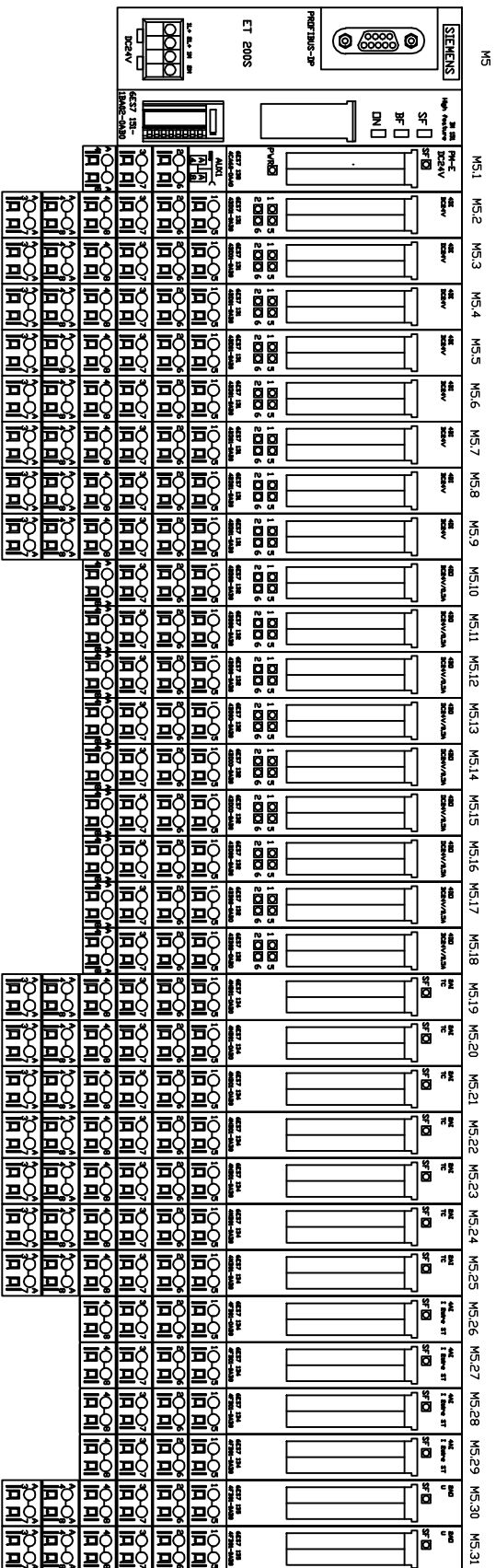




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| Rev. | Notes        | Check Date | Done  | A.G.H. | H3 Automatization |  | GENERAL CABLE |  | +MS |  | Tablero Extrusor Intermedio |  | Esc.  | N/A    | =1DA03 |  |
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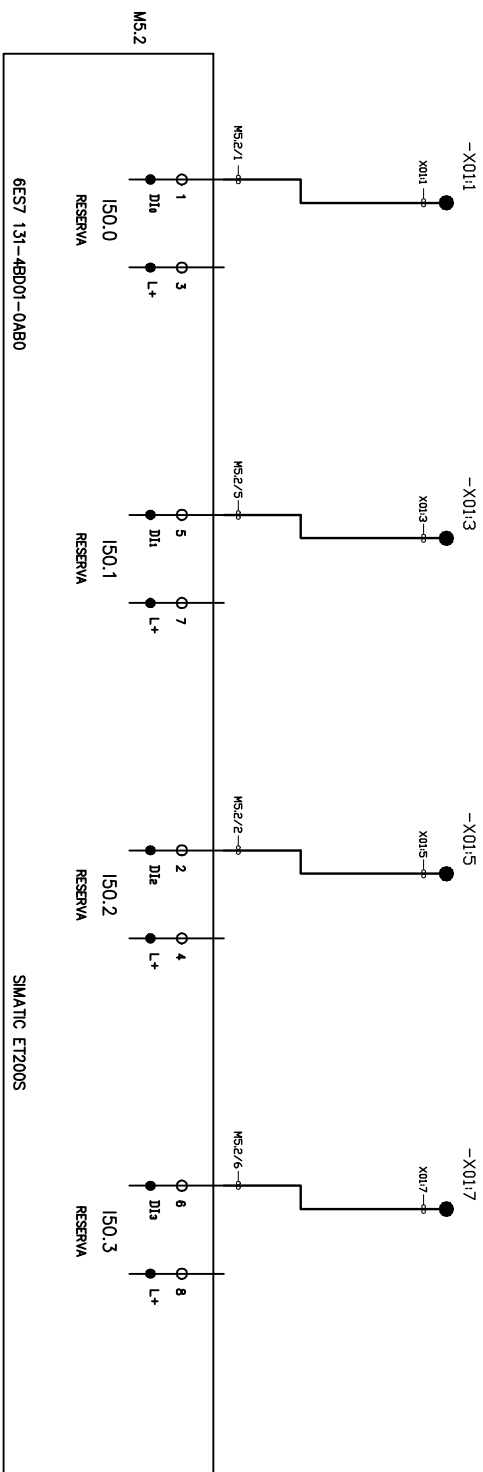
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| A    | FOR APPROVAL | 02-2010    | Check | A.C.J.  |                                                 |                                                                                   |                      |            | Ecc.                        | N/A | =IDA03 |  |
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# ESTADO DE LAS PROTECCIONES DEL EI

# PROTECCIONES DEL CABEZAL EI

# PROTECCIONES DE VENTILADORES EI

-CB5 -CB4 -CB3 -CB2 -CB1

-CB13 -CB14 -CB15 -CB16 -CB17

-CB18

-CB6 -CB7 -CB8 -CB9 -CB10

/11L+ /4.8

/6.1 /11L+

-X01:18

-X01:20

-X01:22

-X01:24

-X01:17

-X01:19

-X01:21

-X01:23

X01:17

X01:19

X01:21

X01:23

M5.4/1

M5.4/5

M5.4/2

M5.4/6

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D10

L+

D11

L+

D12

L+

D13

L+

Estado de las protecciones de las zonas de calentamiento EI

Estado de las protecciones de las zonas de calentamiento del cabezal EI

Estado de las protecciones de los ventiladores del EI

6ES7 131-4BD01-0A80

SIMATIC ET200S

Reserva

IS1.0

IS1.1

IS1.2

IS1.3

Rev. Notes

FOR APPROVAL

Check Date 02-2010

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Check A.C.J.

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Date 02-2010

H3 Automatizacion S.A. de C.V.

GENERAL CABLE

+M5

Tablero Extrusor Intermedio

Drawing No: 77777777

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Asct. min

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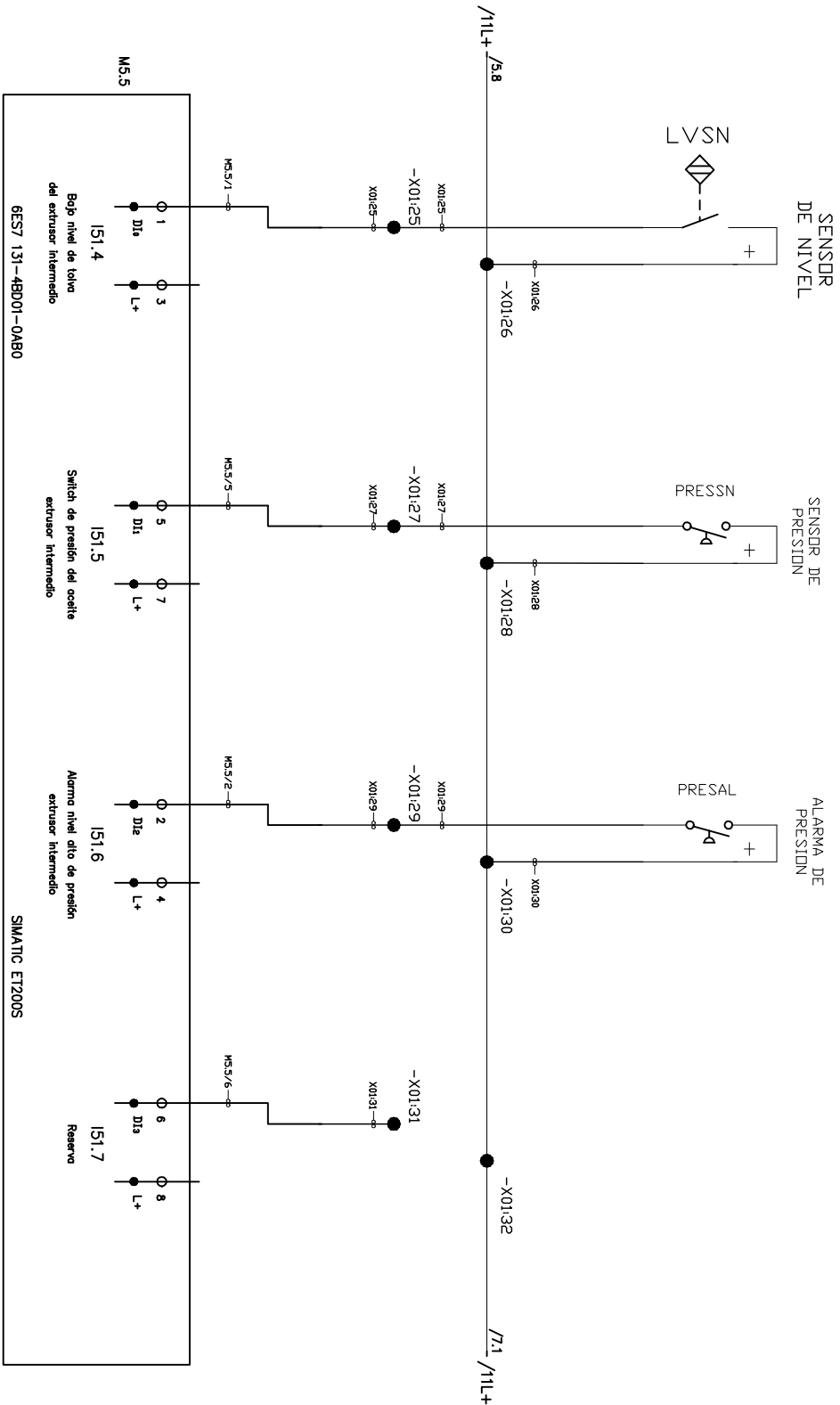
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-1DA03

+2909

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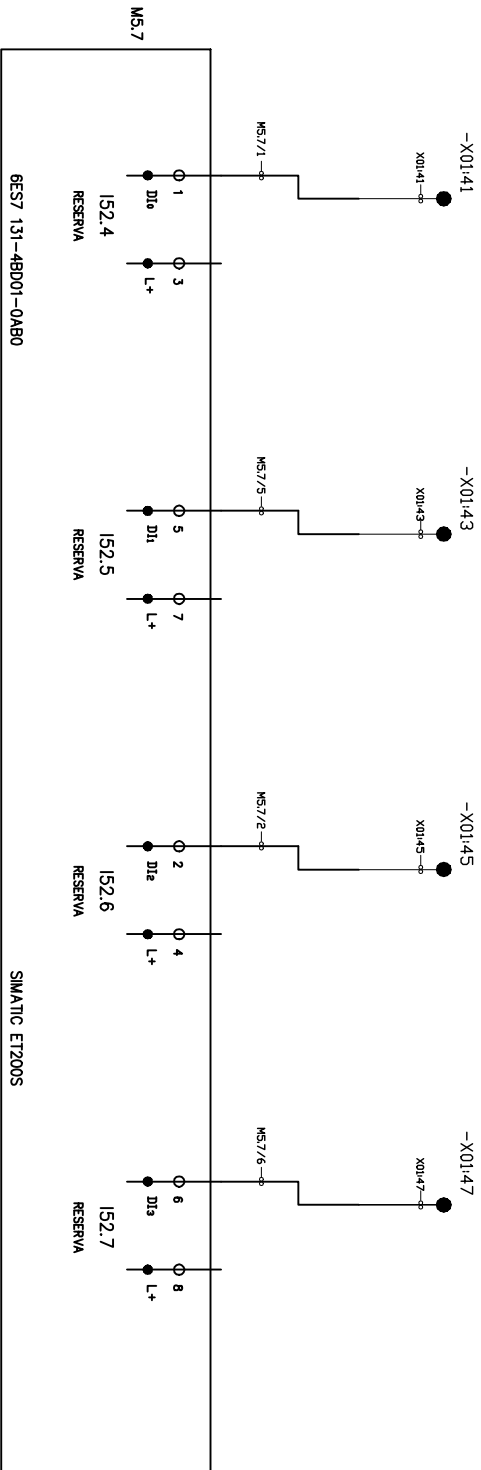
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/11L+ /7.8  
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/9.1 /11L+



