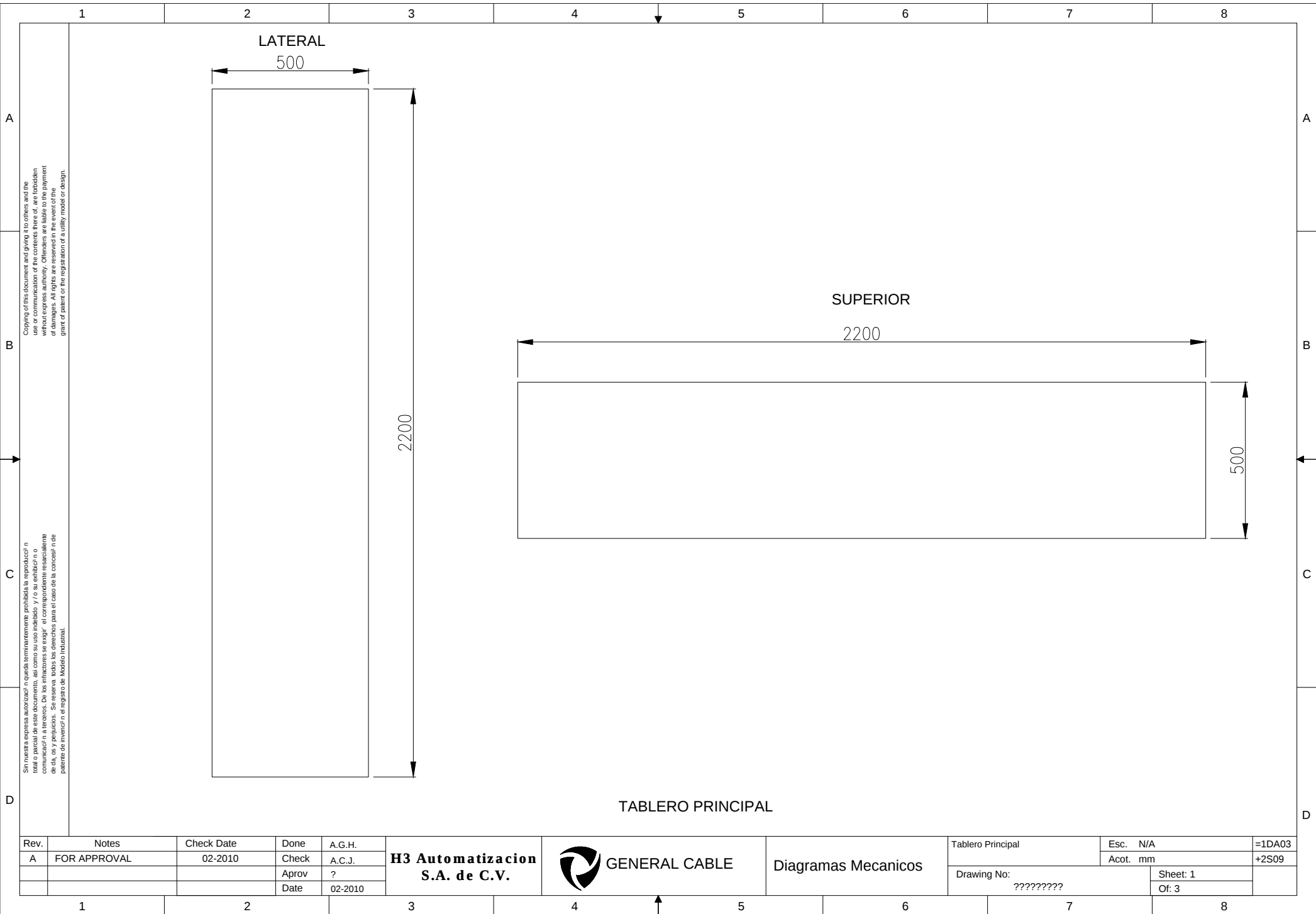




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PM-E HIGH</td><td>SIEMENS</td><td>6ES7138-4CA60-0AB0</td><td>-M3.1, -M4.1</td></tr><tr><td>8</td><td>15</td><td>SIMATIC DP, 5 MODULOS ELECTR. PARA ET 200S, 4 ED</td><td>SIEMENS</td><td>6ES7131-4BD01-0AB0</td><td>-M3.2, -M3.3, -M3.4, -M3.5, -M3.6, -M3.7, -M3.8, -M3.9, -M4.2, -M4.3, -M4.4, -M4.5, -M4.6, -M4.7, -M4.8</td></tr><tr><td>9</td><td>15</td><td>SIMATIC DP, 5 MODULO ELECTR. PARA ET 200S, 4 SD</td><td>SIEMENS</td><td>6ES7132-4BD00-0AB0</td><td>-M3.10, -M3.11, -M3.12, -M3.13, -M3.14, -M3.15, -M3.16, -M3.17, -M4.9, -M4.10, -M4.11, -M4.12, -M4.13, -M4.14, -M4.15</td></tr><tr><td>10</td><td>7</td><td>SIMATIC DP, MODULO ELECTRONICO P/ ET200S, 2EA TC</td><td>SIEMENS</td><td>6ES7134-4NB01-0AB0</td><td>-M3.18, -M3.19, -M3.20, -M3.21, -M3.22, -M4.16, -M4.17, -M4.18, -M4.19</td></tr><tr><td>11</td><td>8</td><td>SIMATIC DP, MODULO ELECTRONICO PARA ET 200S, 2 EA</td><td>SIEMENS</td><td>6ES7134-4FB01-0AB0</td><td>-M3.23, -M3.24, -M3.25, -M3.26, -M4.20, -M4.21, -M4.22, M4.23,</td></tr><tr><td>12</td><td>4</td><td>SIMATIC DP, MODULO ELECTRONICO PARA ET 200S, 2 AO U</td><td>SIEMENS</td><td>6ES7135-4FB01-0AB0</td><td>-M3.27, -M3.28, -M4.24, -M4.25</td></tr><tr><td>13</td><td>25</td><td>CONTACTO AUXILIAR P/5SX 1NA+1NO</td><td>SIEMENS</td><td>5SX9100</td><td>-CB1 a -CB24</td></tr><tr><td>14</td><td>1</td><td>TRANSFORMADOR DE AISLAMIENTO 500 KVA P/ DRIVE RELIANCE E. 300HP</td><td>--</td><td>--</td><td>-T1</td></tr><tr><td>15</td><td>1</td><td>TRANSFORMADOR DE AISLAMIENTO 150 KVA P/ DRIVE RELIANCE E. 75 HP</td><td>--</td><td>--</td><td>-T2</td></tr><tr><td>16</td><td>1</td><td>DRIVE DE 300 HP REGENERATIVO 460VAC 3FASES 500VARM 300VFIELD</td><td>RELIANCE E.</td><td></td><td>-D1</td></tr><tr><td>17</td><td>1</td><td>DRIVE DE 75 HP REGENERATIVO 460VAC 3FASES 500VARM 300VFIELD</td><td>RELIANCE E.</td><td></td><td>-D2</td></tr><tr><td>18</td><td>5</td><td>CONTACTORES DE ESTADO SOLIDO 3 FASES 50 A.