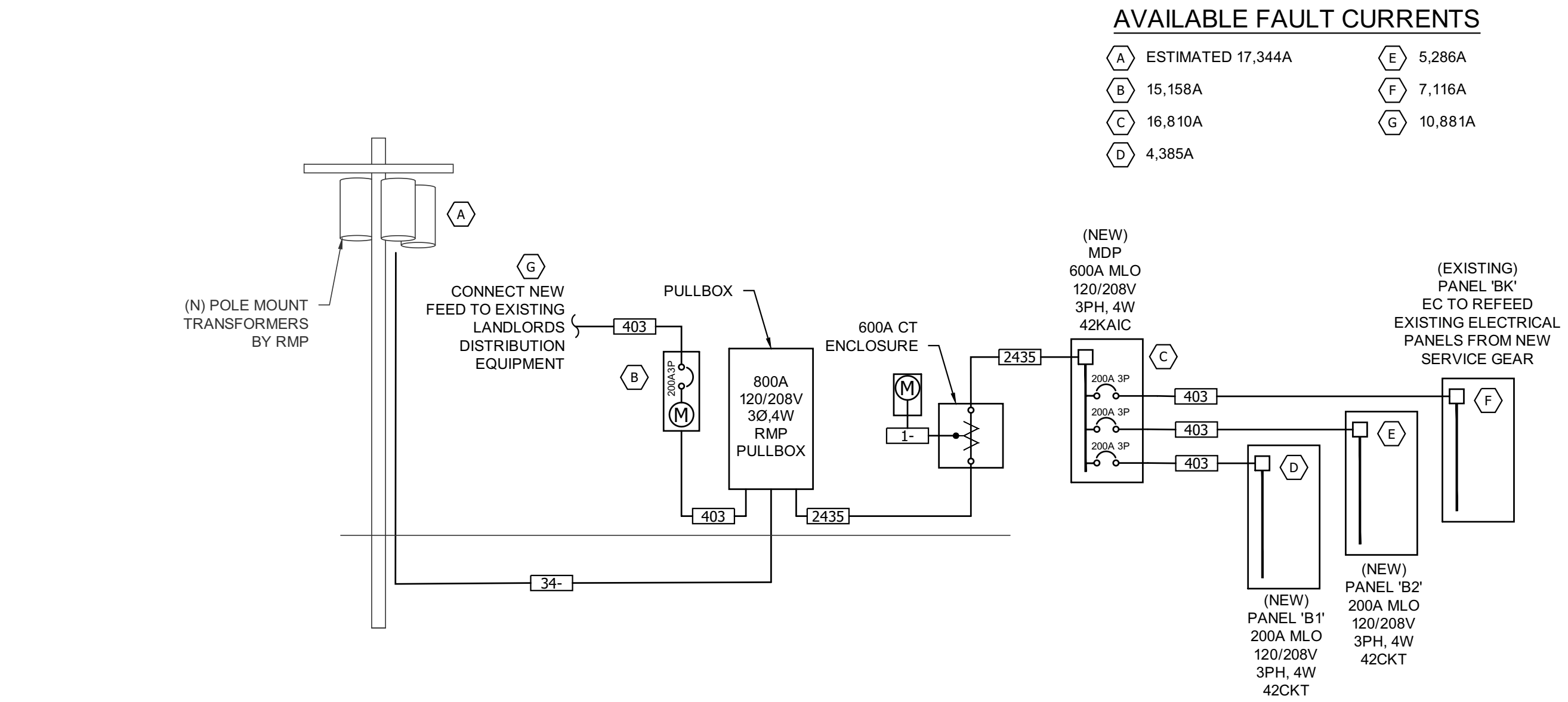


D

C

B

A

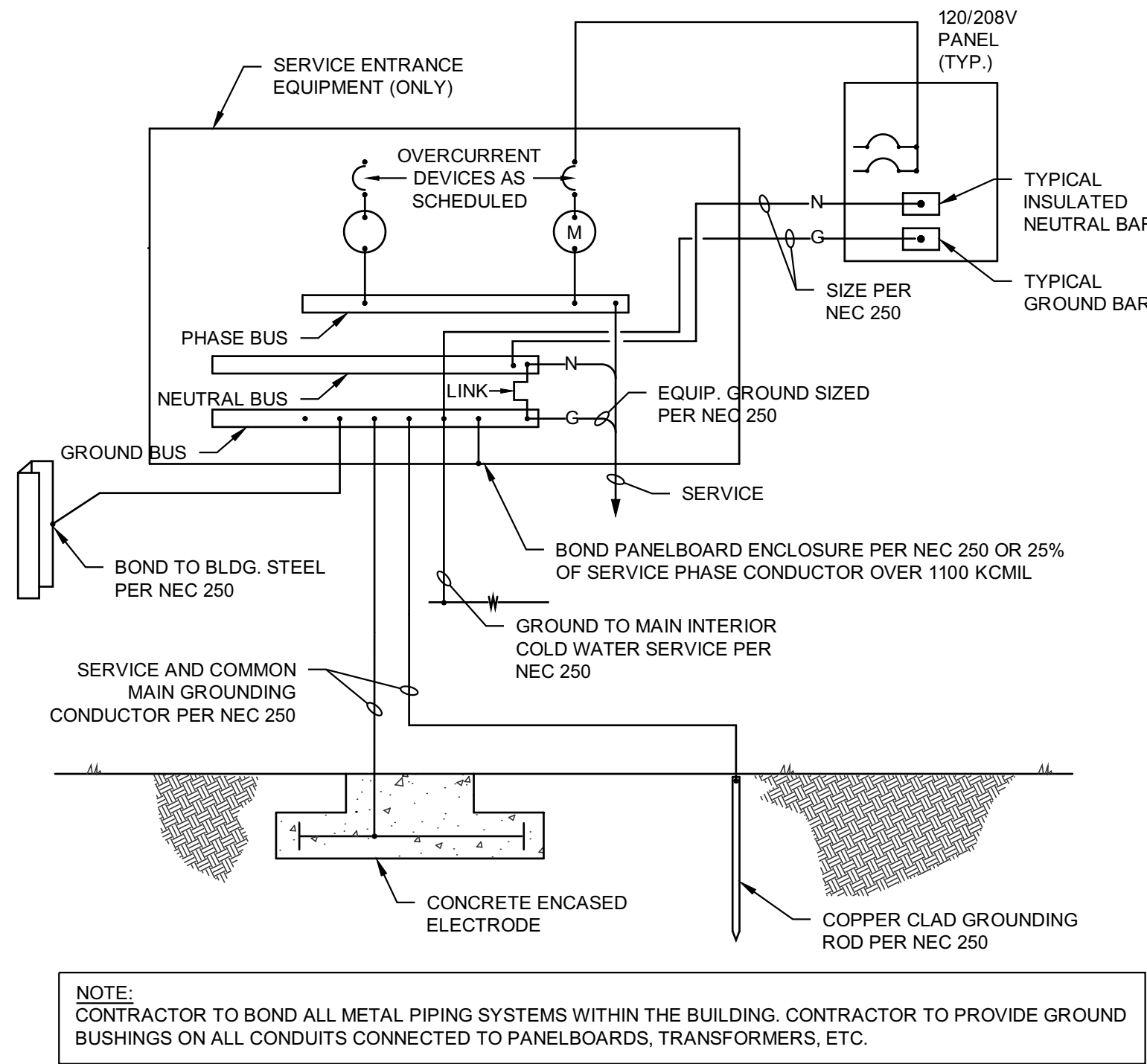


| MARK | AMPS | CONDUIT  | CU/AL | CONDUCTORS (TOTAL) |         |         | NOTES |
|------|------|----------|-------|--------------------|---------|---------|-------|
|      |      |          |       | PHASE              | NEUTRAL | GROUND  |       |
| 41   | 100  | 2"       | CU    | (3) 1              | 1       | 8       | 1     |
| 401  | 150  | 2"       | CU    | (3) 1/0            | 1/0     | 6       | 1     |
| 403  | 200  | 2.5"     | CU    | (3) 3/0            | 3/0     | 6       | 1     |
| 425  | 250  | 2.5"     | CU    | (3) 250            | 250     | 4       | 1     |
| 2403 | 400  | (2) 2.5" | CU    | (6) 3/0            | (2) 3/0 | (2) 3   | 1     |
| 2435 | 600  | (2) 3"   | CU    | (6) 350            | (2) 350 | (2) 1/0 | 1     |
| 035  | -    | -        | CU    | -                  | -       | 3/0     | 2     |