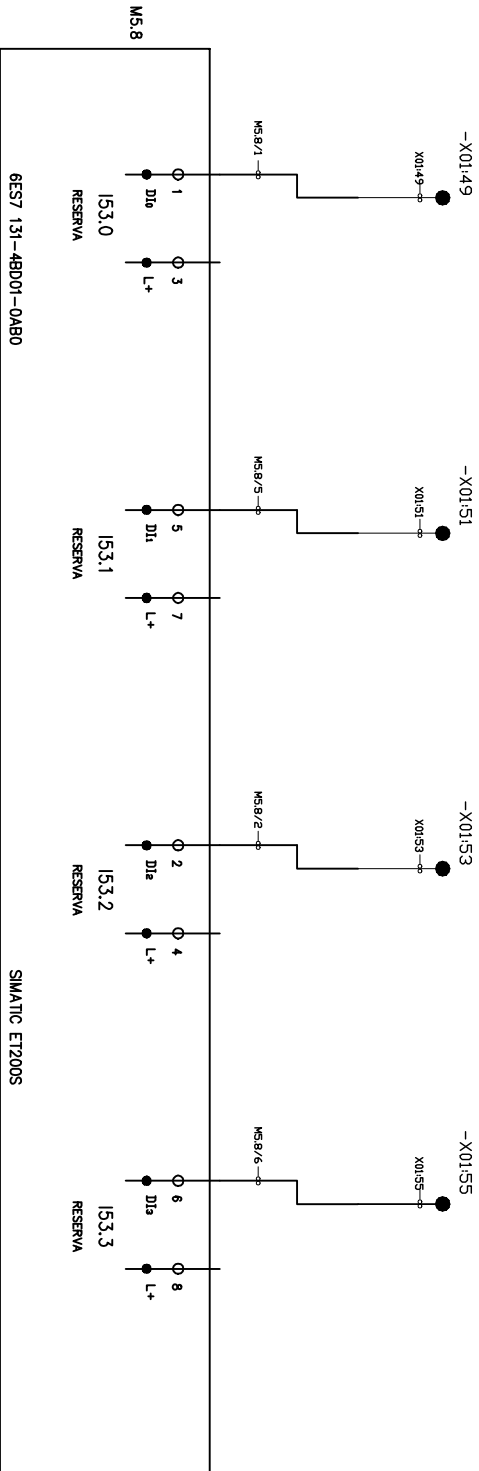
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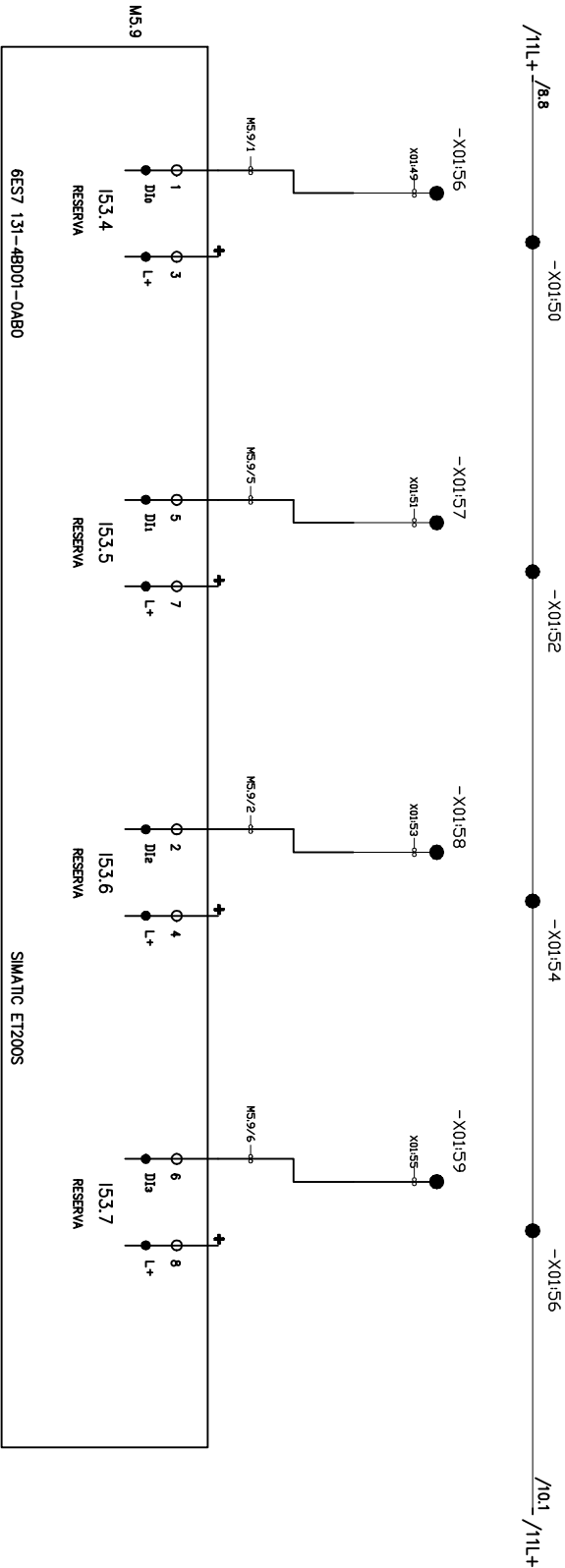


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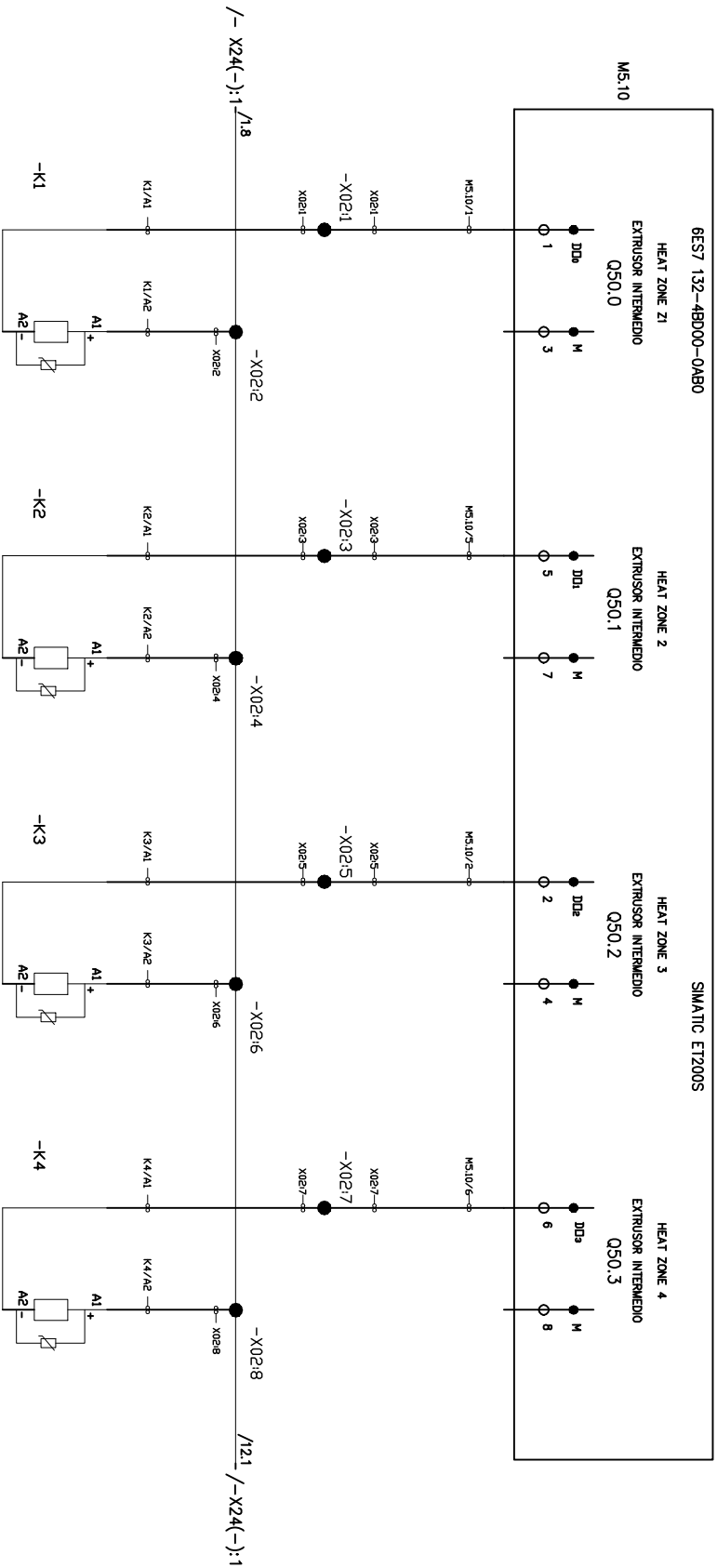


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|      |              |            | Date  |        |                                  |  |               |  |     |  |                             |  |           |  | Or. 41    |  |

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L1 \_\_\_\_\_ T1 /35.2  
L2 \_\_\_\_\_ T2 /35.2  
L3 \_\_\_\_\_ T3 /35.3

L1 \_\_\_\_\_ T1 /35.4  
L2 \_\_\_\_\_ T2 /35.4  
L3 \_\_\_\_\_ T3 /35.4

L1 \_\_\_\_\_ T1 /35.5  
L2 \_\_\_\_\_ T2 /35.5  
L3 \_\_\_\_\_ T3 /35.5

L1 \_\_\_\_\_ T1 /35.7  
L2 \_\_\_\_\_ T2 /35.7  
L3 \_\_\_\_\_ T3 /35.7

ZONA DE CALENTAMIENTO Z1

ZONA DE CALENTAMIENTO Z2

ZONA DE CALENTAMIENTO Z3

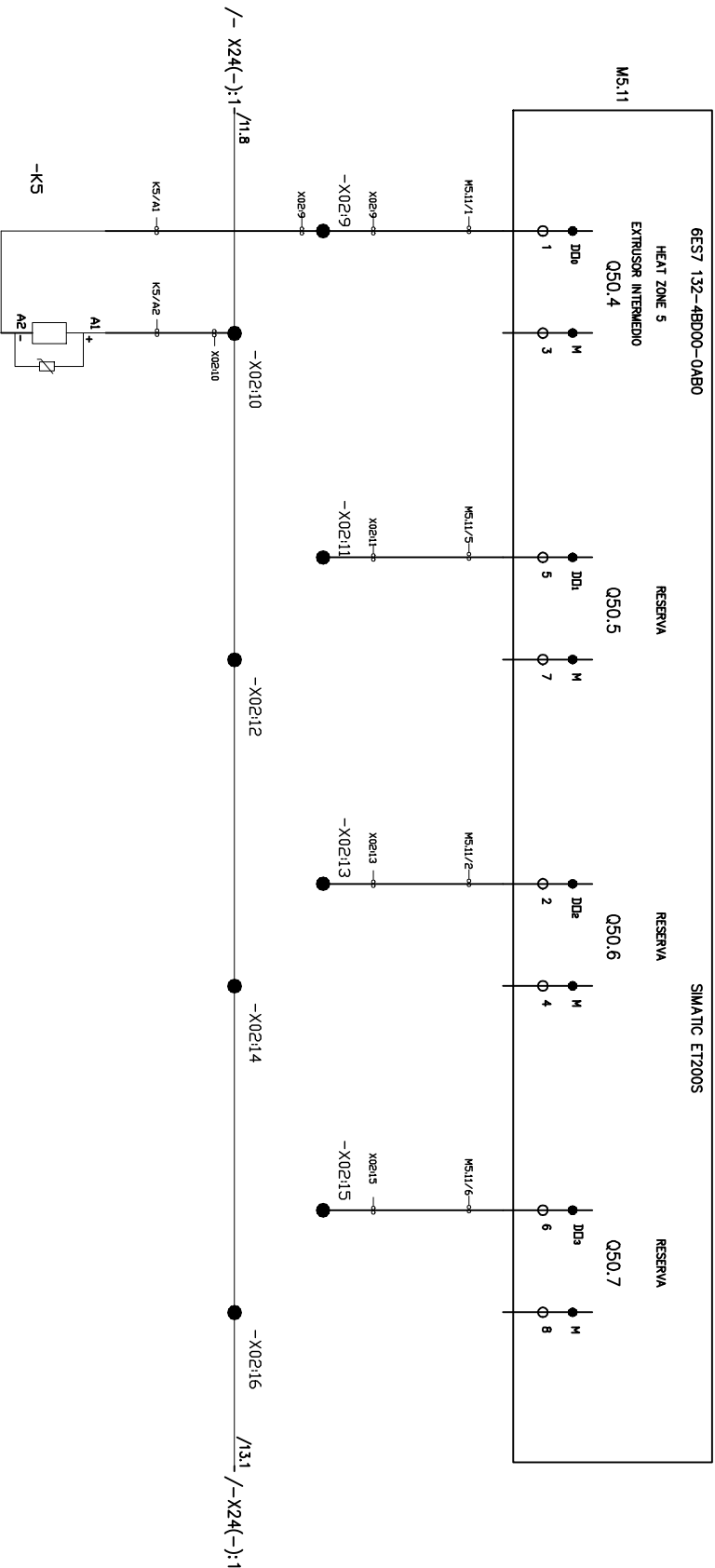
ZONA DE CALENTAMIENTO Z4

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|      |              | Date       | 02-2010 |        |                                   |                                                                                   |               |     |                             |          |           | Of: 41 |                 |