</td><td>CRYDOM</td><td>D53TP50D</td><td>-K1, -K2, -K3, -K4, -K5</td></tr><tr><td>19</td><td>13</td><td>CONTACTOR TRIPOLAR 12 A. BOBINA 24 VCD</td><td>SIEMENS</td><td>3RT10171AB01</td><td>-CC1, -CC2, -CC3, -CC4, -CC5, -CC1Q, -CC6, -CC7, -CC8, -CC9, -CC10, -CC10B, -CC11</td></tr><tr><td>20</td><td>4</td><td>RELEVADOR ESTADO SOLIDO 35 A. MONOFASICO BOBINA A 24 VCD</td><td>CROUZET</td><td>GNR350HZ</td><td>-K6, -K7, -K8, -K9</td></tr><tr><td>21</td><td>6</td><td>CIRCUIT BRAKER 3 POLOS 40 A, 440 V</td><td>SIEMENS</td><td>5SX13407</td><td>-CB1, -CB2, -CB3, -CB4, -CB5, -CB25,</td></tr><tr><td>22</td><td>11</td><td>INTERRUPTOR TERMOMAGNETICO 3 POLOS 4 AMPER</td><td>SIEMENS</td><td>5SX13047</td><td>-CB6, -CB7, -CB8, -CB9, -CB10, -CB11, -CB12, -CB30, -CB31, -CB32, -CB33</td></tr><tr><td>23</td><td>4</td><td>INTERRUPTOR TERMOMAGNETICO 2 POLOS 40 AMPER</td><td>SIEMENS</td><td>5SX12407</td><td>-CB26, -CB27, -CB28, -CB29</td></tr><tr><td>24</td><td>1</td><td>SITOP MODULAR 10 FUENTE ENTRADA: AC 120/230-500 V</td><td>SIEMENS</td><td>6EP1334-3BA00</td><td>-A1</td></tr><tr><td>25</td><td>2</td><td>RELEVADOR A 24 VCD 2NO, 2NC</td><td>WEIDMULLER</td><td></td><td>-C1EA1, -C2EA1</td></tr><tr><td>26</td><td>1</td><td>TRANSFORMADOR DE CONTROL 440-110 VAC .500KVA TYPE SMT</td><td>EGS</td><td>TS500</td><td>-T4</td></tr><tr><td>27</td><td>1</td><td>INDUSTRIAL CIRCUIT BRAKER 700 A. INTERRUPTOR PRINCIPAL</td><td>SIEMENS</td><td>ITE CMD63B800</td><td>-IP</td></tr><tr><td>28</td><td>1</td><td>INDUSTRIAL CIRCUIT BRAKER 400 A. EXTRUSOR PRINCIPAL</td><td>SIEMENS</td><td>ITE CMD63B400</td><td>-EP1</td></tr><tr><td>29</td><td>2</td><td>INDUSTRIAL CIRCUIT BRAKER 200 A. EXTRUSOR AUXILIAR</td><td>SIEMENS</td><td>ITE CJD63B200</td><td>-EA1, -IP2</td></tr><tr><td>30</td><td>1</td><td>INTERRUPTOR TERMOMAGNETICO 2 POLOS 6 AMPER</td><td>SIEMENS</td><td>5SX12067</td><td>-CB34</td></tr><tr><td>31</td><td>--</td><td>CLEMAS DOBLES CALIBRE 14</td><td>WEIDMULLER</td><td></td><td>-X01, -X02, -X03, -X04</td></tr><tr><td>32</td><td>--</td><td>CLEMAS PARA TERMOPAR TIPO K</td><td>WEIDMULLER</td><td></td><td>-X05, -X06</td></tr><tr><td>33</td><td>2</td><td>TABLERO RITTAL 2200X1500X500</td><td>RITTAL</td><td></td><td></td></tr><tr><td>34</td><td>1</td><td>MOTOR DE CORRIENTE DIRECTA BALDOR 300 HP1750RPM, 500V ARM, 300V CAMPO, 478 A ARMADURA, 12.5 A CAMPO.