



UL/4X

G.P.T CO

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PUMP CONTROL PANEL - ELECTRICAL DRAWINGS

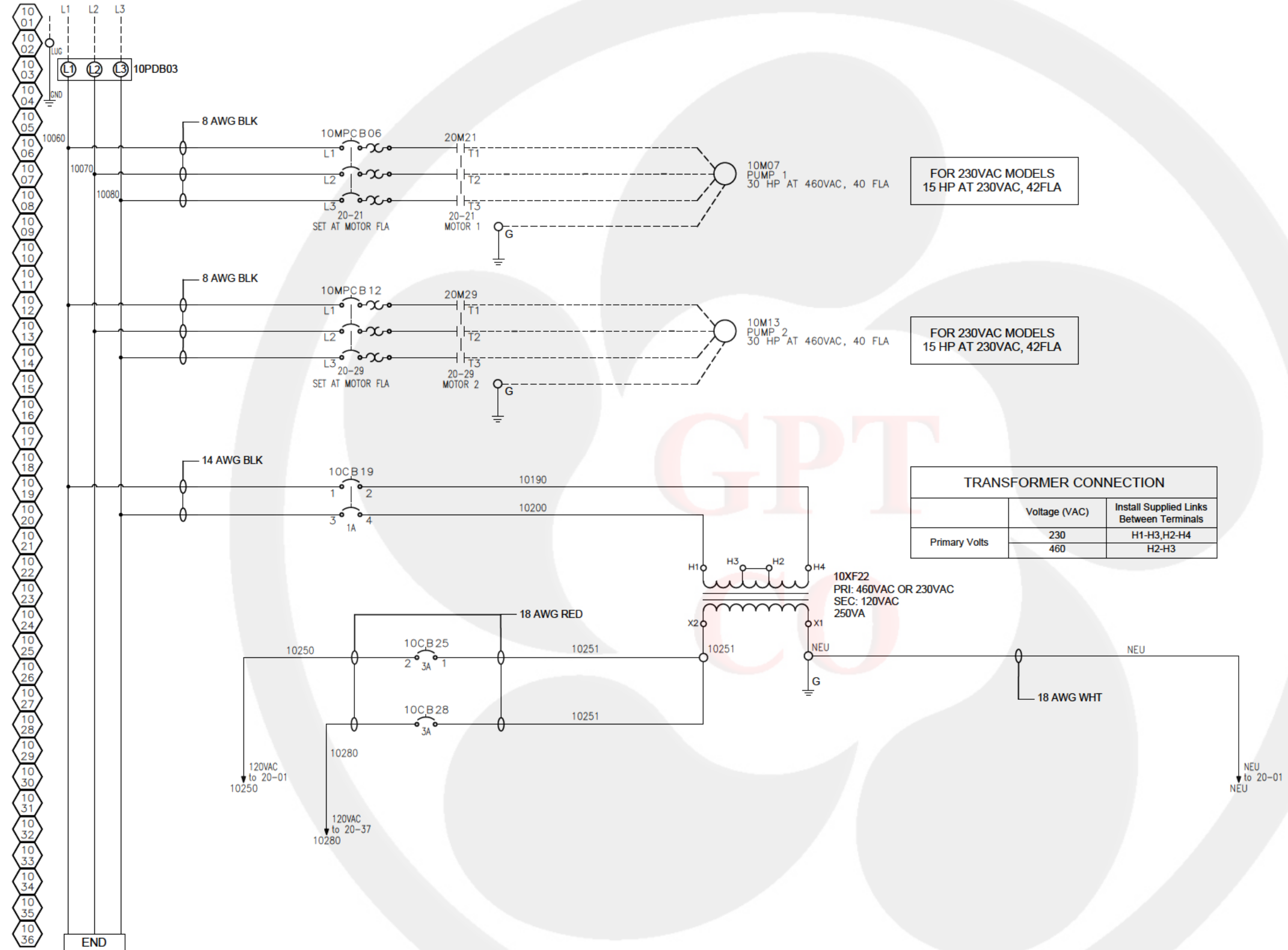
|    |                          |
|----|--------------------------|
| SH | FILENAME                 |
| 00 | TITLE PAGE               |
| 01 | DRAWING NOTES PAGE       |
| 10 | 230/460 VAC DISTRIBUTION |
| 20 | 120 VAC CONTROL CIRCUIT  |
| 70 | TERMINAL BLOCK LAYOUT    |
| 80 | ENCLOSURE LAYOUT PAGE-1  |
| 81 | ENCLOSURE LAYOUT PAGE-2  |

