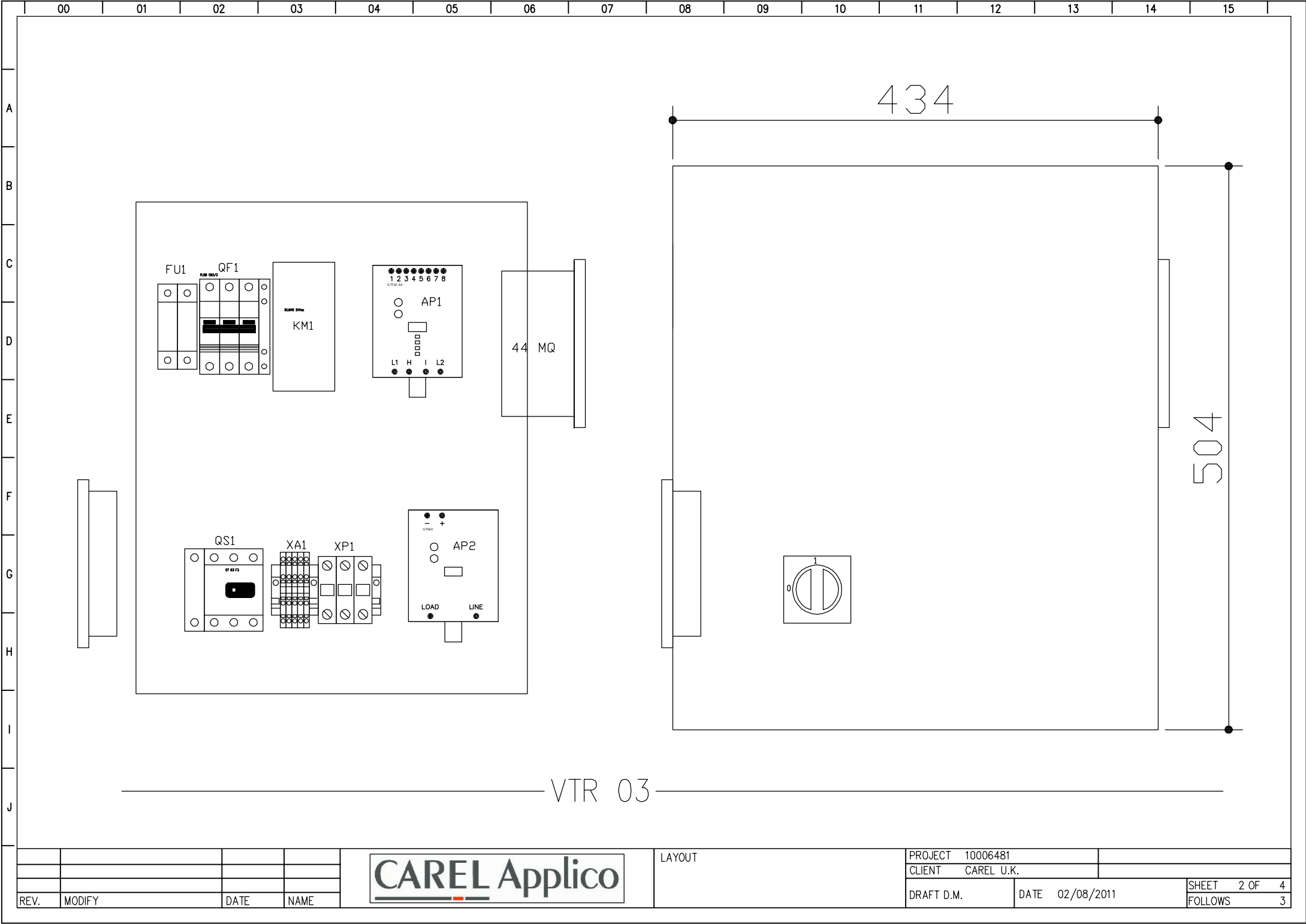


| SHEET | TITLE        |
|-------|--------------|
| 1     | INDEX        |
| 2     | LAYOUT       |
| 3     | POWER SUPPLY |
| 4     | PART LIST    |