</td><td>BALDOR</td><td>D50300R-BV</td><td>Motor DE EXTRUSOR PRINCIPAL</td></tr><tr><td>35</td><td>1</td><td>MOTOR DE CORRIENTE DIRECTA BALDOR 75HP1750 RPM, 500V ARM, 300V CAMPO, 124 A ARMADURA, 6.21 A CAMPO.</td><td>BALDOR</td><td>D5075R-BV</td><td>Motor DE EXTRUSOR SECUNDARIO</td></tr></table>								ITEM	CANT	DESCRIPCION	MARCA	NUMERO DE PARTE	TAG	1	1	PROTECCION DE FUENTE 24 VCD	SIEMENS	5SX12107	-F01	2	2	PROTECCION DE CIRCUITOS 24 VCD	SIEMENS	5SX11027	-F10, -F11	3	1	SIMATIC S7-300, CPU 317-2DP	SIEMENS	6ES7317-2AJ10-0AB0	-M1	4	1	SIMATIC S7, MICRO MEMORY CARD	SIEMENS	6ES7953-8U20-0AA0	--	5	1	SIMATIC MP 377 15" TACTIL	SIEMENS	6AV6644-0AB01-2AX0	-M2	6	2	SIMATIC DP, MODULO INTERFACE IM151 HF	SIEMENS	6ES7151-1BA02-0AB0	-M3, -M4	7	2	SIMATIC DP, MODULO DE POT. PM-E HIGH	SIEMENS	6ES7138-4CA60-0AB0	-M3.1, -M4.1	8	15	SIMATIC DP, 5 MODULOS ELECTR. PARA ET 200S, 4 ED	SIEMENS	6ES7131-4BD01-0AB0	-M3.2, -M3.3, -M3.4, -M3.5, -M3.6, -M3.7, -M3.8, -M3.9, -M4.2, -M4.3, -M4.4, -M4.5, -M4.6, -M4.7, -M4.8	9	15	SIMATIC DP, 5 MODULO ELECTR. PARA ET 200S, 4 SD	SIEMENS	6ES7132-4BD00-0AB0	-M3.10, -M3.11, -M3.12, -M3.13, -M3.14, -M3.15, -M3.16, -M3.17, -M4.9, -M4.10, -M4.11, -M4.12, -M4.13, -M4.14, -M4.15	10	7	SIMATIC DP, MODULO ELECTRONICO P/ ET200S, 2EA TC	SIEMENS	6ES7134-4NB01-0AB0	-M3.18, -M3.19, -M3.20, -M3.21, -M3.22, -M4.16, -M4.17, -M4.18, -M4.19	11	8	SIMATIC DP, MODULO ELECTRONICO PARA ET 200S, 2 EA	SIEMENS	6ES7134-4FB01-0AB0	-M3.23, -M3.24, -M3.25, -M3.26, -M4.20, -M4.21, -M4.22, M4.23,	12	4	SIMATIC DP, MODULO ELECTRONICO PARA ET 200S, 2 AO U	SIEMENS	6ES7135-4FB01-0AB0	-M3.27, -M3.28, -M4.24, -M4.25	13	25	CONTACTO AUXILIAR P/5SX 1NA+1NO	SIEMENS	5SX9100	-CB1 a -CB24	14	1	TRANSFORMADOR DE AISLAMIENTO 500 KVA P/ DRIVE RELIANCE E. 300HP	--	--	-T1	15	1	TRANSFORMADOR DE AISLAMIENTO 150 KVA P/ DRIVE RELIANCE E. 75 HP	--	--	-T2	16	1	DRIVE DE 300 HP REGENERATIVO 460VAC 3FASES 500VARM 300VFIELD	RELIANCE E.		-D1	17	1	DRIVE DE 75 HP REGENERATIVO 460VAC 3FASES 500VARM 300VFIELD	RELIANCE E.		-D2	18	5	CONTACTORES DE ESTADO SOLIDO 3 FASES 50 A.	