MODEL NUMBER: GPDL3-30/15  
ITEM NUMBER: 3970254

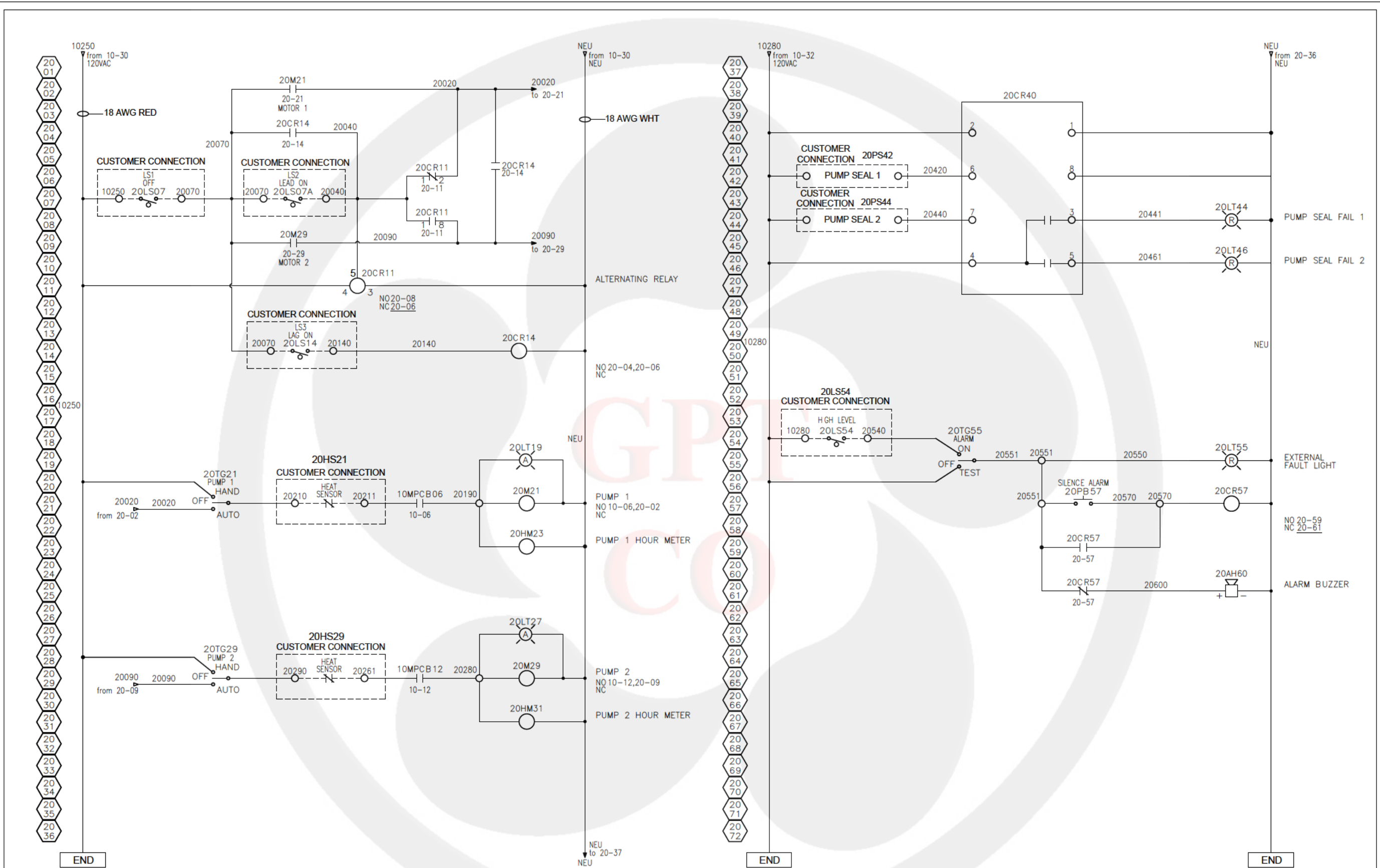
|      |        |      |      |                                                                                       |                                  |         |
|------|--------|------|------|---------------------------------------------------------------------------------------|----------------------------------|---------|
|      |        |      |      |  | BRAND: G.P.T.CO                  |         |
|      |        |      |      |                                                                                       | PROJECT DESC: PUMP CONTROL PANEL |         |
|      |        |      |      |                                                                                       | DRAWING DESC: 00 - TITLE PAGE    |         |
| REV. | CHANGE | DATE | NAME |                                                                                       | ITEM NUMBER:                     | 3970254 |

