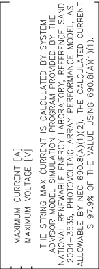
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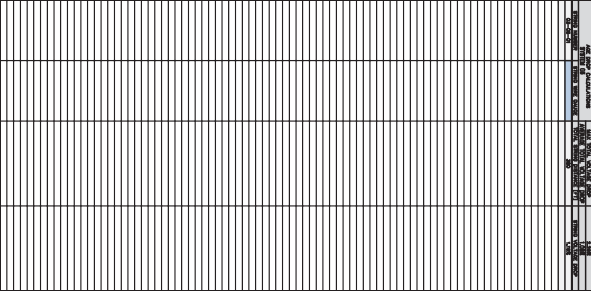
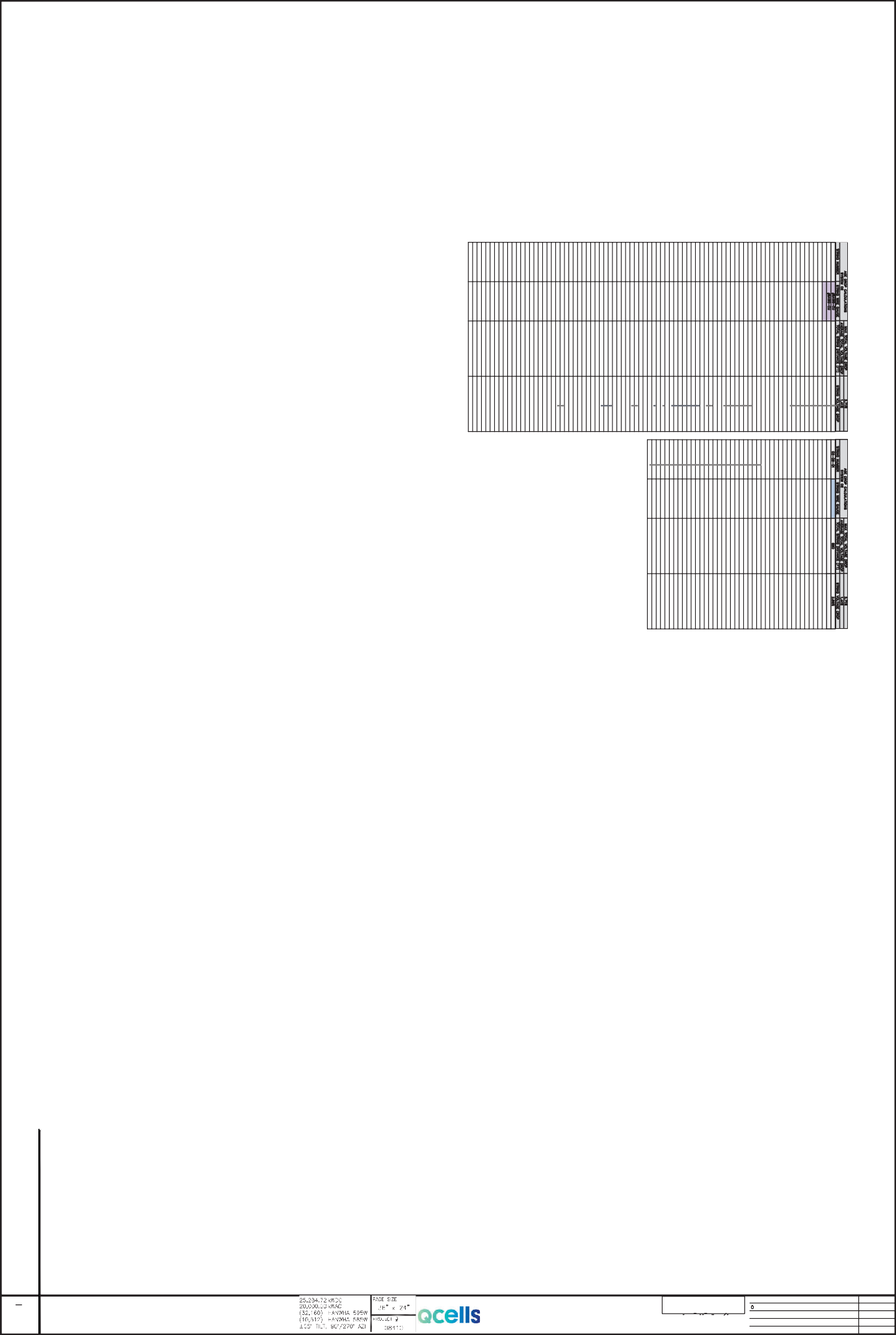
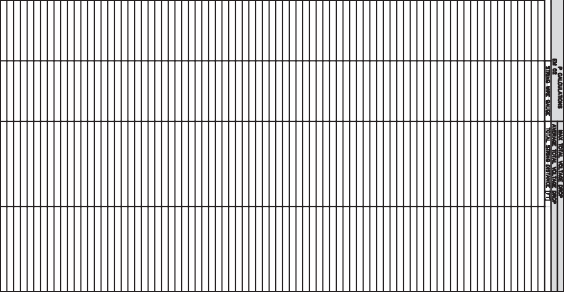
