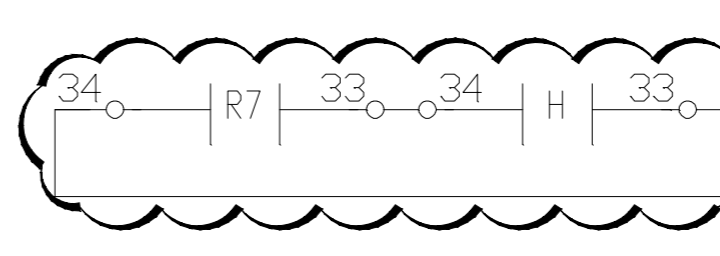
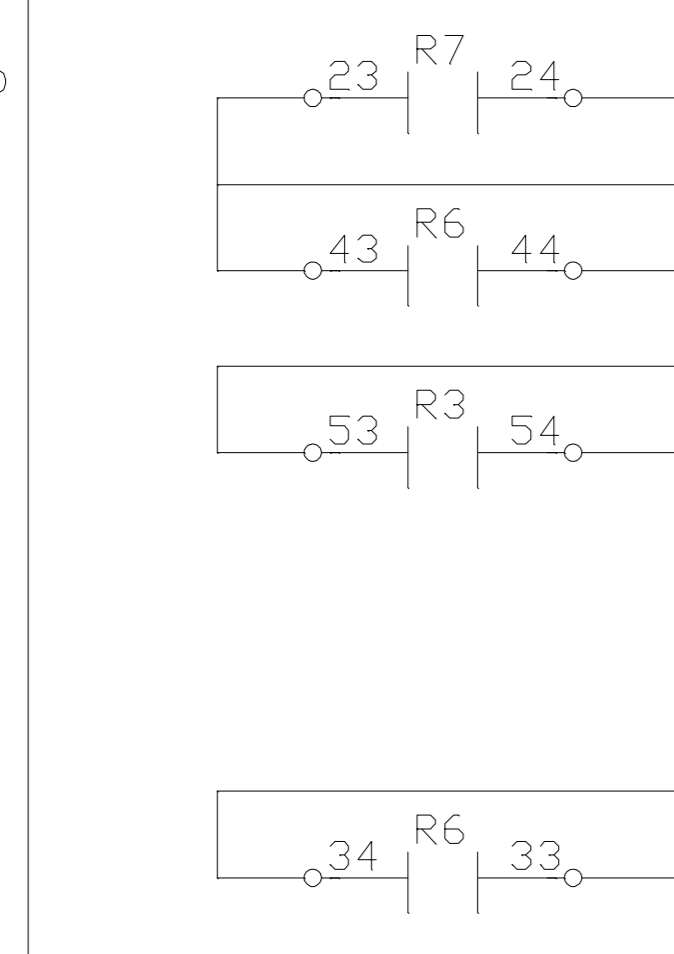