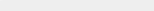


CUSTOMER SUPPLIED  
460V or 230V, 3PH, 60Hz  
Note: Disconnect supplied in the field

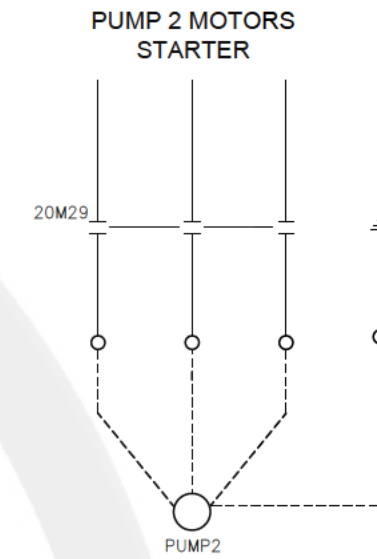
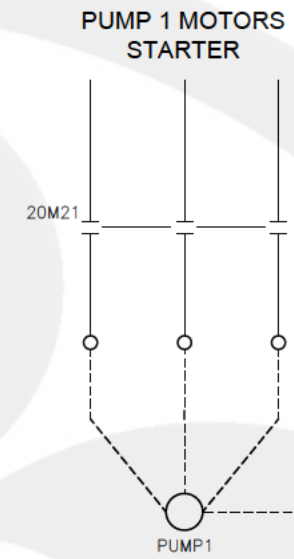


|      |        |      |      |               |              |                                                                                       |  |
|------|--------|------|------|---------------|--------------|---------------------------------------------------------------------------------------|--|
|      |        |      |      |               |              | BRAND: G.P.T.CO                                                                       |  |
|      |        |      |      |               |              | PROJECT DESC: PUMP CONTROL PANEL                                                      |  |
|      |        |      |      |               |              | DRAWING DESC: 10 - 230/460 VAC DISTRIBUTION                                           |  |
| REV. | CHANGE | DATE | NAME | MODEL NUMBER: | GPD L3 30/15 |  |  |
|      |        |      |      | ITEM NUMBER:  | 3970254      |                                                                                       |  |
|      |        |      |      |               |              | SHEET # 10                                                                            |  |