NOTES:

- CONDUCTOR INSULATIONS TO BE RATED THWN-2/THHN 90°C.
- GROUNDING ELECTRODE CONDUCTOR TO BE BONDED TO ALL AVAILABLE GROUNDING ELECTRODES.
- CONTRACTOR TO PROVIDE SERVICE LATERAL CONDUIT FROM THE TRANSFORMER TO THE METER. CONDUCTORS ARE TO BE PROVIDED, INSTALLED, AND TERMINATED BY RMP.

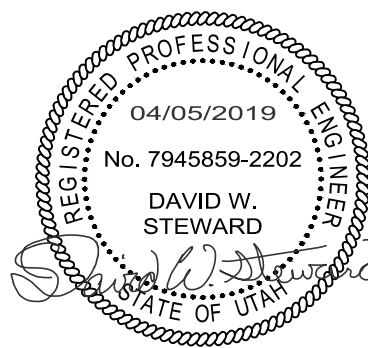
| FAULT CURRENT CALCULATIONS |              |             |            |             |            |            |            |
|----------------------------|--------------|-------------|------------|-------------|------------|------------|------------|
| 208 Volt                   | PULLBOX      | MDP         | B1         | B2          | BK         | METER      | LANDLORD   |
| Panel                      | UTILITY XFMR | PULLBOX     | MDP        | MDP         | MDP        | PULLBOX    | METER      |
| Feed From                  |              |             |            |             |            |            |            |
| Available Fault Current    | 17344        | 17344       | 16810      | 16810       | 16810      | 16810      | 15158      |
| (L) Length to panel        | 60           | 10          | 260        | 200         | 125        | 10         | 40         |
| Conduit Type (P,S)         | P            | P           | S          | S           | S          | S          | S          |
| Conductor Size             | 350          | 350         | 3/0        | 3/0         | 3/0        | 3/0        | 3/0        |
| Conductor Type (c,a)       | A            | C           | C          | C           | C          | C          | C          |
| No of Runs                 | 3            | 2           | 1          | 1           | 1          | 1          | 1          |
| C - from chart             | 16813        | 22736       | 12843      | 12843       | 12843      | 12843      | 12843      |
| Voltage                    | 208          | 208         | 208        | 208         | 208        | 208        | 208        |
| f                          | 0.171795773  | 0.03176023  | 2.83371241 | 2.179778777 | 1.36236174 | 0.10898894 | 0.393111   |
| m                          | 0.853391029  | 0.969217432 | 0.26084377 | 0.314487287 | 0.4233052  | 0.90172225 | 0.71781789 |
| I s.c. at Panel            | 14801        | 16810       | 4385       | 5286        | 7116       | 15158      | 10881      |



BEWILDER BREWERY

445 SOUTH 400 WEST  
SALT LAKE CITY, UT 84101

STAMP



REVISIONS

|                                                                                                                                     |  |                                                      |            |
|-------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------|------------|
| <b>ROCKY MOUNTAIN CONSULTING ENGINEERS, INC.</b><br>2117 South 3600 West, Salt Lake City, UT 84119<br>(801) 566-0503 www.rmceut.com |  | PROJECT #:                                           | 18185      |
|                                                                                                                                     |  | DRAWN BY:                                            | DWS        |
|                                                                                                                                     |  | CHECKED BY:                                          | DWS        |
|                                                                                                                                     |  | DATE:                                                | 04/04/2019 |
|                                                                                                                                     |  | (C) ROCKY MOUNTAIN CONSULTING ENGINEERS, INC. - 2019 |            |

SHEET TITLE:

ELECTRICAL  
DETAILS

E501