CRYDOM	D53TP50D	-K1, -K2, -K3, -K4, -K5	19	13	CONTACTOR TRIPOLAR 12 A. BOBINA 24 VCD	SIEMENS	3RT10171AB01	-CC1, -CC2, -CC3, -CC4, -CC5, -CC1Q, -CC6, -CC7, -CC8, -CC9, -CC10, -CC10B, -CC11	20	4	RELEVADOR ESTADO SOLIDO 35 A. MONOFASICO BOBINA A 24 VCD	CROUZET	GNR350HZ	-K6, -K7, -K8, -K9	21	6	CIRCUIT BRAKER 3 POLOS 40 A, 440 V	SIEMENS	5SX13407	-CB1, -CB2, -CB3, -CB4, -CB5, -CB25,	22	11	INTERRUPTOR TERMOMAGNETICO 3 POLOS 4 AMPER	SIEMENS	5SX13047	-CB6, -CB7, -CB8, -CB9, -CB10, -CB11, -CB12, -CB30, -CB31, -CB32, -CB33	23	4	INTERRUPTOR TERMOMAGNETICO 2 POLOS 40 AMPER	SIEMENS	5SX12407	-CB26, -CB27, -CB28, -CB29	24	1	SITOP MODULAR 10 FUENTE ENTRADA: AC 120/230-500 V	SIEMENS	6EP1334-3BA00	-A1	25	2	RELEVADOR A 24 VCD 2NO, 2NC	WEIDMULLER		-C1EA1, -C2EA1	26	1	TRANSFORMADOR DE CONTROL 440-110 VAC .500KVA TYPE SMT	EGS	TS500	-T4	27	1	INDUSTRIAL CIRCUIT BRAKER 700 A. INTERRUPTOR PRINCIPAL	SIEMENS	ITE CMD63B800	-IP	28	1	INDUSTRIAL CIRCUIT BRAKER 400 A. EXTRUSOR PRINCIPAL	SIEMENS	ITE CMD63B400	-EP1	29	2	INDUSTRIAL CIRCUIT BRAKER 200 A. EXTRUSOR AUXILIAR	SIEMENS	ITE CJD63B200	-EA1, -IP2	30	1	INTERRUPTOR TERMOMAGNETICO 2 POLOS 6 AMPER	SIEMENS	5SX12067	-CB34	31	--	CLEMAS DOBLES CALIBRE 14	WEIDMULLER		-X01, -X02, -X03, -X04	32	--	CLEMAS PARA TERMOPAR TIPO K	WEIDMULLER		-X05, -X06	33	2	TABLERO RITTAL 2200X1500X500	RITTAL			34	1	MOTOR DE CORRIENTE DIRECTA BALDOR 300 HP1750RPM, 500V ARM, 300V CAMPO, 478 A ARMADURA, 12.5 A CAMPO.	BALDOR	D50300R-BV	Motor DE EXTRUSOR PRINCIPAL	35	1	MOTOR DE CORRIENTE DIRECTA BALDOR 75HP1750 RPM, 500V ARM, 300V CAMPO, 124 A ARMADURA, 6.21 A CAMPO.	BALDOR	D5075R-BV	Motor DE EXTRUSOR SECUNDARIO
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10	7	SIMATIC DP, MODULO ELECTRONICO P/ ET200S, 2EA TC	SIEMENS	6ES7134-4NB01-0AB0	-M3.18, -M3.19, -M3.20, -M3.21, -M3.22, -M4.16, -M4.17, -M4.18, -M4.19																																																																																																																																																																																																																											
11	8	SIMATIC DP, MODULO ELECTRONICO PARA ET 200S, 2 EA	SIEMENS	6ES7134-4FB01-0AB0	-M3.23, -M3.24, -M3.25, -M3.26, -M4.20, -M4.21, -M4.22, M4.23,																																																																																																																																																																																																																											
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Notes