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L1 \_\_\_\_\_ T1 /36.2  
L2 \_\_\_\_\_ T2 /36.2  
L3 \_\_\_\_\_ T3 /36.3

ZONA DE CALENTAMIENTO Z5

| Rev. | Notes        | Check Date | Done  | A.G.H. | H3 Automatizacion S.A. de C.V. |  | GENERAL CABLE |  | +MS |  | Tablero Extrusor Intermedio |  | Esc.  | N/A       | =1DA03 |  |
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|      |              |            | Apov  | 7      | Date                           |  |               |  |     |  |                             |  |       | Sheet: 12 |        |  |
|      |              |            |       |        | 02-2010                        |  |               |  |     |  |                             |  |       | OK: 41    |        |  |

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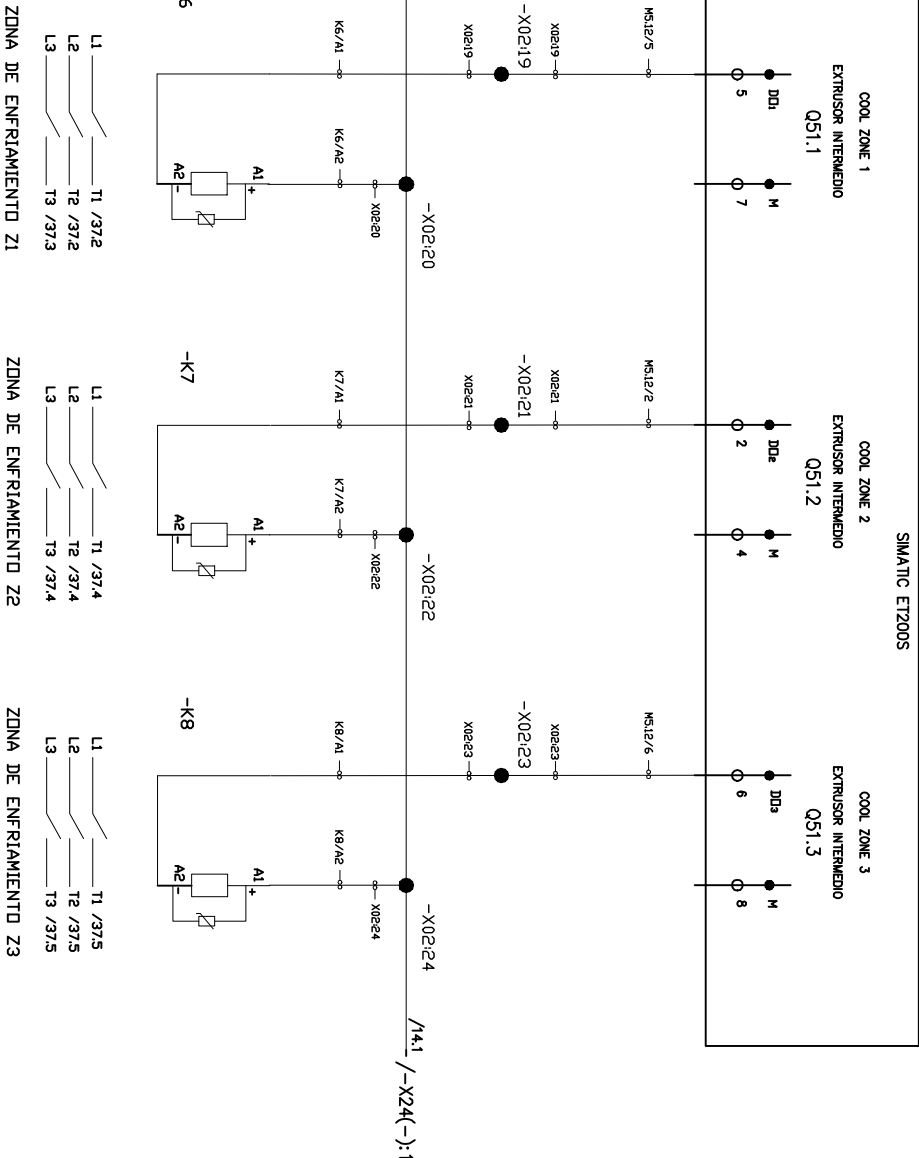
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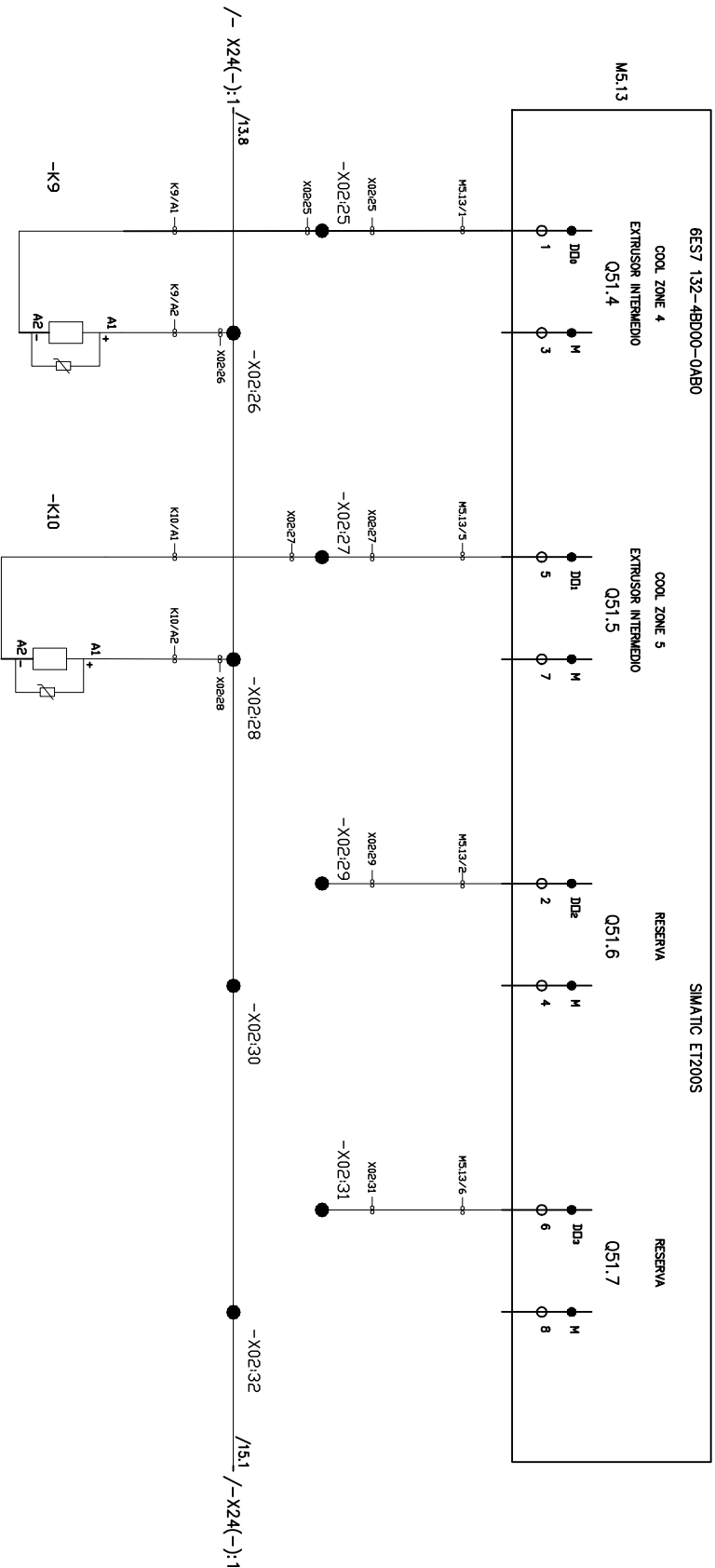
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L2 \_\_\_\_\_ T2 / 37.7  
L3 \_\_\_\_\_ T3 / 37.7

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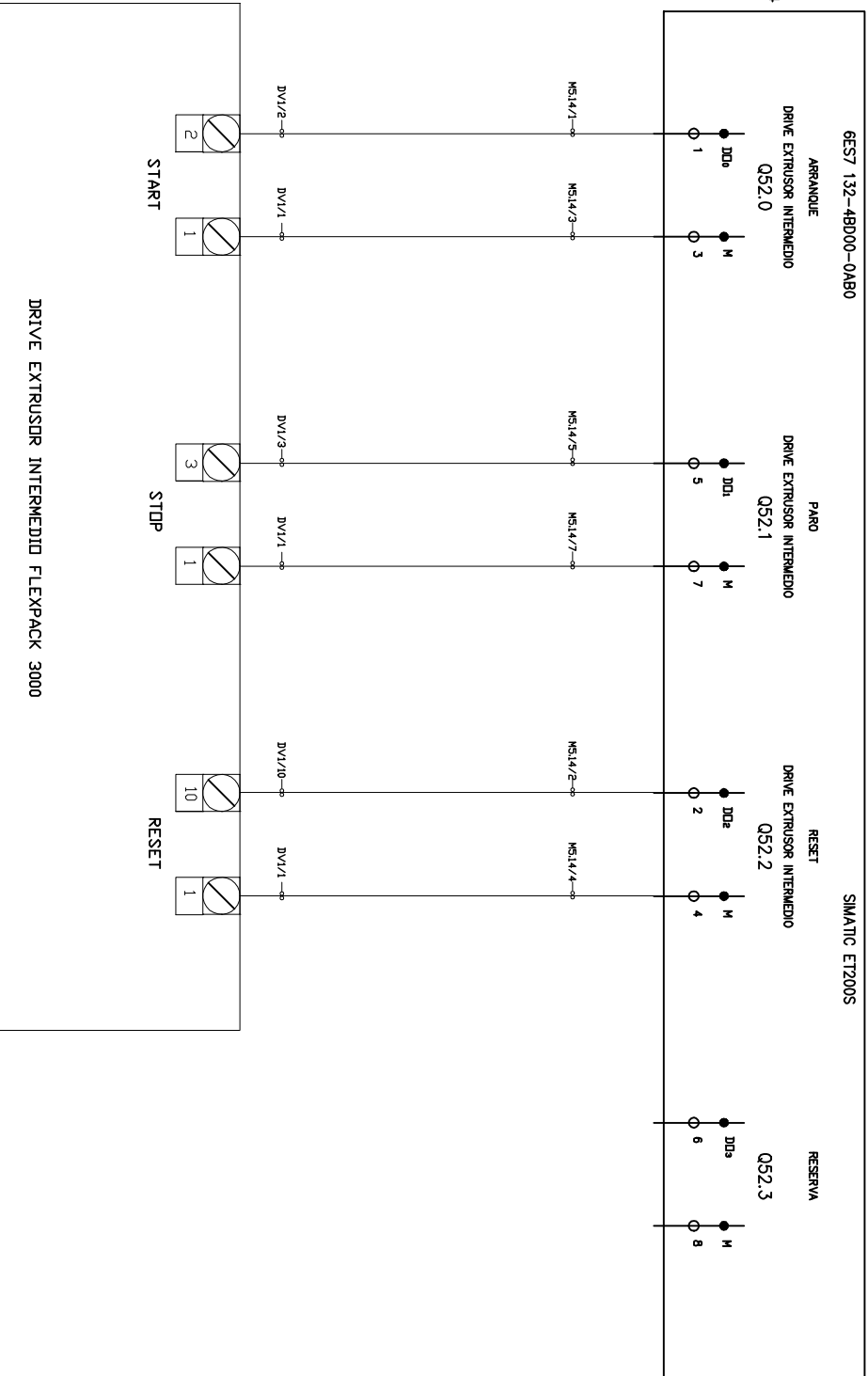
ZONA DE ENFRIAMIENTO Z4