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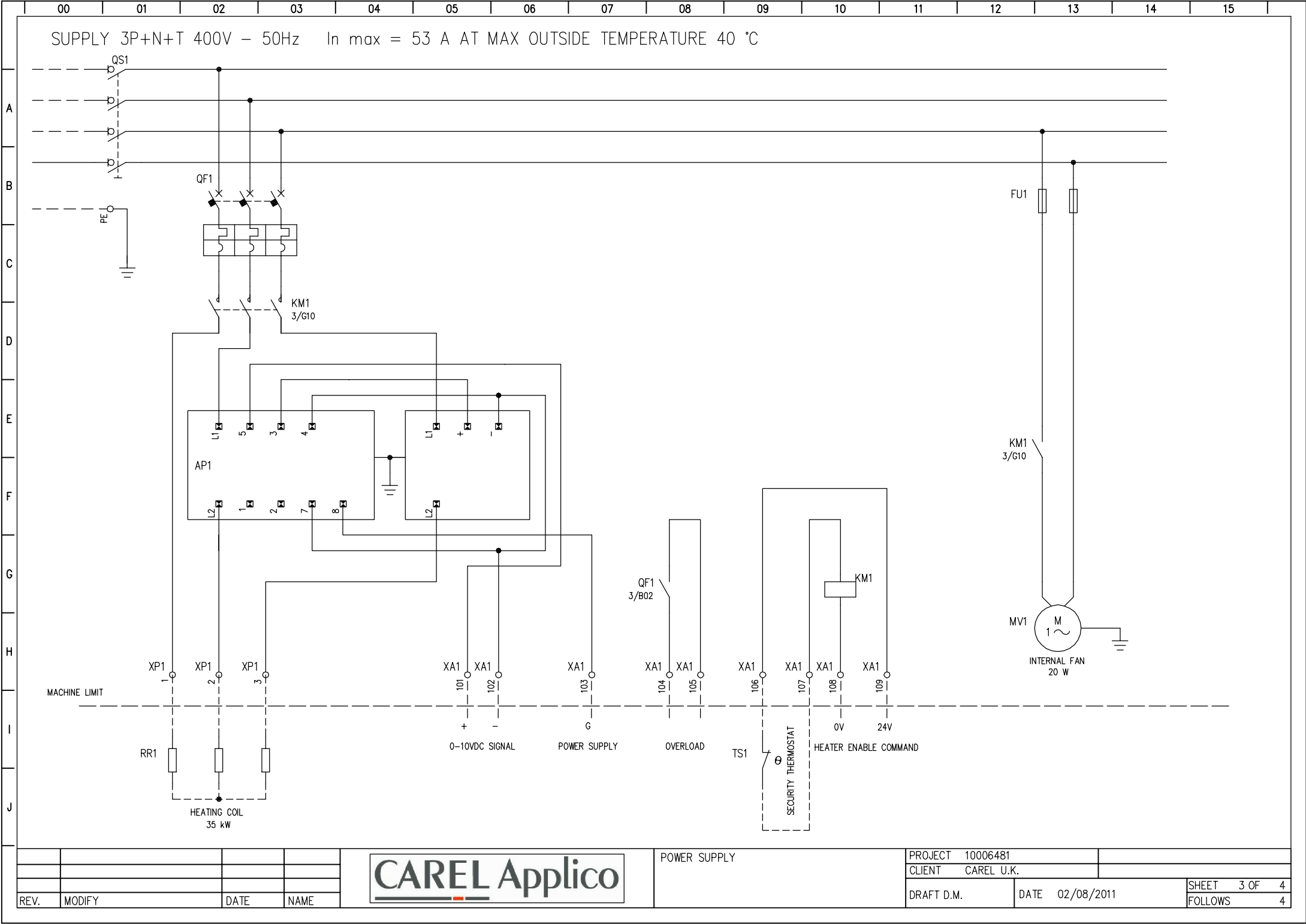
|        |                  |                 |                     |                      |
|--------|------------------|-----------------|---------------------|----------------------|
| DESIGN | VOLTAGE EXERCISE | 400 V           | STANDARD            | PROTECTION           |
| SERIES | VOLTAGE CONTROLS | 24 V            |                     |                      |
| JOB    | 10006481         | VOLTAGE SIGNALS |                     |                      |
| CLIENT |                  |                 |                     |                      |
|        |                  |                 | CM00006386          |                      |
|        |                  |                 |                     |                      |
|        |                  |                 |                     |                      |
|        |                  |                 |                     |                      |
|        |                  |                 | EXT EP SSR MAX 35KW |                      |
|        |                  |                 |                     |                      |
|        |                  |                 |                     |                      |
|        |                  |                 |                     |                      |
|        |                  |                 | 10006481.DWG        |                      |
|        |                  |                 |                     |                      |
| REV.   | REVISION         | DATE            | NAME                | SHEET<br>1<br>T.F. 4 |



|      |        |      |      |
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| REV. | MODIFY | DATE | NAME |
|      |        |      |      |
|      |        |      |      |



|            |                   |              |
|------------|-------------------|--------------|
| LAYOUT     | PROJECT 10006481  |              |
|            | CLIENT CAREL U.K. |              |
| DRAFT D.M. | DATE 02/08/2011   | SHEET 2 OF 4 |
|            |                   | FOLLOWS 3    |