Check Date

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A.G.H.

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FOR APPROVAL

02-2010

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A.C.J.

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Date

02-2010

H3 Automatizacion

S.A. de C.V.

Diagramas Mecanicos

Tablero Principal

Esc. N/A

Acot. mm

=1DA03

+2S09

Drawing No:

Sheet: 3

Of: 3

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			Date	02-2010

H3 Automatizacion
S.A. de C.V.

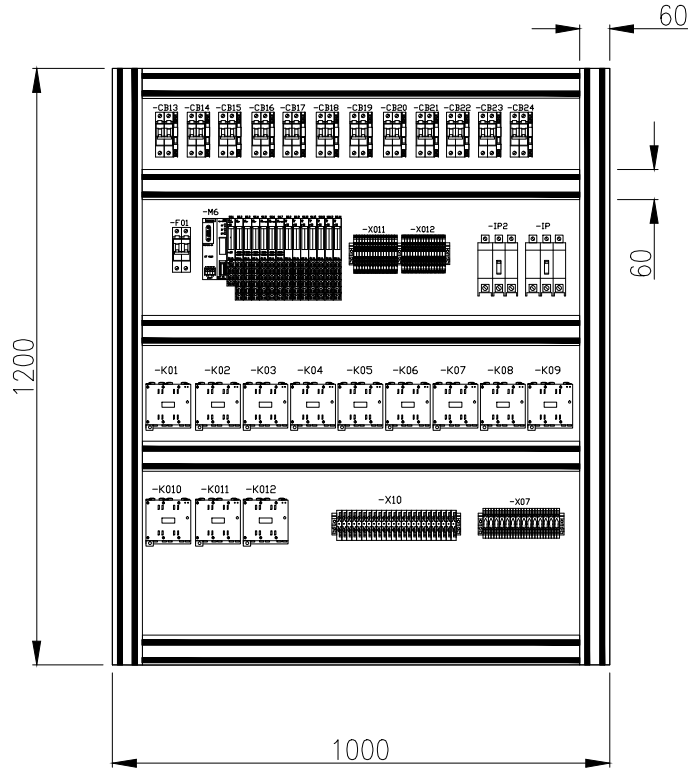


GENERAL CABLE

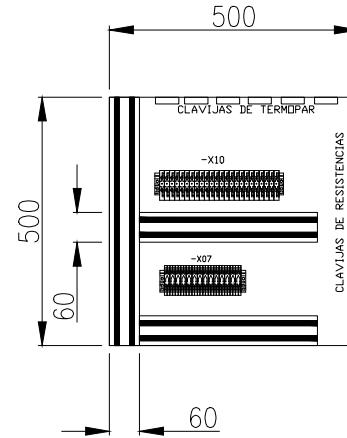
Diagramas Mecanicos

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TABLERO DE CABEZAL



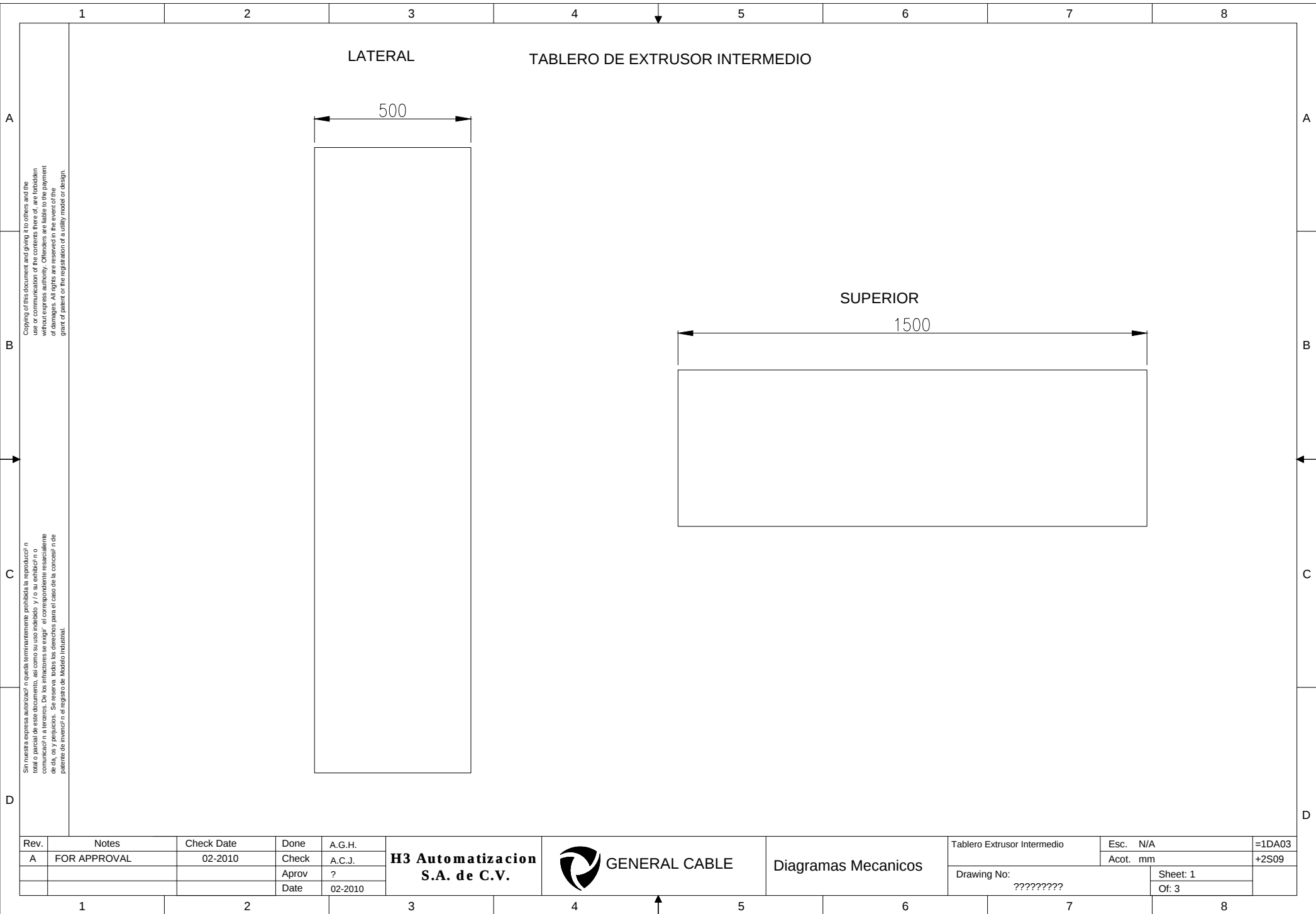
TABLERO AUXILIAR DE CABEZAL



TABLERO AUXILIAR DE CABEZAL

ITEM	CANT	DESCRIPCION	MARCA	NUMERO DE PARTE	TAG
1	--	CLEMAS CALIBRE 10	WEIDMULLER		-X10
2	--	CLEMAS PARA TERMOPAR TIPO K	WEIDMULLER		-X07
3	1	TABLERO RITTAL 500X500X300			