ZONA DE ENFRIAMIENTO Z5

| Rev. | Notes        | Check Date | Done  | A.G.H. | H3 Automatizacion S.A. de C.V. |      |         | GENERAL CABLE |  |  | +M5 |  |  | Tablero Extrusor Intermedio |  |  | Esc.  | N/A | -1DA03    |  |  |
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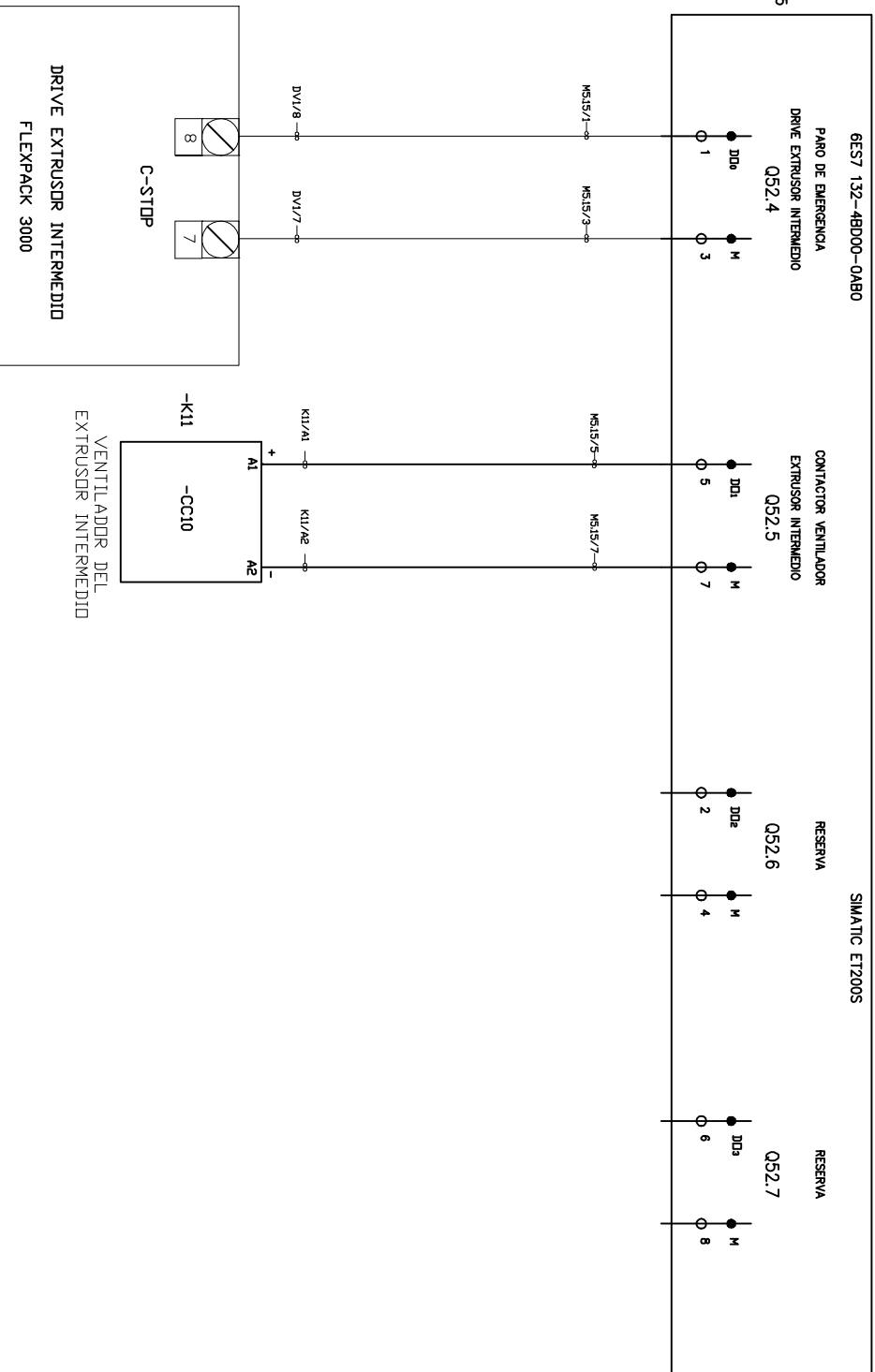
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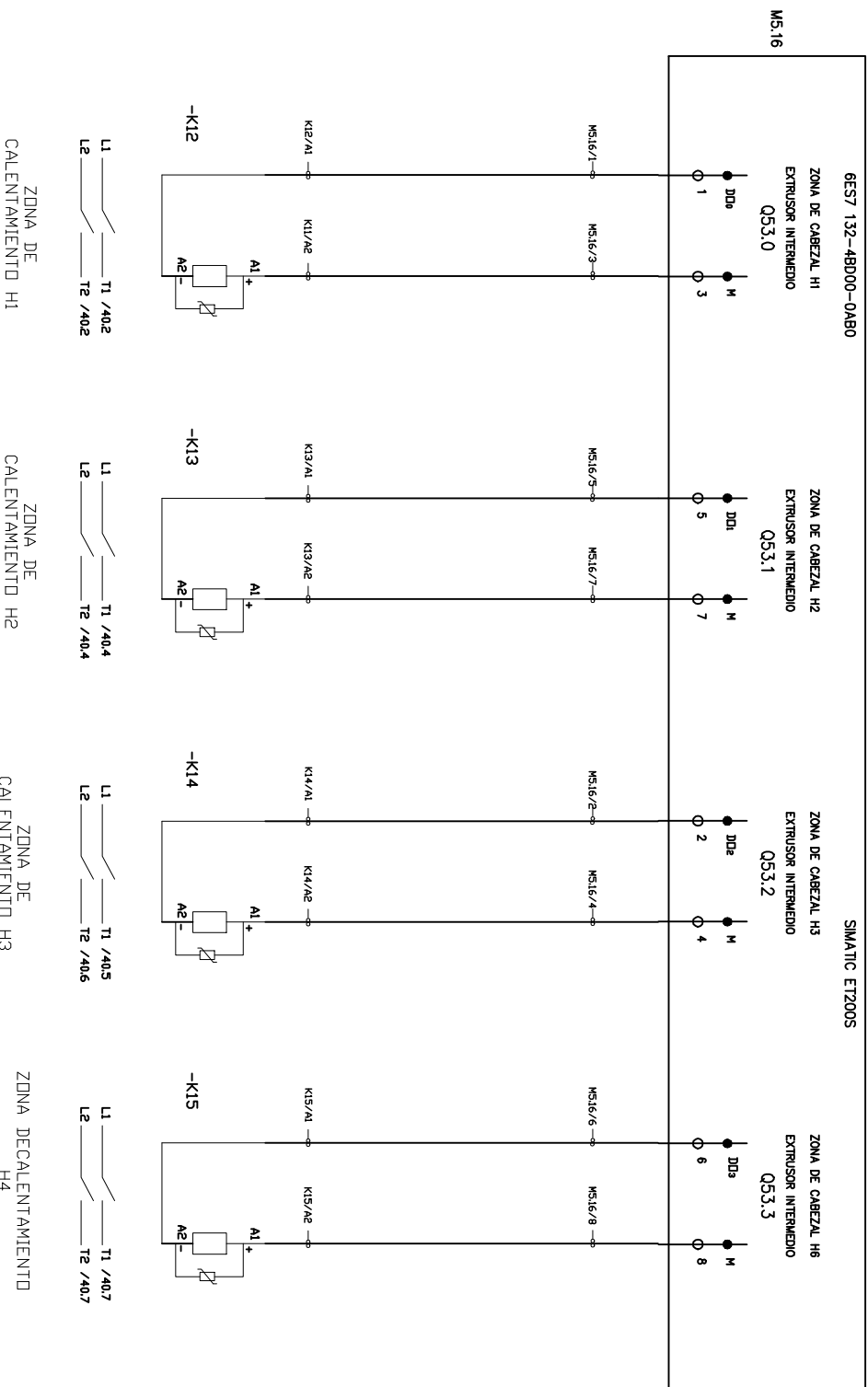
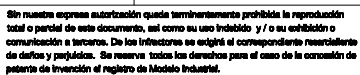
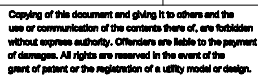
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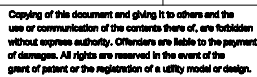
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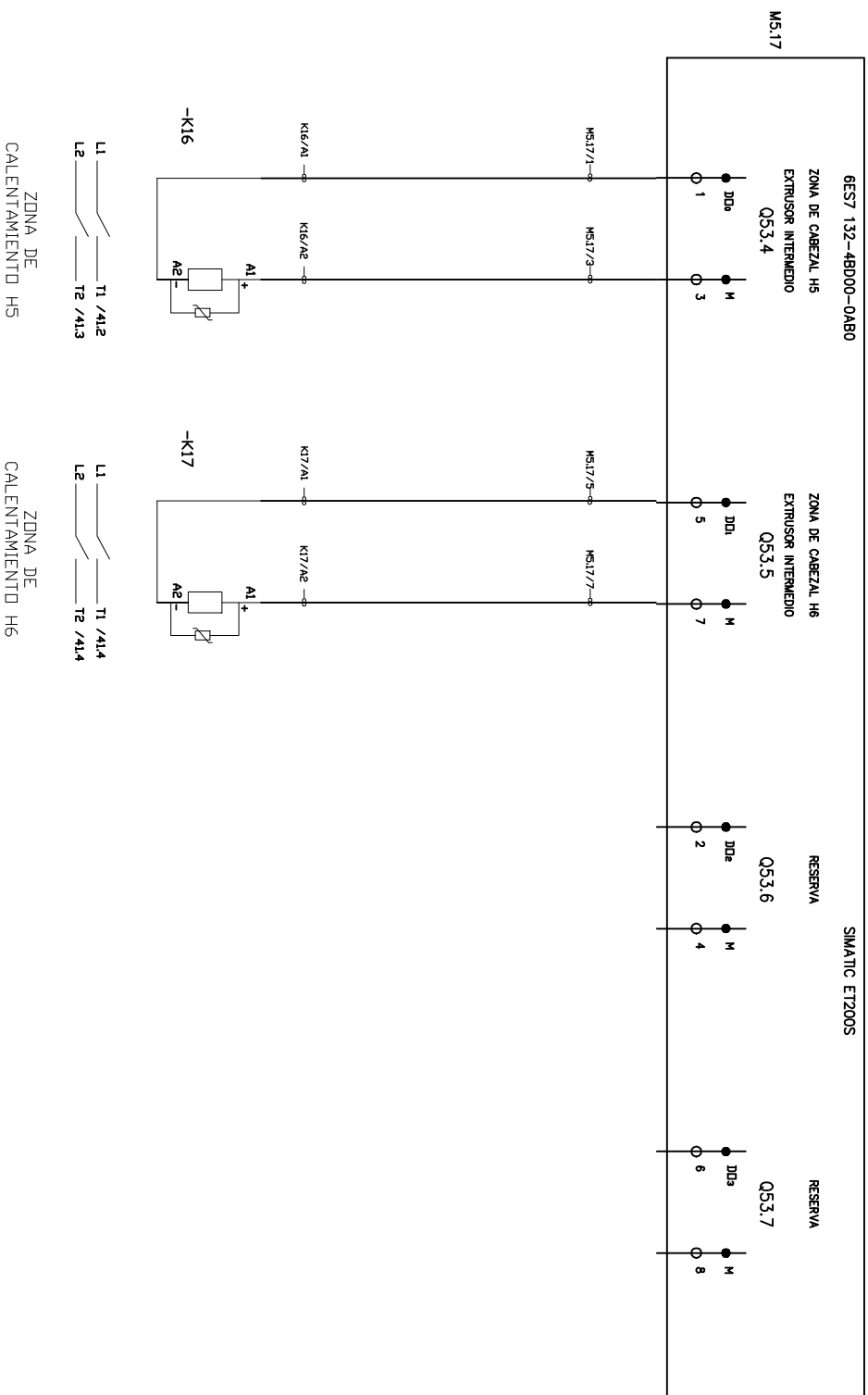
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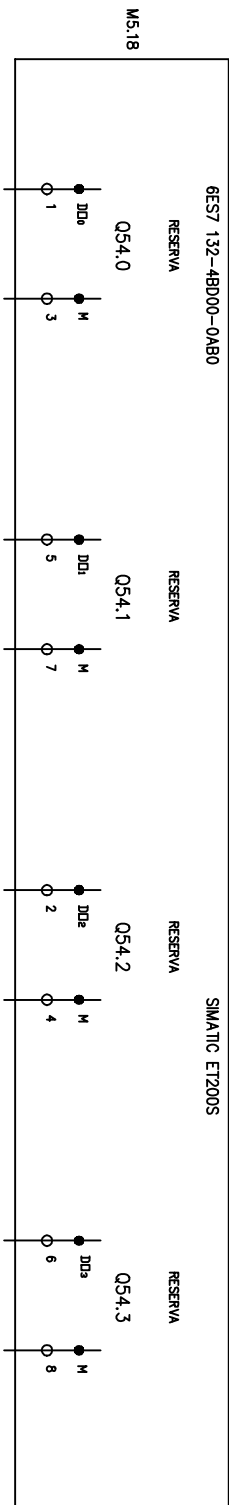
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| A    | FOR APPROVAL | 02-2010    | Check | A.C.J.  |                                                 |                                                                                                           |            | Etc. N/A                    | =IDA03    |  |
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|      |              |            | Date  | 02-2010 |                                                 |                                                                                                           |            | Drawing No: 7777777777      | Sheet: 17 |  |
|      |              |            |       |         |                                                 |                                                                                                           |            | Of: 41                      |           |  |