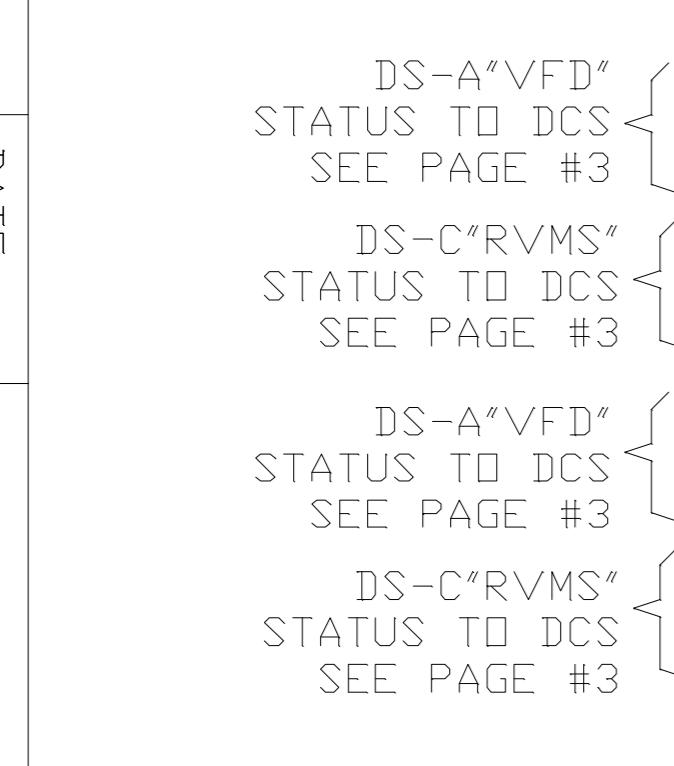
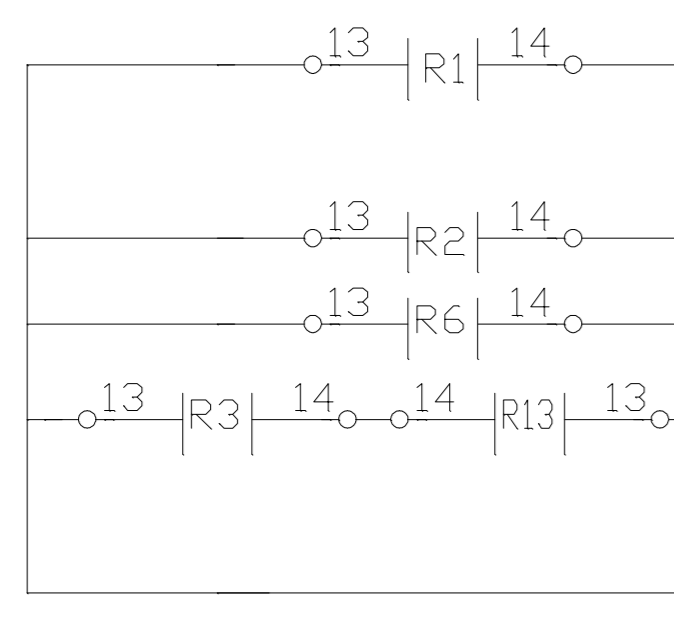