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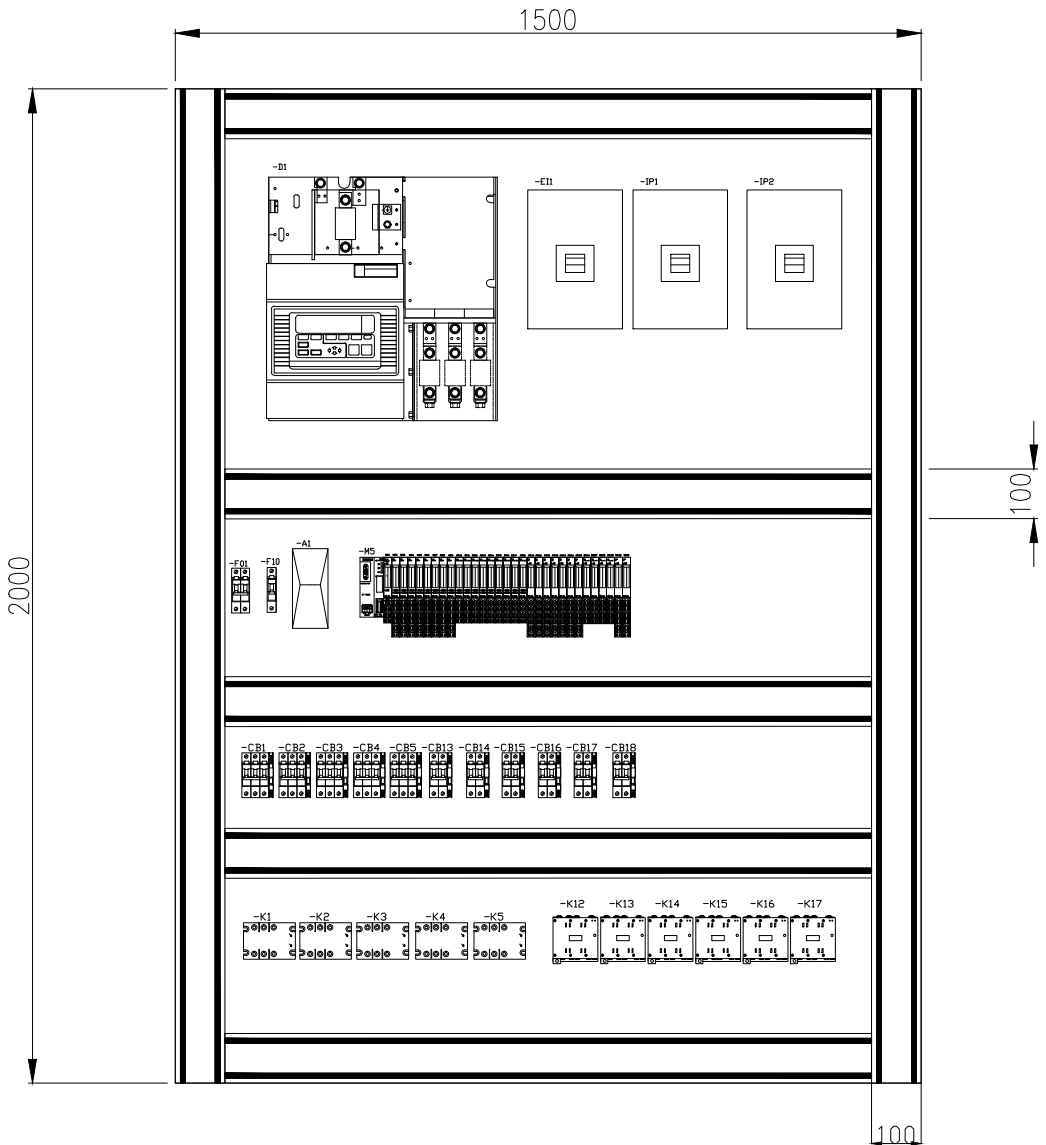
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TABLERO DE EXTRUSOR INTERMEDIO