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|      |              |            |       |         |                                                 |                                                                                                         |            |                             |    |           |  |      |     |                 |
|------|--------------|------------|-------|---------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------|-----------------------------|----|-----------|--|------|-----|-----------------|
| Rev. | Notes        | Check Date | Done  | A.G.H.  | <b>H3 Automatizacion</b><br><b>S.A. de C.V.</b> |  <b>GENERAL CABLE</b> | <b>+M5</b> | Tablero Educador Intermedio |    |           |  | Esp. | N/A | =1DA03<br>+2839 |
| A    | FOR APPROVAL | 02-2010    | Check | A.C.J.  |                                                 |                                                                                                         |            | Acod.                       | mm | Sheet: 18 |  |      |     |                 |
|      |              |            | Aproy | ?       |                                                 |                                                                                                         |            |                             |    | Of: 41    |  |      |     |                 |
|      |              |            | Date  | 02-2010 |                                                 |                                                                                                         |            |                             |    |           |  |      |     |                 |



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| Rev. | Notes        | Check Date | Done  | A.G.H.  | <b>H3 Automatizacion</b><br><b>S.A. de C.V.</b> | <br><b>GENERAL CABLE</b> | <b>+M5</b> | Tablero Extensor Intermedio |    | Esc.      | N/A | =IDA03 |
| A    | FOR APPROVAL | 02-2010    | Check | A.C.J.  |                                                 |                                                                                                           |            | Aod.                        | mm | +2509     |     |        |
|      |              |            | Apov  | ?       |                                                 |                                                                                                           |            | Drawing No:                 |    | Sheet: 19 |     |        |
|      |              |            | Date  | 02-2010 |                                                 |                                                                                                           |            | ??????????                  |    | Ct: 41    |     |        |
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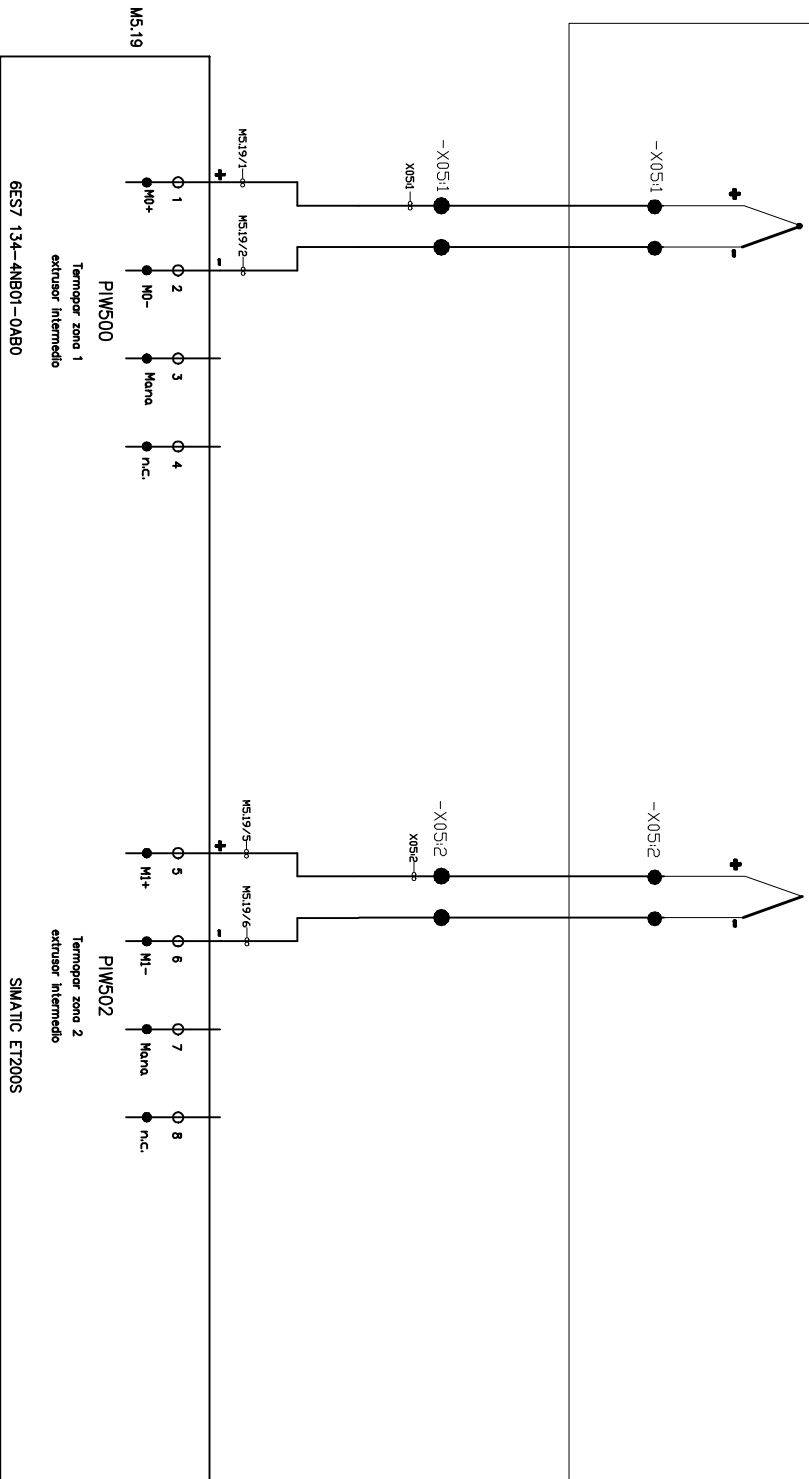
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## CUERPO DEL EXTRUSOR INTERMEDIO

### ZONA DE CALENTAMIENTO Z1

### ZONA DE CALENTAMIENTO Z2



| Rev. | Notes        | Check Date | Done  | A.G.H. | H3 Automatizaciones S.A. de C.V. |  | GENERAL CABLE |  | +M5 |  | Tablero Extrusor Intermedio |  | Esc. N/A  |  | -1DA03    |  |
|------|--------------|------------|-------|--------|----------------------------------|--|---------------|--|-----|--|-----------------------------|--|-----------|--|-----------|--|
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|      |              |            | Agrov | 7      | Date                             |  | 02-2010       |  |     |  | Drawing No:                 |  | Asst. min |  | Sheet: 20 |  |
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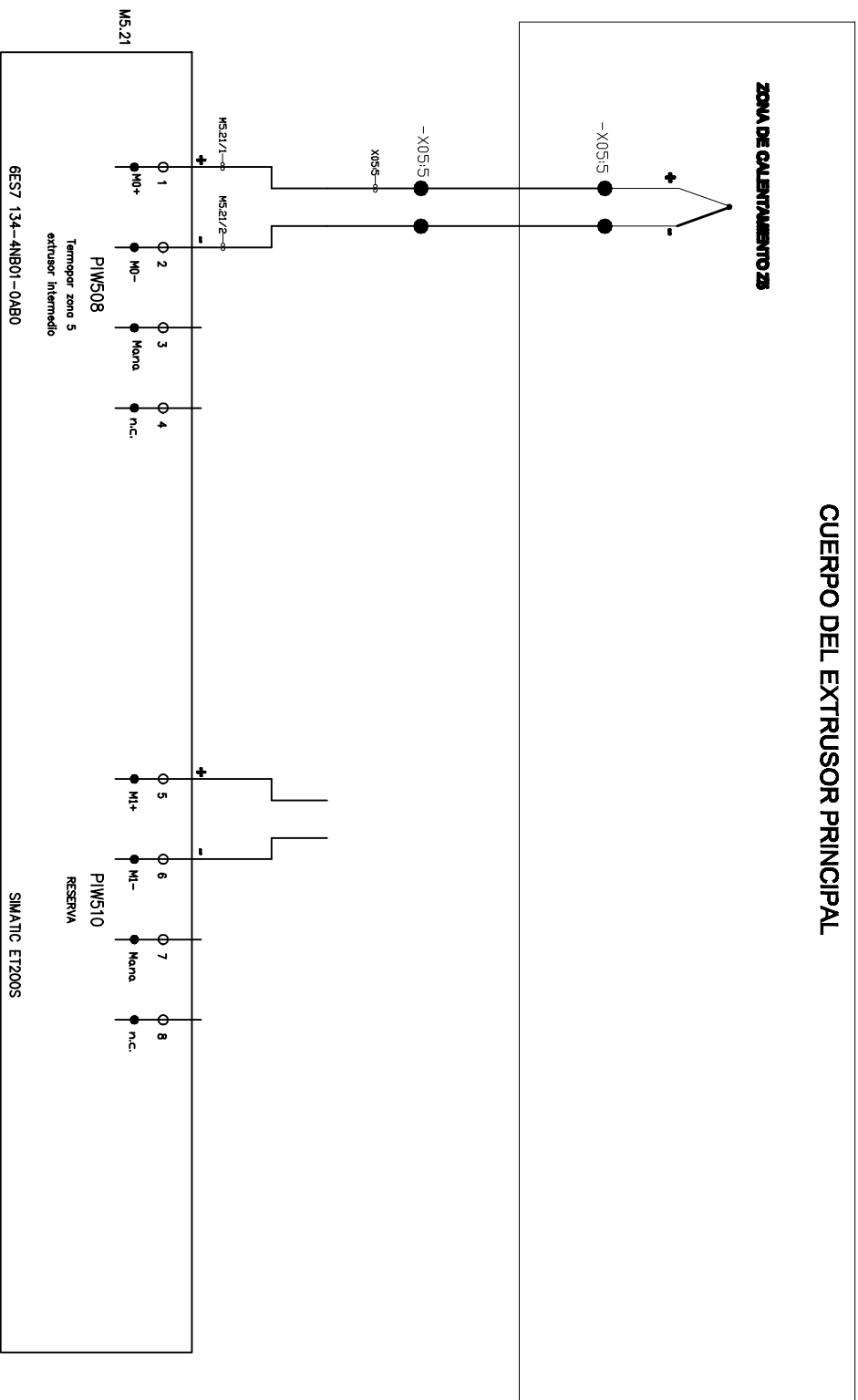
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| Rev.                                  | Notes        | Check Date | Done  | A.G.H.  |  <b>GENERAL CABLE</b> | +M5 | Tubocon Extruder Intermedio |    | Eac.  | N/A | =1D-A03 |
| A                                     | FOR APPROVAL | 02-2010    | Check | A.C.J.  |                                                                                                        |     | Aax.                        | mm | +2S03 |     |         |
|                                       |              |            | Apov  | ?       |                                                                                                        |     | Sheet: 22                   |    |       |     |         |
|                                       |              |            | Date  | 02-2010 |                                                                                                        |     | Drawing No: 7777777777      |    |       |     |         |
|                                       |              |            |       |         |                                                                                                        |     | Of: 41                      |    |       |     |         |
| <b>H3 Automatizacion S.A. de C.V.</b> |              |            |       |         |                                                                                                        |     |                             |    |       |     |         |

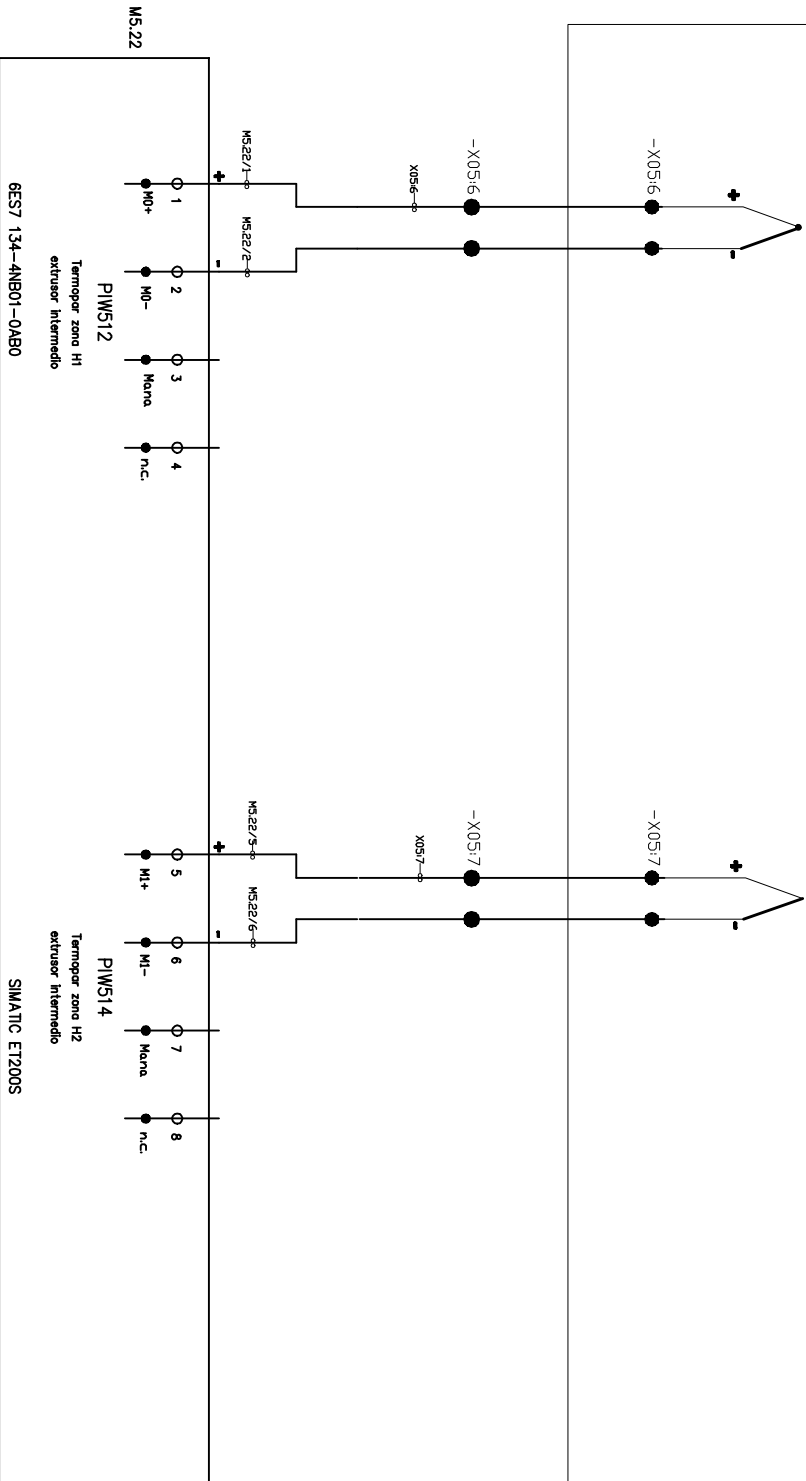
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ZONA DE CALENTAMIENTO H1