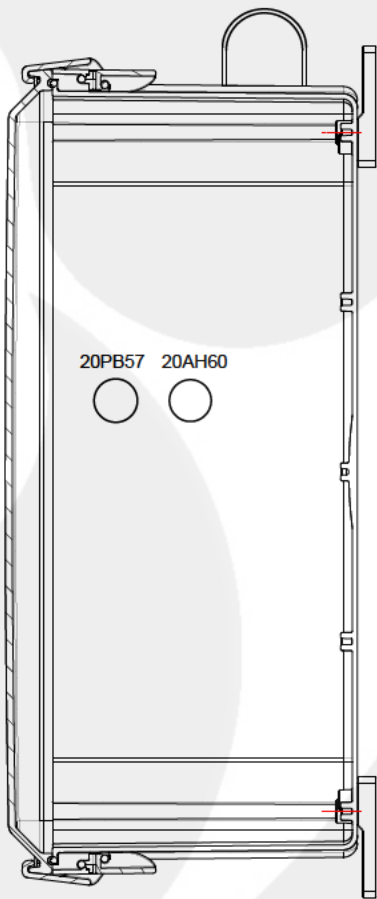
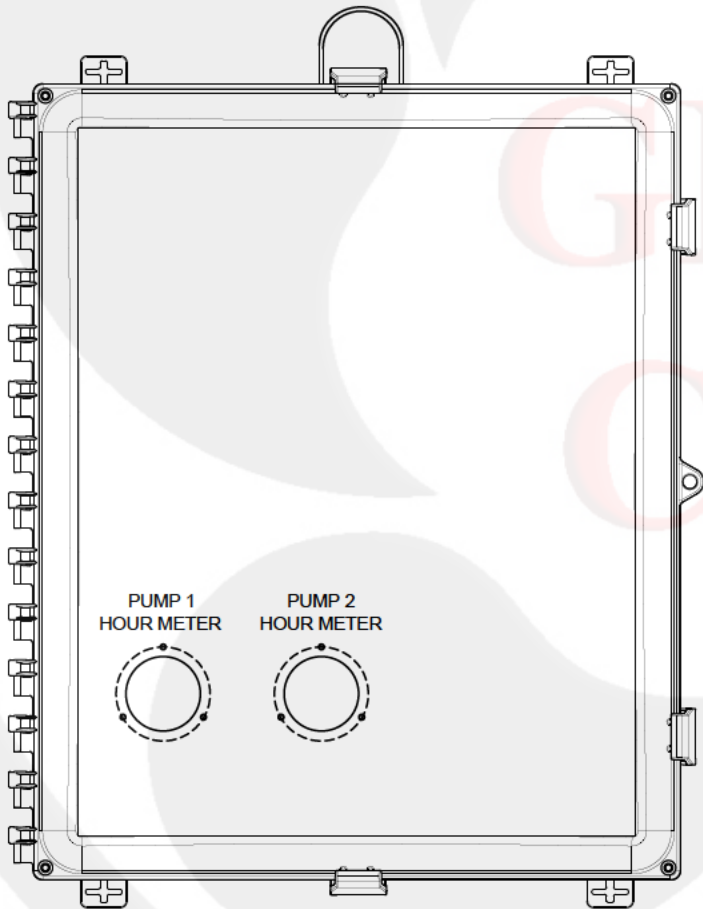
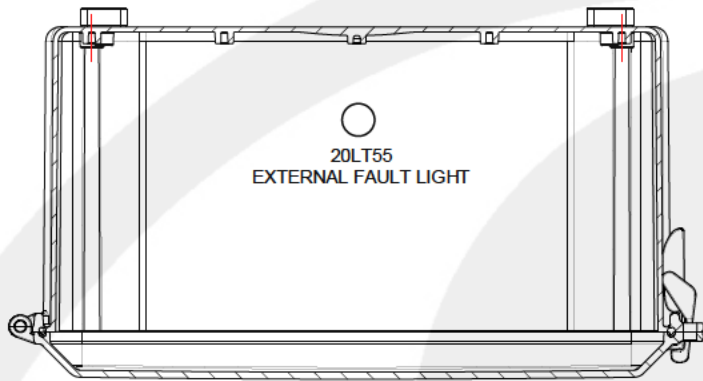


|      |        |      |      |               |                                                                                       |                                            |             |
|------|--------|------|------|---------------|---------------------------------------------------------------------------------------|--------------------------------------------|-------------|
|      |        |      |      |               |  | BRAND: G.P.T.CO                            |             |
|      |        |      |      |               |                                                                                       | PROJECT DESC: PUMP CONTROL PANEL           |             |
|      |        |      |      |               |                                                                                       | DRAWING DESC: 20 - 120 VAC CONTROL CIRCUIT |             |
| REV. | CHANGE | DATE | NAME | MODEL NUMBER: | GPD13 30/15                                                                           |                                            |             |
|      |        |      |      | ITEM NUMBER:  | 3970254                                                                               |                                            |             |
|      |        |      |      |               |                                                                                       |                                            | SHEET #: 20 |