NOTE: DASHED LINES ON THIS AND OTHER PAGES INDICATES WIRING SUPPLIED BY THE CUSTOMER

|     |     |  |
|-----|-----|--|
| 54  | --- | TO "MULTILIN" TERM.#36<br>SEE PAGE 7           |
| 55  | --- | TO "MULTILIN" TERM.#37<br>SEE PAGE 7           |
| 56  | --- | TO "MULTILIN" TERM.#54<br>SEE PAGE 7           |
| 57  | --- | TO "MULTILIN" TERM.#55<br>SEE PAGE 7           |
| 58  | --- | TO DISCHARGE VALVE CONTROL PANEL<br>SEE PAGE 5 |
| 59  | --- | TO DISCHARGE VALVE CONTROL PANEL<br>SEE PAGE 5 |
| 60  | --- | SPARE  |
| 70  | --- | TO "RVMS" TERM. #70                            |
| 71  | --- | TO "RVMS" TERM. #71                            |
| 72  | --- | TO "RVMS" TERM. #72                            |
| 83  | --- | TO "RVMS" TERM. #83                            |
| 89  | --- | TO "RVMS" TERM. #89                            |
| 90  | --- | TO "RVMS" TERM. #90                            |
| A   | --- | TO "MULTILIN" TERM.#81<br>SEE PAGE 7           |
| B   | --- | TO "MULTILIN" TERM.#78<br>SEE PAGE 7           |
| C   | --- | TO "MULTILIN" TERM.#75<br>SEE PAGE 7           |
| D   | --- | TO "MULTILIN" TERM.#76<br>SEE PAGE 7           |
| 201 | --- | CONNECT TO "MULTILIN" TERM. #1                 |
| 202 | --- | CONNECT TO "MULTILIN" TERM. #2                 |
| 203 | --- | CONNECT TO "MULTILIN" TERM. #3                 |
| 204 | --- | CONNECT TO "MULTILIN" TERM. #4                 |
| 205 | --- | CONNECT TO "MULTILIN" TERM. #5                 |
| 206 | --- | CONNECT TO "MULTILIN" TERM. #6                 |
| 207 | --- | CONNECT TO "MULTILIN" TERM. #7                 |
| 208 | --- | CONNECT TO "MULTILIN" TERM. #8                 |
| 209 | --- | CONNECT TO "MULTILIN" TERM. #9                 |
| 210 | --- | CONNECT TO "MULTILIN" TERM. #10                |
| 211 | --- | CONNECT TO "MULTILIN" TERM. #11                |
| 212 | --- | CONNECT TO "MULTILIN" TERM. #12                |
| 213 | --- | CONNECT TO "MULTILIN" TERM. #13                |
| 214 | --- | CONNECT TO "MULTILIN" TERM. #14                |
| 215 | --- | CONNECT TO "MULTILIN" TERM. #15                |
| 216 | --- | CONNECT TO "MULTILIN" TERM. #16                |
| 217 | --- | CONNECT TO "MULTILIN" TERM. #17                |
| 218 | --- | CONNECT TO "MULTILIN" TERM. #18                |
| 219 | --- | CONNECT TO "MULTILIN" TERM. #19                |
| 220 | --- | CONNECT TO "MULTILIN" TERM. #20                |
| 221 | --- | CONNECT TO "MULTILIN" TERM. #21                |
| 222 | --- | CONNECT TO "MULTILIN" TERM. #22                |
| 223 | --- | CONNECT TO "MULTILIN" TERM. #23                |
| 224 | --- | CONNECT TO "MULTILIN" TERM. #24                |
| 225 | --- | CONNECT TO "MULTILIN" TERM. #25                |
| 226 | --- | CONNECT TO "MULTILIN" TERM. #26                |
| 227 | --- | CONNECT TO "MULTILIN" TERM. #27                |
| 228 | --- | CONNECT TO "MULTILIN" TERM. #28                |
| 271 | --- | CONNECT TO "MULTILIN" TERM. #71                |
| 270 | --- | CONNECT TO "MULTILIN" TERM. #70                |
| 269 | --- | CONNECT TO "MULTILIN" TERM. #69                |
| 268 | --- | CONNECT TO "MULTILIN" TERM. #68                |
| 267 | --- | CONNECT TO "MULTILIN" TERM. #67                |
| 266 | --- | CONNECT TO "MULTILIN" TERM. #66                |
| 265 | --- | CONNECT TO "MULTILIN" TERM. #65                |
| 264 | --- | CONNECT TO "MULTILIN" TERM. #64                |
| 263 | --- | CONNECT TO "MULTILIN" TERM. #63                |
| 262 | --- | CONNECT TO "MULTILIN" TERM. #62                |
| 261 | --- | CONNECT TO "MULTILIN" TERM. #61                |
| 260 | --- | CONNECT TO "MULTILIN" TERM. #60                |
| 300 | --- | CONNECT TO "IRD" CH#3 TERM. #2                 |
| 301 | --- | CONNECT TO "IRD" CH#3 TERM. #3                 |
| 302 | --- | CONNECT TO "IRD" CH#3 TERM. #5                 |
| 303 | --- | CONNECT TO "IRD" CH#2 TERM. #2                 |
| 304 | --- | CONNECT TO "IRD" CH#2 TERM. #3                 |
| 305 | --- | CONNECT TO "IRD" CH#2 TERM. #5                 |
| 306 | --- | CONNECT TO "IRD" CH#1 TERM. #2                 |
| 307 | --- | CONNECT TO "IRD" CH#1 TERM. #3                 |
| 308 | --- | CONNECT TO "IRD" CH#1 TERM. #5                 |