CUERPO DEL CABEZAL DEL EXTRUSOR  
INTERMEDIO

ZONA DE CALENTAMIENTO H2



| Rev. | Notes        | Check Date | Done  | A.G.H.  | H3 Automatizaciones S.A. de C.V. |  |  | GENERAL CABLE |  | +M5 |  | Tablero Extrusor Intermedio |  | Esc. N/A  |  | -1DA03    |  |
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|      |              |            | Apov  | 7       |                                  |  |  |               |  |     |  | Drawing No: ????????        |  | Asst. min |  | Sheet: 23 |  |
|      |              |            | Date  | 02-2010 |                                  |  |  |               |  |     |  |                             |  |           |  | OK: 41    |  |

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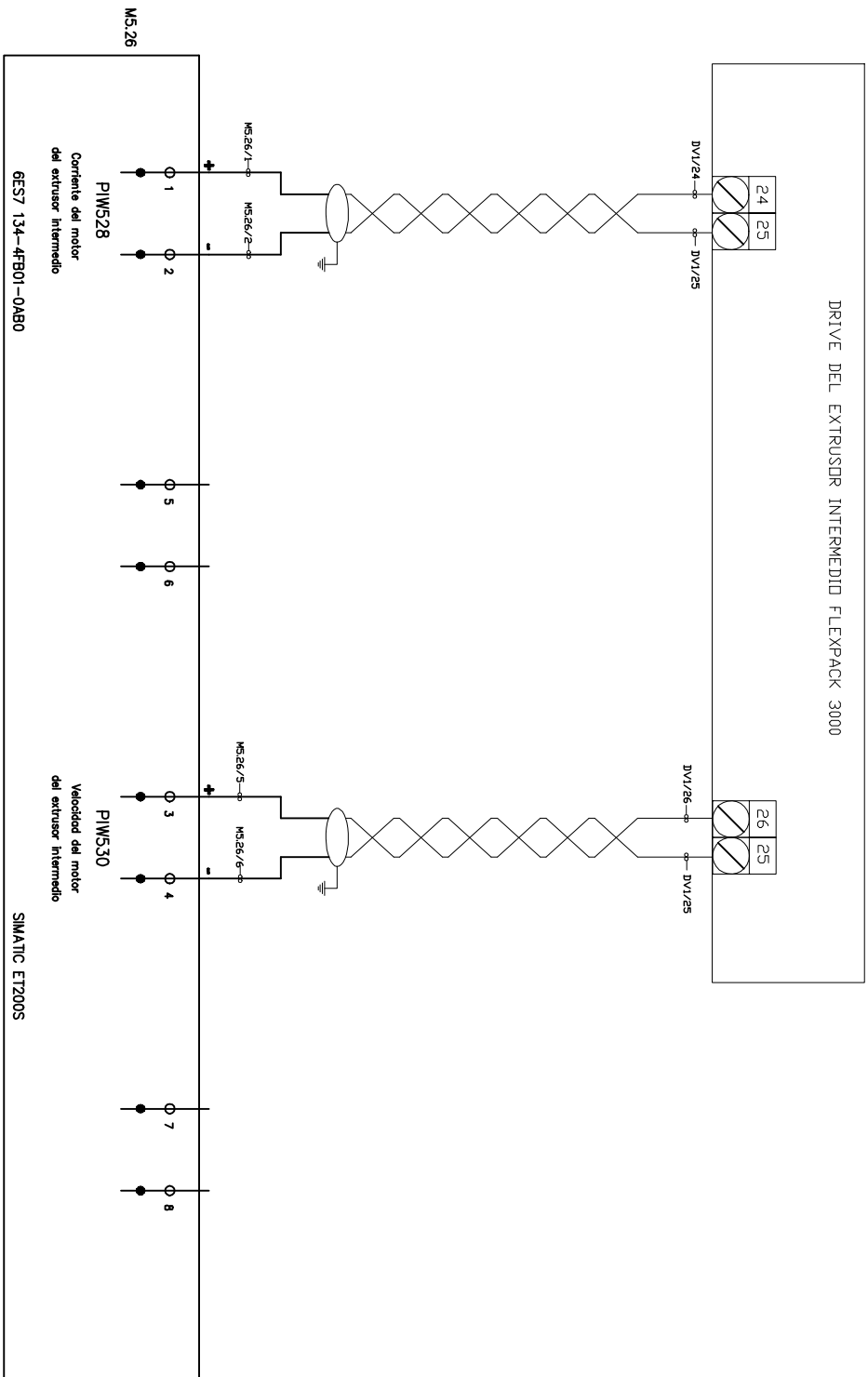






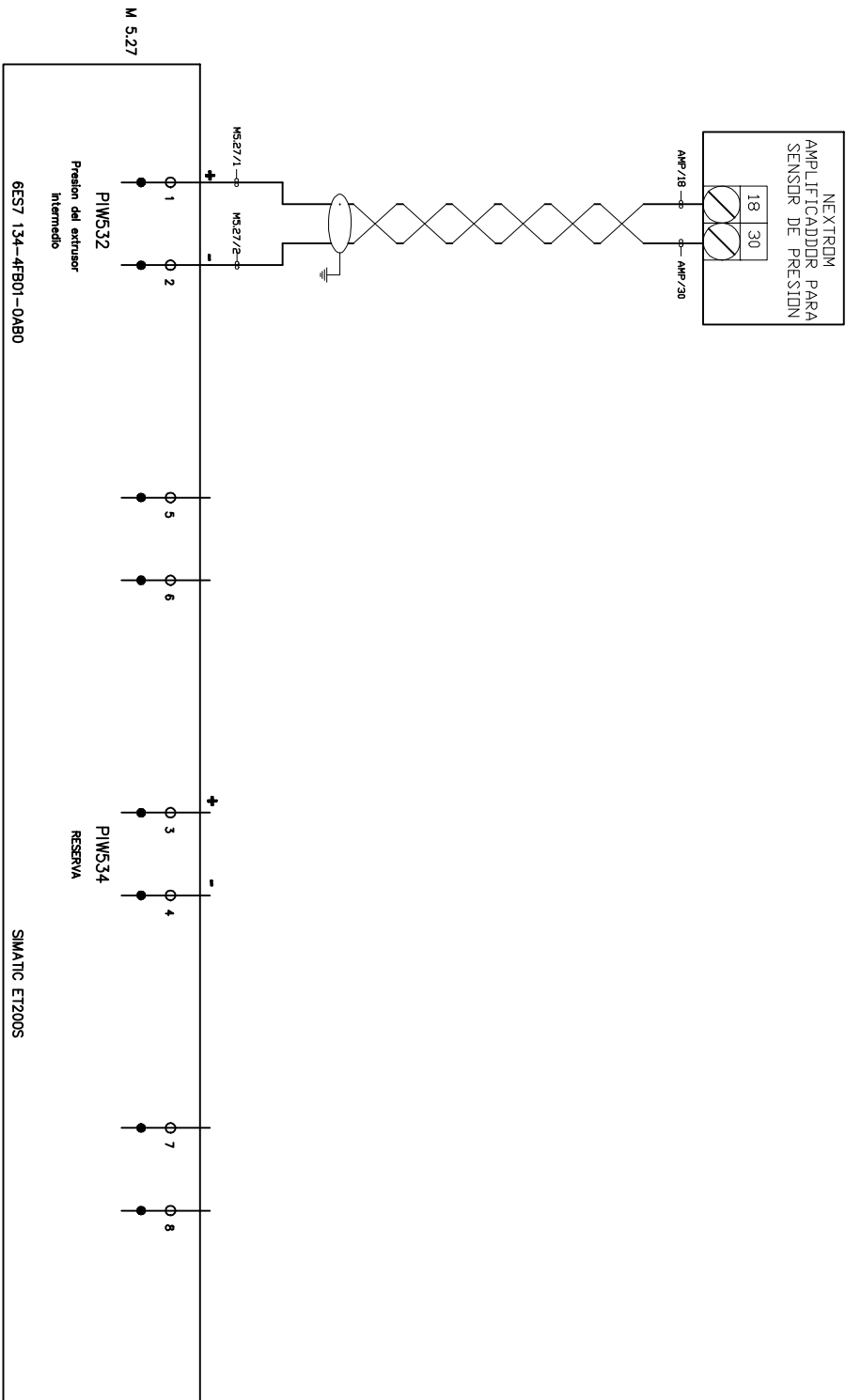
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|      |              |            | Apov  | ?       |                                                                                                        |            |                             | Sheet: 27 |      |       |        |
|      |              |            | Date  | 02-2010 |                                                                                                        |            |                             | Of: 41    |      |       |        |

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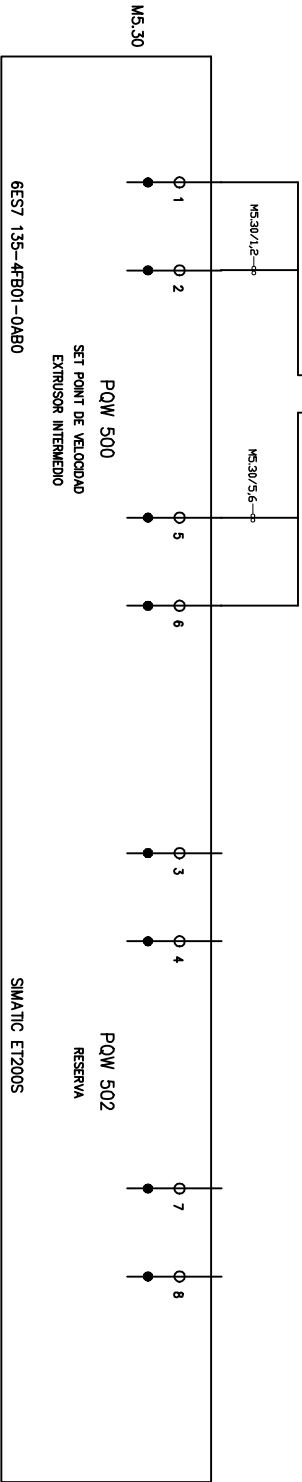
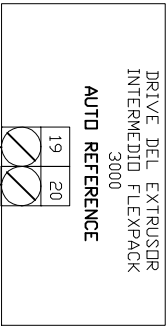
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| Rev. | Notes        | Check Date | Done    | A.G.H. | <b>H3 Automatizacion<br/>S.A. de C.V.</b> |  | <b>GENERAL CABLE</b> | <b>+M5</b> | Tablero Edmisor Intermedio |        |  |
| A    | FOR APPROVAL | 02-2010    | Check   | A.C.J. |                                           |                                                                                    |                      |            | Esp. N/A                   | =IDA03 |  |
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|      |              | Data       | 02-2010 |        |                                           |                                                                                    |                      |            | Sheet: 28                  |        |  |
|      |              |            |         |        |                                           |                                                                                    |                      |            | Drawing No:                |        |  |
|      |              |            |         |        |                                           |                                                                                    |                      |            | ???????????                | Ct: 41 |  |