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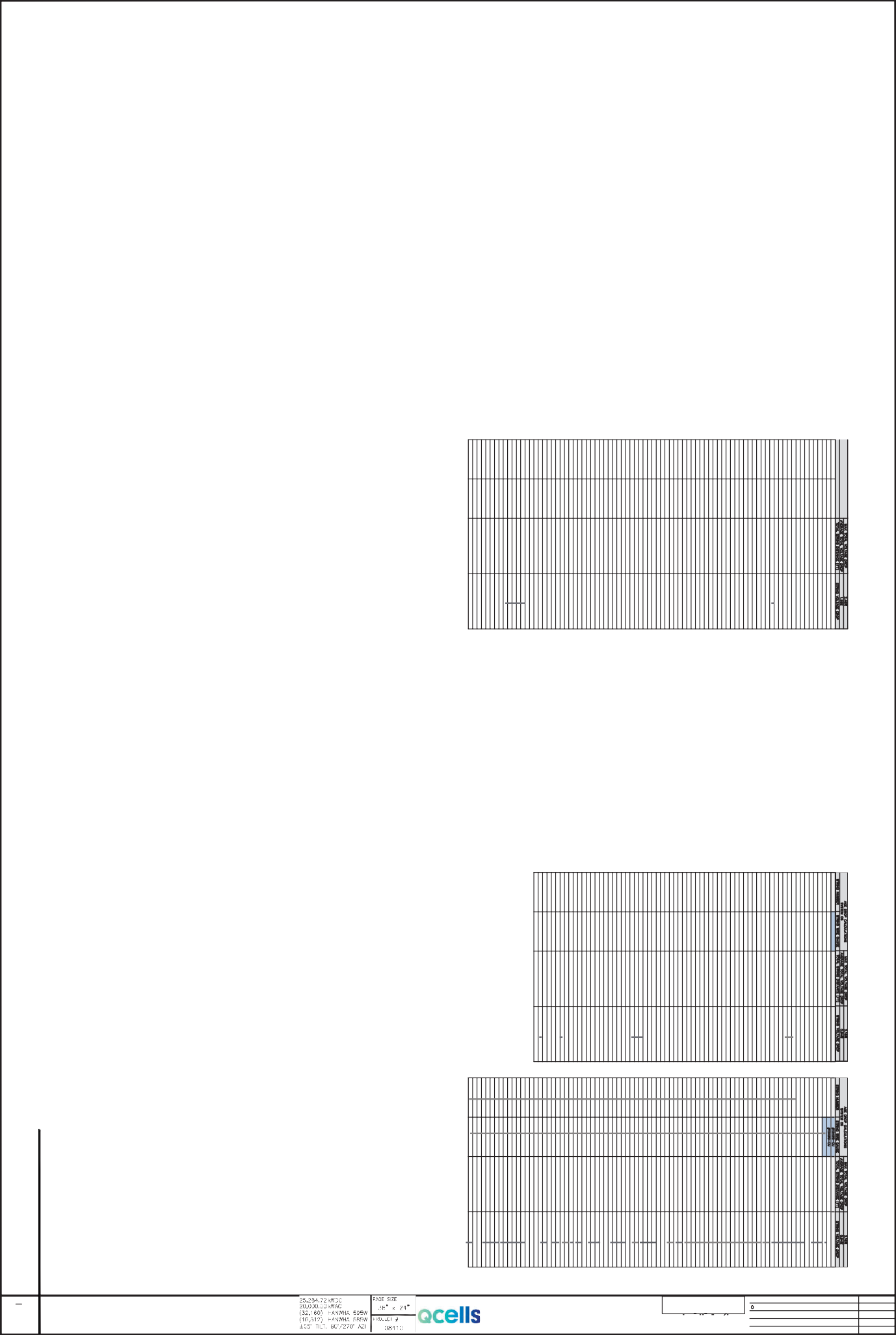
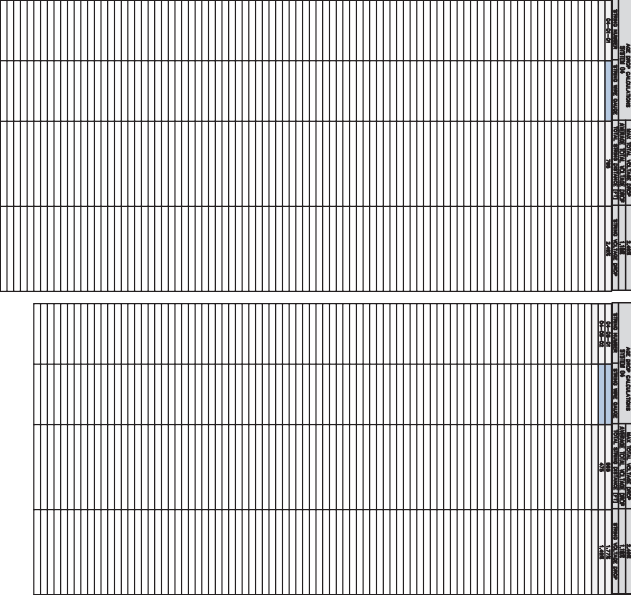
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8691 BLUE SPRING ROAD