|    |     |   |
|----|-----|---|
| 0  | --- | 120 VAC NEUTRAL<br>CONNECT TO "RVMS"<br>TERM. #0          |
| 0  | --- | TO "IRD" TERM.#4<br>SEE PAGE 6                            |
| 0  | --- | TO "MULTILIN" TERM.#43<br>SEE PAGE 7                      |
| 0  | --- | TO "MULTILIN" TERM.#43<br>SEE PAGE 7                      |
| 1  | --- | 120 VAC POWER<br>CONNECT TO "RVMS"<br>TERM. #1            |
| 1  | --- | TO "VSD", TERM. #25<br>SEE PAGE 2                         |
| 1  | --- | TO "IRD" TERM.#1<br>SEE PAGE 6                            |
| 1  | --- | TO "MULTILIN" TERM.#41<br>SEE PAGE 7                      |
| 2  | --- | TO "RVMS" TERM. #2  |
| 3  | --- | TO "RVMS" TERM. #3  |
| 4  | --- | TO "RVMS" TERM. #4  |
| 5  | --- | SPARE   |
| 6  | --- | TO "VFD" TERM. #X2-13                                     |
| 7  | --- | TO "VFD" TERM. #X2-14                                     |
| 8  | --- | TO "VFD" TERM. #X2-15                                     |
| 9  | --- | TO "VFD" TERM. #X2-16                                     |
| 10 | --- | TO "VFD" TERM. #X2-17                                     |
| 11 | --- | TO "VFD" TERM. #X2-18                                     |
| 12 | --- | TO "VFD" TERM. #X2-20                                     |
| 13 | --- | TO "IRD" TERM. #12  |
| 14 | --- | TO "IRD" TERM. #13  |
| 15 | --- | SPARE   |
| 16 | --- | TO "VFD" TERM. #X2-26                                     |
| 17 | --- | TO "VFD" TERM. #X2-28                                     |
| 18 | --- | TO "VFD" TERM. #X2-29                                     |
| 19 | --- | SPARE   |
| 20 | --- | TO "RVMS" TERM. #20                                       |
| 21 | --- | TO "RVMS" TERM. #21                                       |
| 22 | --- | TO "RVMS" TERM. #22                                       |
| 23 | --- | TO "RVMS" TERM. #23                                       |
| 24 | --- | TO "RVMS" TERM. #24                                       |
| 25 | --- | TO "RVMS" TERM. #25                                       |
| 26 | --- | TO "RVMS" TERM. #26                                       |
| 27 | --- | TO "RVMS" TERM. #27                                       |
| 28 | --- | TO "DCS" SEE PAGE 5                                       |
| 29 | --- | TO "DCS" SEE PAGE 5                                       |
| 30 | --- | TO "DCS" SEE PAGE 5                                       |
| 31 | --- | TO "DCS" SEE PAGE 5                                       |
| 32 | --- | FROM "DCS" SEE PAGE 5                                     |
| 33 | --- | FROM "DCS" SEE PAGE 5                                     |
| 34 | --- | "MULTILIN"<br>SEE PAGE 7                                  |
| 35 | --- | "IRD"<br>SEE PAGE 6                                       |
| 36 | --- | STATION DISCHARGE<br>VALVE/FLOOD PERMISSIVE<br>SEE PAGE 5 |
| 37 | --- | STATION DISCHARGE<br>VALVE/FLOOD PERMISSIVE<br>SEE PAGE 5 |
| 38 | --- | TO "DCS" SEE PAGE 5                                       |
| 39 | --- | TO "DCS" SEE PAGE 5                                       |
| 40 | --- | TO "DCS" SEE PAGE 5                                       |
| 41 | --- | TO "DCS" SEE PAGE 5                                       |
| 42 | --- | TO "IRD" TERM.#10   |
| 43 | --- | TO "IRD" TERM.#11   |
| 44 | --- | TO "IRD" TERM. #15  |
| 45 | --- | TO "IRD" TERM. #16  |
| 46 | --- | TO "IRD" TERM. #17  |
| 47 | --- | TO "DCS" SEE PAGE 5                                       |
| 48 | --- | TO "DCS" SEE PAGE 5                                       |
| 49 | --- | TO "DCS" SEE PAGE 5                                       |
| 50 | --- | DISCHARGE VALVE<br>ONLINE SW. STATUS<br>SEE PAGE 5        |
| 51 | --- | DISCHARGE VALVE<br>ONLINE SW. STATUS<br>SEE PAGE 5        |
| 52 | --- | TO "MULTILIN" TERM.#56                                    |
| 53 | --- | TO "MULTILIN" TERM.#57                                    |



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| REVISIONS:             | DATE:    | DATE: |
|------------------------|----------|-------|
| M300P REPLACEMENT REV. | 11/07/0m |       |
| AS BUILT               | 01/01/29 |       |
| AS COMMISSIONED        | 01/03/20 |       |

TITLE: 400HP VFD/RVMS STARTER-CONTROL SECTION TERMINALS  
PROJECT: PERIMETER PUMP STATION  
DRAWN: BERNIE DA SILVA  
DESIGN: BERNIE DA SILVA  
CHECK: DON WILSON  
CUSTOMER: City of Winnipeg / P.D.

SCALE: N.T.S.

PROJECT NUMBER: 00-4383 (page 10a of 11)

PROJECT: PERIMETER PUMP STATION