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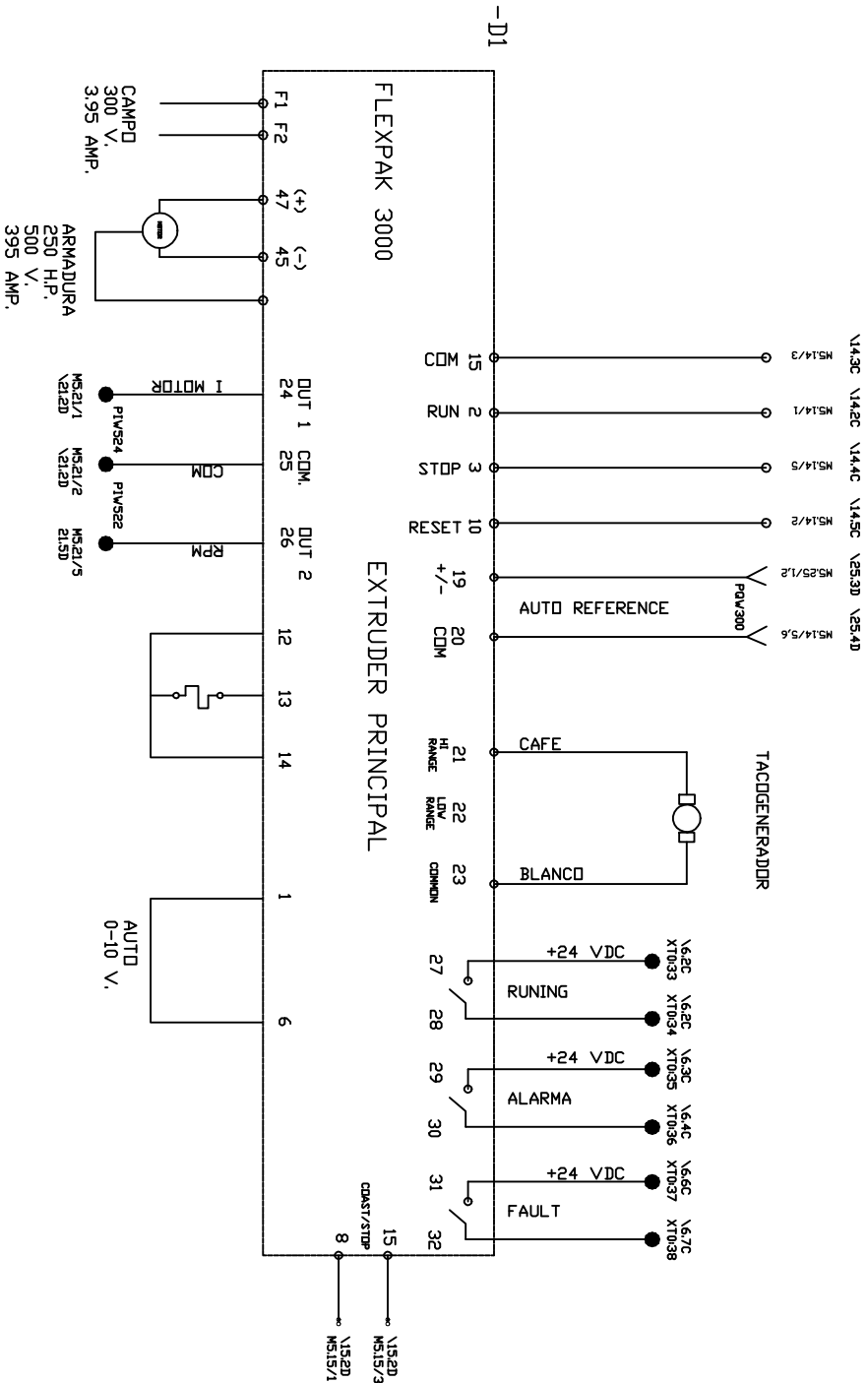
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| A    | FOR APPROVAL | 02-2010    | Check | A.C.J. | S.A. de C.V.      |  |  |               |  |  |     |  |  | Drawing No:                 |  |  | Asst. | min | +2509  |
|      |              |            | Apov  | 7      |                   |  |  |               |  |  |     |  |  | Sheet: 31                   |  |  | OK    | 41  |        |

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| A |  |  |  |  |  |  |  |  |  | B |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
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| A |  |  |  |  |  |  |  |  |  | B |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
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| A |  |  |  |  |  |  |  |  |  | B |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
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| A |  |  |  |  |  |  |  |  |  | B |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
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| A |  |  |  |  |  |  |  |  |  | B |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
| 1 |  |  |  |  |  |  |  |  |  | 2 |  |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |  | 4 |  |  |  |  |  |  |  |  |  | 5 |  |  |  |  |  |  |  |  |  | 6 |  |  |  |  |  |  |  |  |  | 7 |  |  |  |  |  |  |  |  |  | 8 |  |  |  |  |  |  |  |  |  |
| A |  |  |  |  |  |  |  |  |  | B |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
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| A |  |  |  |  |  |  |  |  |  | B |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
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| A |  |  |  |  |  |  |  |  |  | B |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
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| A |  |  |  |  |  |  |  |  |  | B |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
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| A |  |  |  |  |  |  |  |  |  | B |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
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| A |  |  |  |  |  |  |  |  |  | B |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
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| A |  |  |  |  |  |  |  |  |  | B |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
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| A |  |  |  |  |  |  |  |  |  | B |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
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| A |  |  |  |  |  |  |  |  |  | B |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
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| A |  |  |  |  |  |  |  |  |  | B |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
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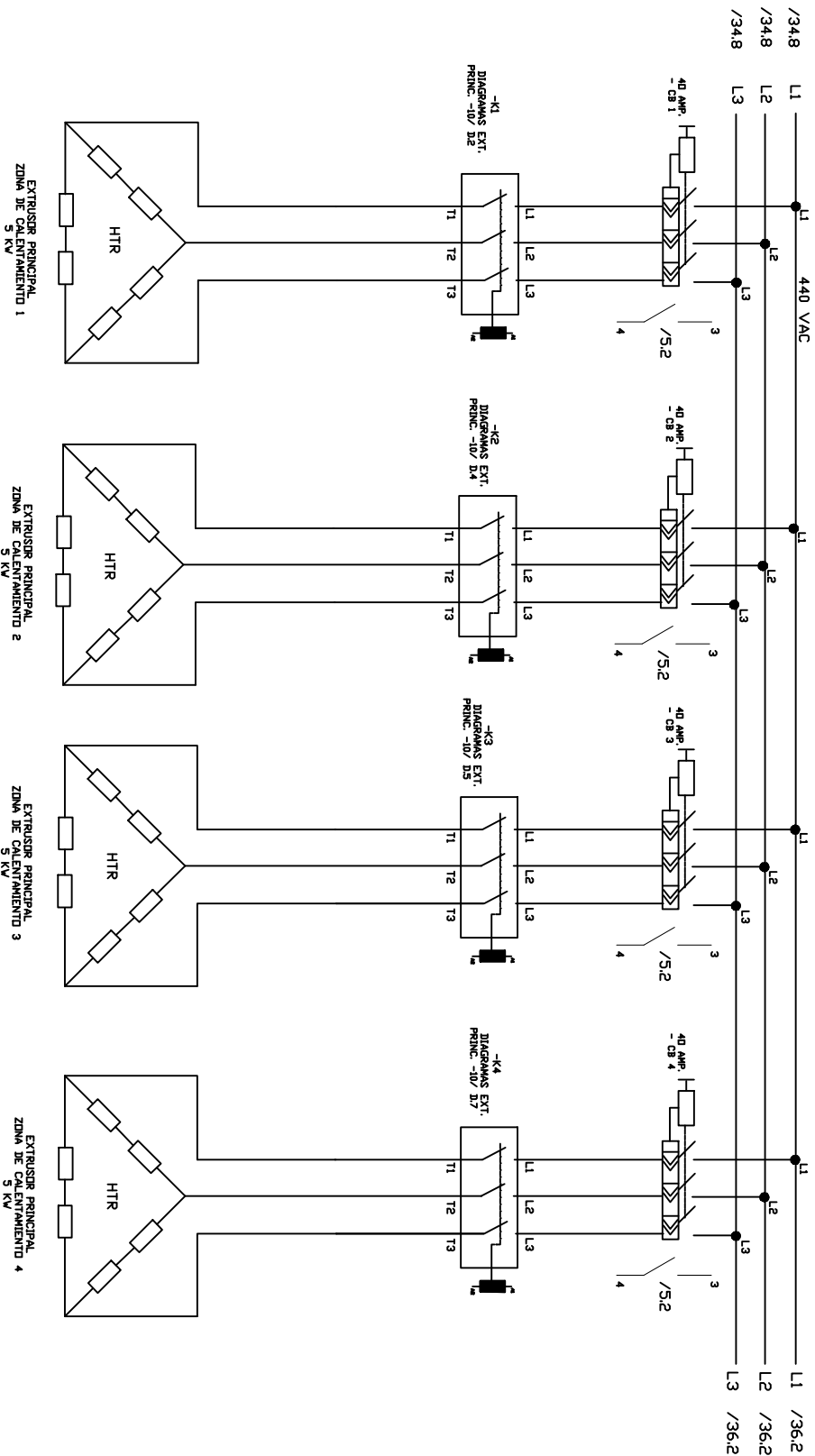


| Rev. | Notes        | Check Date | Done  | A.G.H. | H3 Automatizacion S.A. de C.V. | GENERAL CABLE | Flex Pak 3000 | Tablero Extruder Intermedio | Esc. N/A | Asct. min | Sheet: 33 | -1DA03 |
|------|--------------|------------|-------|--------|--------------------------------|---------------|---------------|-----------------------------|----------|-----------|-----------|--------|
| A    | FOR APPROVAL | 02-2010    | Check | A.C.J. |                                |               |               | Drawing No: ????????        |          |           |           | +2809  |
|      |              |            | Apov  | 7      | 02-2010                        |               |               |                             |          |           | OK: 41    |        |



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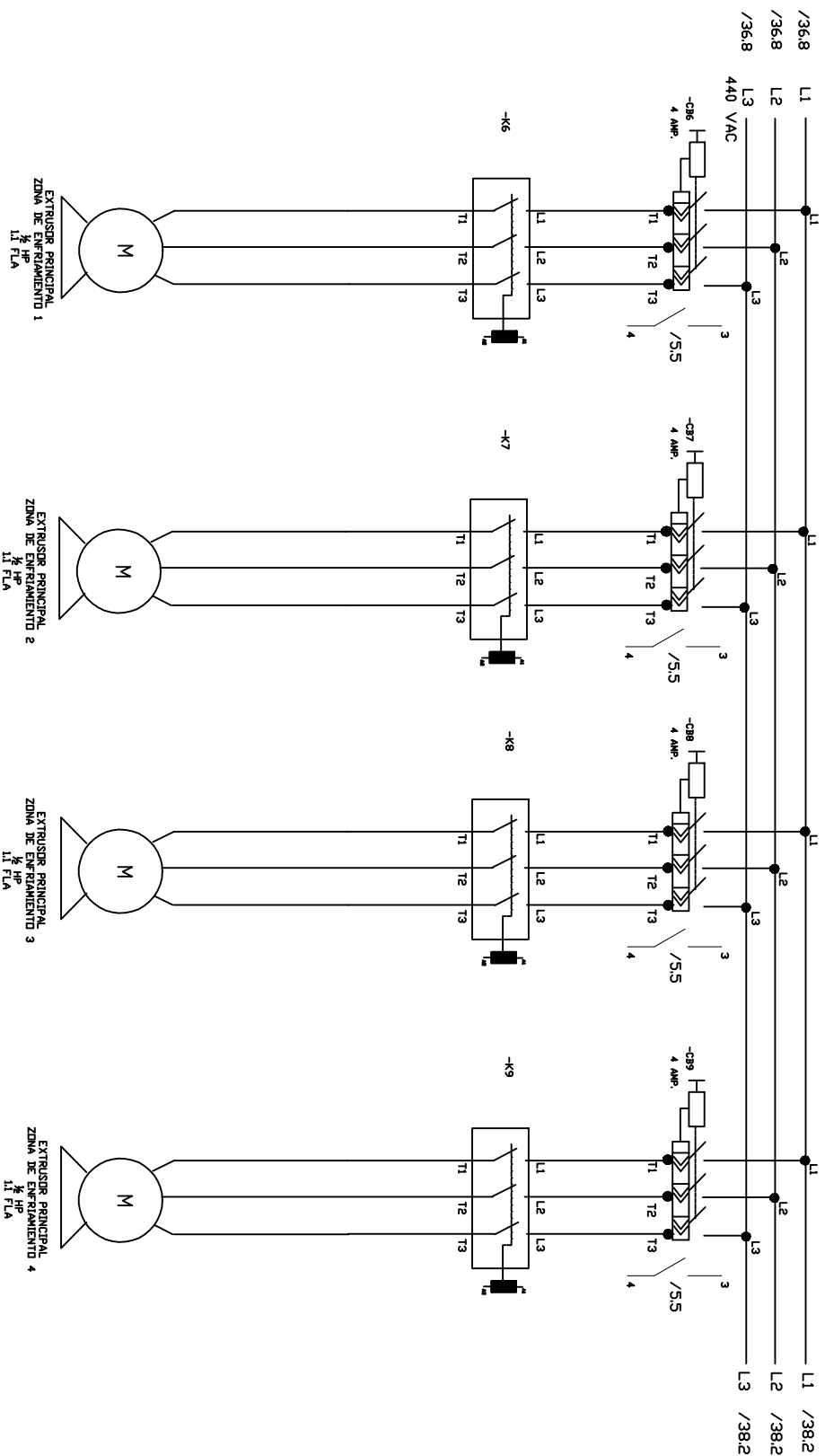


| Rev. | Notes        | Check Date | Done  | A.G.H. | H3 Automatizacion S.A. de C.V. |  |  | Diagramas de Fuerza |  | Tablero Extrusor Intermedio |  | Esc.  | N/A | -1DA03 |
|------|--------------|------------|-------|--------|--------------------------------|--|--|---------------------|--|-----------------------------|--|-------|-----|--------|
| A    | FOR APPROVAL | 02-2010    | Check | A.C.J. |                                |  |  |                     |  | Drawing No:                 |  | Asst. | min | +2909  |
|      |              |            | Apov  | 7      | Date                           |  |  |                     |  | Sheet: 35                   |  | OK    | 41  |        |