| REV. | MODIFY | DATE | NAME |
|------|--------|------|------|
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POWER SUPPLY

|            |                 |              |
|------------|-----------------|--------------|
| PROJECT    | 10006481        | SHEET 3 OF 4 |
| CLIENT     | CAREL U.K.      |              |
| DRAFT D.M. | DATE 02/08/2011 | FOLLOWS 4    |

|      |        |                                     |      |                   |                                                                                      |    |          |             |            |    |                  |    |              |    |    |    |  |
|------|--------|-------------------------------------|------|-------------------|--------------------------------------------------------------------------------------|----|----------|-------------|------------|----|------------------|----|--------------|----|----|----|--|
|      | 00     | 01                                  | 02   | 03                | 04                                                                                   | 05 | 06       | 07          | 08         | 09 | 10               | 11 | 12           | 13 | 14 | 15 |  |
|      | Sigle  | Description                         |      |                   |                                                                                      |    | Position | Constructor | Code       |    |                  |    |              |    |    |    |  |
| A    | AP1    | RELAY SSR – MASTER                  |      |                   |                                                                                      |    | 3/F02    | GEFRAN      | GTT 60     |    |                  |    |              |    |    |    |  |
|      | AP2    | RELAY SSR – SLAVE                   |      |                   |                                                                                      |    | 3/F05    | GEFRAN      | GTS 60     |    |                  |    |              |    |    |    |  |
|      | FU1    | FUSE INTERNAL FAN                   |      |                   |                                                                                      |    | 3/B13    | ITALWEBER   | 1A AM      |    |                  |    |              |    |    |    |  |
|      | KM1    | CONTACTOR ELECTRIC HEATER           |      |                   |                                                                                      |    | 3/G10    | MOELLER     | DILM40 24V |    |                  |    |              |    |    |    |  |
| B    | MV1    | INTERNAL FAN                        |      |                   |                                                                                      |    | 3/G13    | FANDIS      | 20 W       |    |                  |    |              |    |    |    |  |
|      | QF1    | AUTOMATIC SWITCH ELECTRIC HEATER    |      |                   |                                                                                      |    | 3/B02    | MOELLER     | PLSM C63/3 |    |                  |    |              |    |    |    |  |
|      | QS1    | MAIN SWITCH                         |      |                   |                                                                                      |    | 3/A00    | ABB SACE    | OT 63 F3   |    |                  |    |              |    |    |    |  |
| C    | RR1    | ELECTRIC HEATER                     |      |                   |                                                                                      |    | 3/I01    |             | 35 kW      |    |                  |    |              |    |    |    |  |
|      | TS1    | SAFETY THERMOSTAT                   |      |                   |                                                                                      |    | 3/I09    |             |            |    |                  |    |              |    |    |    |  |
|      | XA1    | AUXILIARY TERMINAL BLOCK (101..109) |      |                   |                                                                                      |    | 3/H05    | PHOENIX     | STTB–2,5   |    |                  |    |              |    |    |    |  |
|      | XP1    | SUPPLY TERMINAL BLOCK (1...3)       |      |                   |                                                                                      |    | 3/H01    | PHOENIX     | UT 35      |    |                  |    |              |    |    |    |  |
|      |        |                                     |      |                   |                                                                                      |    |          |             |            |    |                  |    |              |    |    |    |  |
| D    |        |                                     |      |                   |                                                                                      |    |          |             |            |    |                  |    |              |    |    |    |  |
| E    |        |                                     |      |                   |                                                                                      |    |          |             |            |    |                  |    |              |    |    |    |  |
| F    |        |                                     |      |                   |                                                                                      |    |          |             |            |    |                  |    |              |    |    |    |  |
| G    |        |                                     |      |                   |                                                                                      |    |          |             |            |    |                  |    |              |    |    |    |  |
| H    |        |                                     |      |                   |                                                                                      |    |          |             |            |    |                  |    |              |    |    |    |  |
| I    |        |                                     |      |                   |                                                                                      |    |          |             |            |    |                  |    |              |    |    |    |  |
| J    |        |                                     |      |                   |                                                                                      |    |          |             |            |    |                  |    |              |    |    |    |  |
|      |        |                                     |      |                   |  |    |          | PART LIST   |            |    | PROJECT 10006481 |    |              |    |    |    |  |
|      |        |                                     |      | CLIENT CAREL U.K. |                                                                                      |    |          |             |            |    |                  |    |              |    |    |    |  |
|      |        |                                     |      | DRAFT D.M.        |                                                                                      |    |          |             |            |    | DATE 02/08/2011  |    | SHEET 4 OF 4 |    |    |    |  |
| REV. | MODIFY |                                     | DATE | NAME              |                                                                                      |    |          |             |            |    |                  |    | FOLLOWS      |    |    |    |  |