MERCERSBURG, PA 17236

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NEWYORK,NEWYORK10016

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RICHARD A. MNS

P LJCENSE No. 079896

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RICHARD A. MNS

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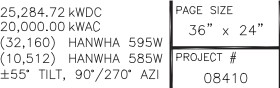
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8691 BLUE SPRING ROAD MERCERSBURG, PA 17236

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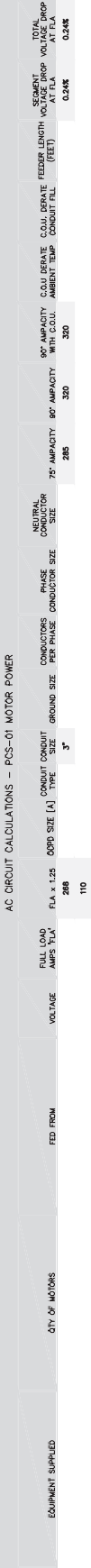
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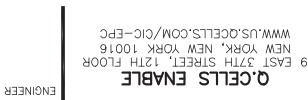
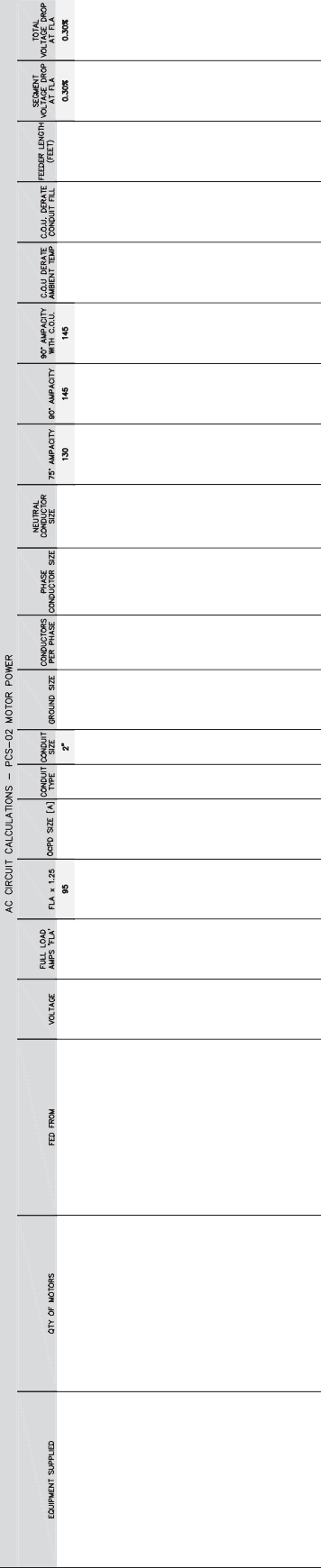
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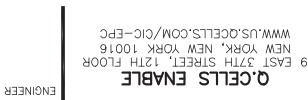
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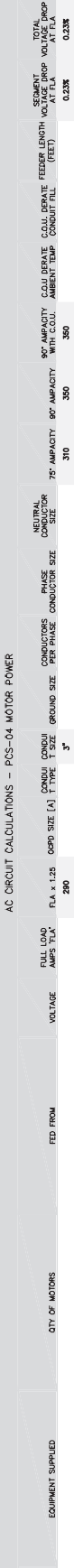
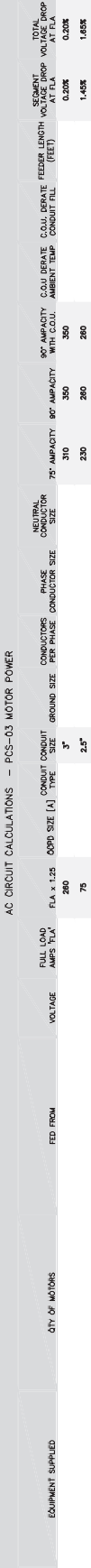