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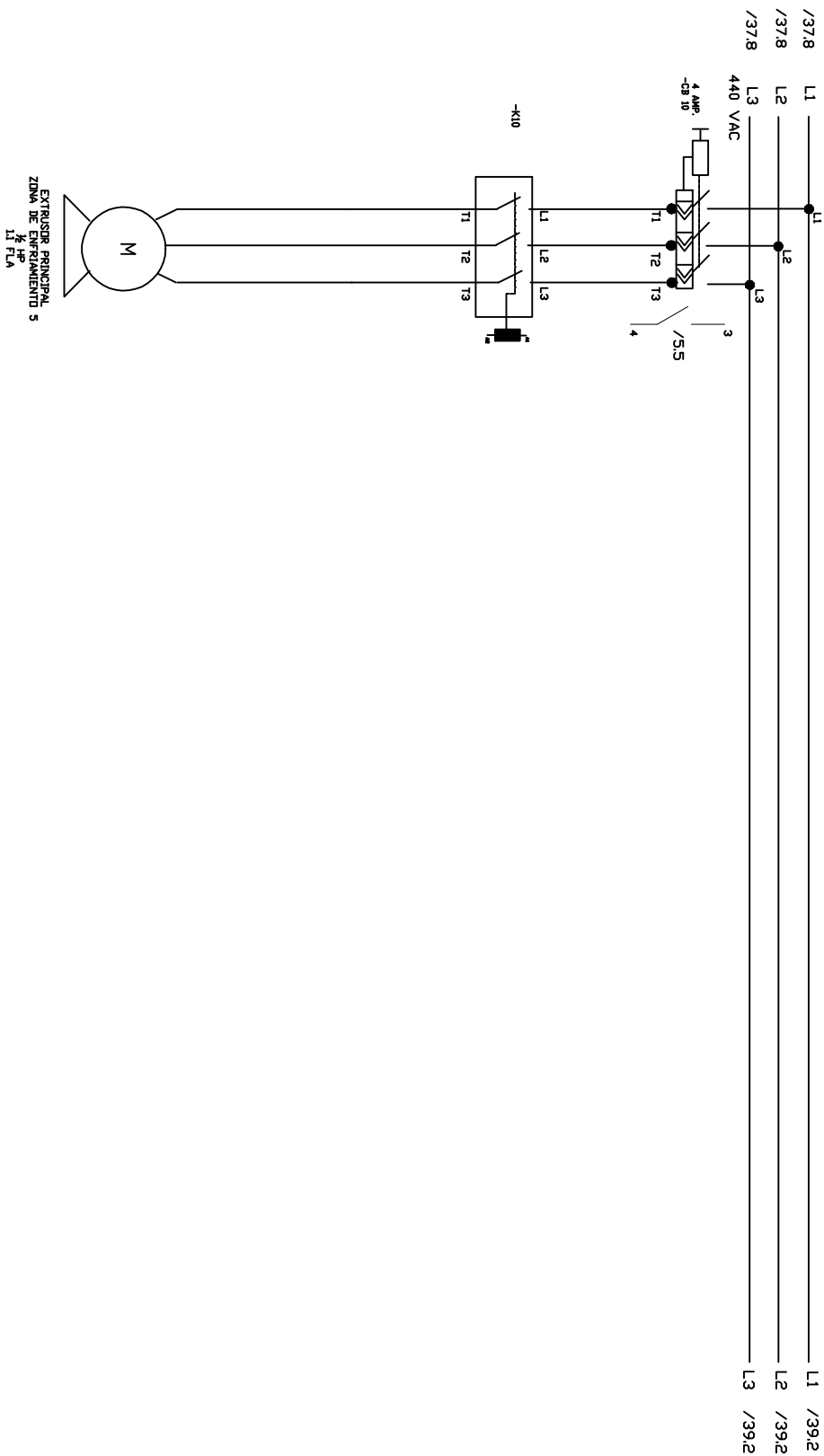


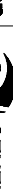
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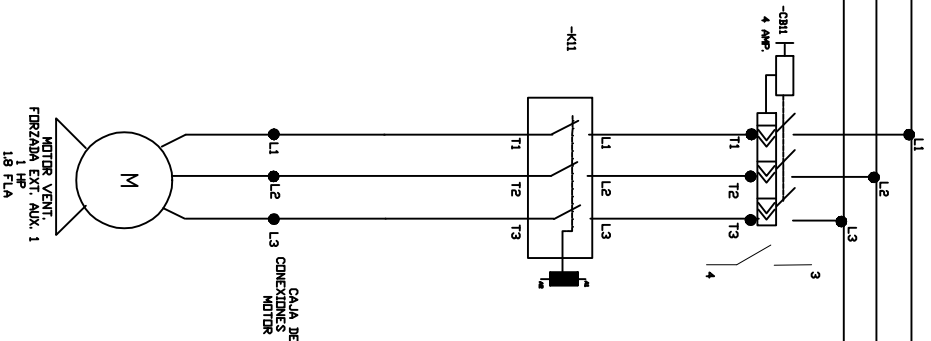


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| Rev. | Notes        | Check Date | Done  | A.G.H.  | <b>H3 Automatizacion<br/>S.A. de C.V.</b> |  <b>GENERAL CABLE</b> | <b>Diagramas de Fuerza</b> | Tablero Exterior Intermedio |    | Esc.      | N/A | =IDA03 |
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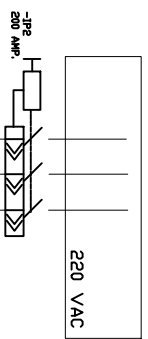
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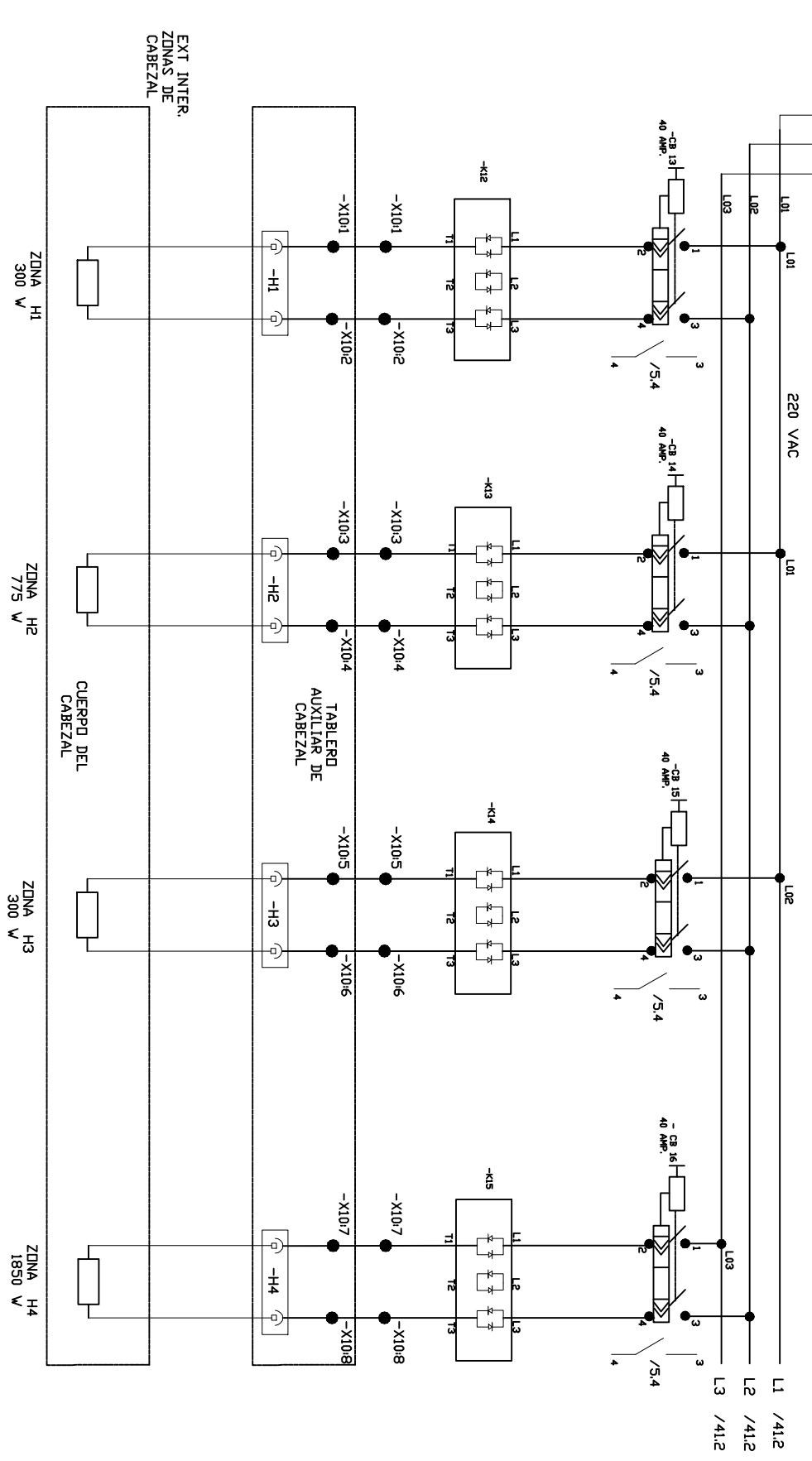
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|      |              |            | Apov  | 7       |                                |  |               |  |                     |  | Sheet: 39                   |  |           |  |        |  |
|      |              |            | Date  | 02-2010 |                                |  |               |  |                     |  | OK: 41                      |  |           |  |        |  |

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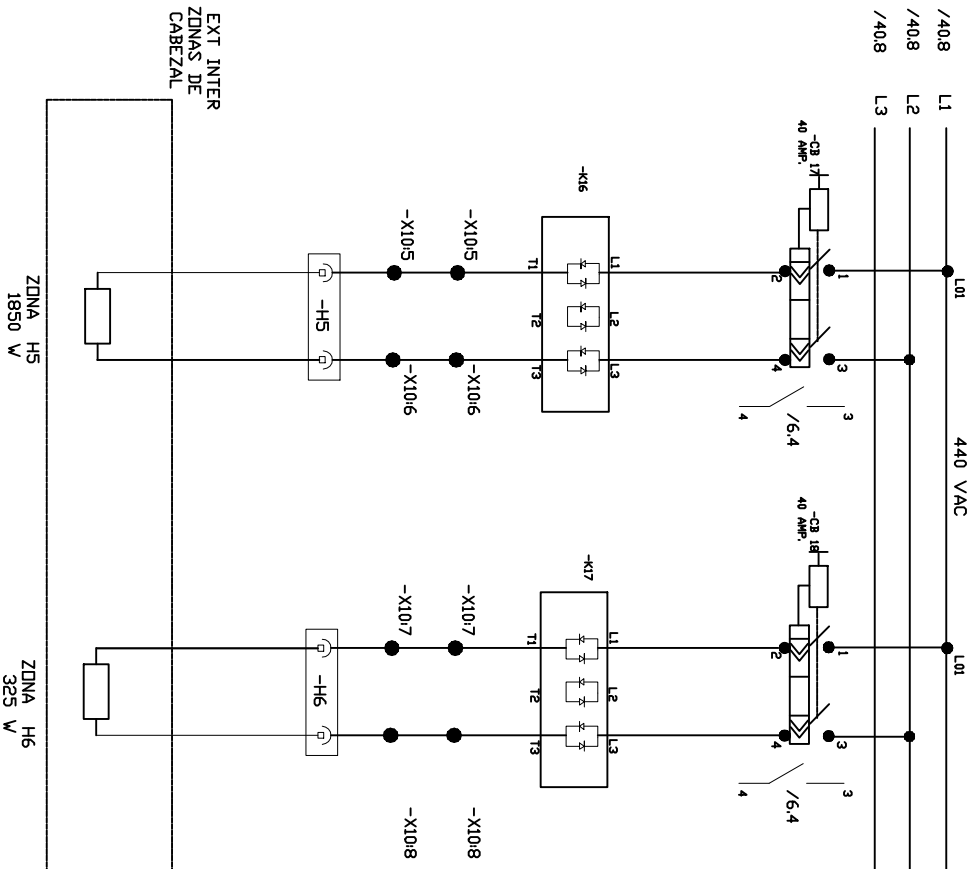
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