| TERMINAL LAYOUT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |                |       |               |       |                              |       |                              |       |                |       |                |       |                   |       |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------|-------|---------------|-------|------------------------------|-------|------------------------------|-------|----------------|-------|----------------|-------|-------------------|-------|-----|-----|
| 10250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20070 | 20040          | 20070 | 20070         | 20140 | 20210                        | 20211 | 20260                        | 20261 | 10280          | 20420 | 10280          | 20440 | 10280             | 20540 | NEU | NEU |
| <p>The diagram shows the wiring for various sensors and pumps. Terminals 10250, 20070, 20040, 20070, 20070, 20140, 20210, 20211, 20260, 20261, 10280, 20420, 10280, 20440, 10280, 20540, NEU, and NEU are shown in a row. Connections are as follows: 10250 to 20070 (LS1 OFF); 20040 to 20070 (LS2-LEAD ON); 20070 to 20140 (LS3-LAG ON); 20210 to 20211 (PUMP 1 HEAT SENSOR); 20260 to 20261 (PUMP 2 HEAT SENSOR); 10280 to 20420 (PUMP SEAL 1); 10280 to 20440 (PUMP SEAL 2); 10280 to 20540 (LS4-HIGH LEVEL). A dashed box connects terminals 10280, 20420, 10280, and 20440, with a jumper symbol indicating it is used when the pumps are not in use.</p> |       |                |       |               |       |                              |       |                              |       |                |       |                |       |                   |       |     |     |
| 20LS07                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       | 20LS07A        |       | 20LS14        |       | 20HS21                       |       | 20HS21                       |       | PUMP SEAL 1    |       | PUMP SEAL 2    |       | 20LS54            |       |     |     |
| LS1<br>OFF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       | LS2-LEAD<br>ON |       | LS3-LAG<br>ON |       | PUMP 1<br>HEAT SENSOR        |       | PUMP 2<br>HEAT SENSOR        |       | PUMP<br>SEAL 1 |       | PUMP<br>SEAL 2 |       | LS4-HIGH<br>LEVEL |       |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |                |       |               |       | JUMPER<br>WHEN NOT<br>IN USE |       | JUMPER<br>WHEN NOT<br>IN USE |       |                |       |                |       |                   |       |     |     |



|      |        |      |      |                                          |             |                                                                                       |                                  |  |
|------|--------|------|------|------------------------------------------|-------------|---------------------------------------------------------------------------------------|----------------------------------|--|
|      |        |      |      |                                          |             |  | BRAND: G.P.T.CO                  |  |
|      |        |      |      |                                          |             |                                                                                       | PROJECT DESC: PUMP CONTROL PANEL |  |
|      |        |      |      | DRAWING DESC: 70 - TERMINAL BLOCK LAYOUT |             |                                                                                       |                                  |  |
| REV. | CHANGE | DATE | NAME | MODEL NUMBER:                            | GPDL3 30/15 |                                                                                       |                                  |  |
|      |        |      |      | ITEM NUMBER:                             | 3970254     |                                                                                       |                                  |  |



|      |        |      |      |                                                                                       |                                            |  |
|------|--------|------|------|---------------------------------------------------------------------------------------|--------------------------------------------|--|
|      |        |      |      |  | BRAND: G.P.T.CO                            |  |
|      |        |      |      |                                                                                       | PROJECT DESC: PUMP CONTROL PANEL           |  |
|      |        |      |      |                                                                                       | DRAWING DESC: 80 - ENCLOSURE LAYOUT PAGE-1 |  |
| REV. | CHANGE | DATE | NAME |                                                                                       | SHEET#: 80                                 |  |