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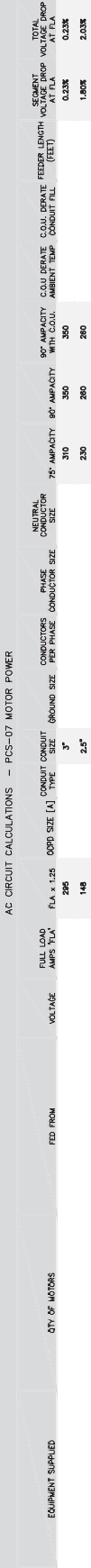
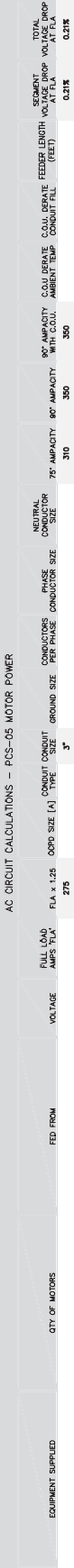
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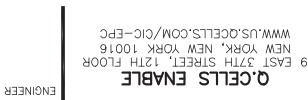
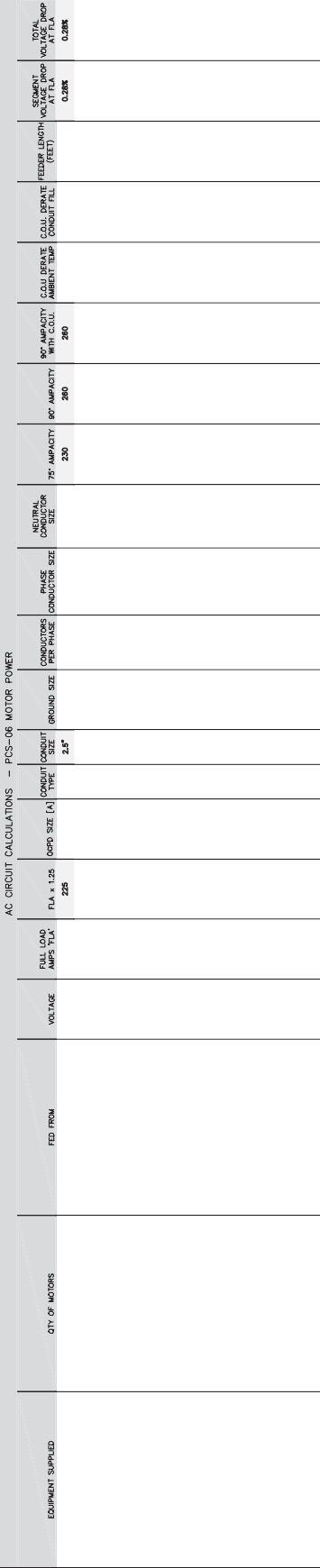
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