Rev.	Notes	Check Date	Done	A.G.H.	H3 Automatizacion S.A. de C.V.	 GENERAL CABLE	Diagramas Mecanicos	Tablero Extrusor Intermedio		Esc.	N/A	=1DA03			
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			Date	02-2010				??????????		Of: 3					
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TABLERO DE EXTRUSOR INTERMEDIO

ITEM	CANT	DESCRIPCION	MARCA	NUMERO DE PARTE	TAG
1	1	PROTECCION DE FUENTE 24 VDC	SIEMENS	5SX12047	-F01
2	1	PROTECCION DE CIRCUITOS	SIEMENS	5SX11047	-F10
3	1	SIMATIC DP, MODULO INTERFACE IM151 HF	SIEMENS	6ES7151-1BA02-0AB0	-M5
4	1	SIMATIC DP, MODULO DE POT. PM-E HIGH	SIEMENS	6ES7138-4CA60-0AB0	-M5.1
5	8	SIMATIC DP, 5 MODULOS ELECTR. PARA ET 200S, 4 ED	SIEMENS	6ES7131-4BD01-0AB0	-M5.2, -M5.3, -M5.4, -M5.5, -M5.6, -M5.7, -M5.8, -M5.9
6	9	SIMATIC DP, MODULO ELECTR. PARA ET 200S, 4 SD	SIEMENS	6ES7132-4BD00-0AB0	-M5.10, -M5.11, -M5.12, -M5.13, -M5.14, -M5.15, -M5.16, -M5.17, -M5.18
7	7	SIMATIC DP, MODULO ELECTRONICO P/ ET200S, 2EA TC	SIEMENS	6ES7134-4N B01-0AB0	-M5.19, -M5.20, -M5.21, -M5.22, -M5.23, -M5.24, -M5.25
8	4	SIMATIC DP, MODULO ELECTRONICO PARA ET 200S, 2 EA U	SIEMENS	6ES7134-4F B01-0AB0	-M5.26, -M5.27, -M5.28, -M5.29
9	2	SIMATIC DP, MODULO ELECTRONICO PARA ET 200S, 2 AO U	SIEMENS	6ES7135-4F B01-0AB0	-M5.30, -M5.31
10	- - -	CLEMAS DOBLES CALIBRE 14	WEIDMULLER		-X01, -X02
11	- - -	CLEMAS PARA TERMOPAR TIPO K	WEIDMULLER		-X5
12	5	CONTACTORES DE ESTADO SOLIDO 3 FASES 50 A.	CRYDOM	D53TP50D	-K1, -K2, -K3, -K4, -K5
13	6	RELEVADOR ESTADO SOLIDO MONOFASICO BOBINA A 24 VCD	CROUZET	---	-K12, -K13, -K14, -K15, -K16, -K17
14	1	TABLERO RITTAL 2000X1500X500	RITTAL	---	- - -
15	1	INTERRUPTOR PRINCIPAL 3 POLOS 600 A.	SIEMENS	CMD63B600	-IP1
16	2	INTERRUPTOR PRINCIPAL 3 POLOS 200 A.	SIEMENS	ITE CJD63B200	-EA1, -IP2
17	5	CIRCUIT BRAKER 3 POLOS 40 A, 440 V	SIEMENS	5SX13407	-CB1, -CB2, -CB3, -CB4, -CB5,
18	6	INTERRUPTOR TERMOMAGNETICO 3 POLOS 4 AMPER	SIEMENS	5SX13047	-CB6, -CB7, -CB8, -CB9, -CB10, -CB11,
19	6	INTERRUPTOR TERMOMAGNETICO 2 POLOS 40 AMPER	SIEMENS	5SX12407	-CB13, -CB14, -CB15, -CB16, -CB17, -CB18
20	1	TRANSFORMADOR DE AISLAMIENTO 100 KVA P/ DRIVE RELIANCE E. 60 HP	--	--	-T1
21	1	DRIVE DE 60 HP REGENERATIVO 460 VAC 3 FASES 500 VARMI 300 VFIELD	RELIANCE E.		-D2
22	1	FUENTE DE 24 VCD ALIMENTACION 110 VAC	WEIMULLER		-A1
23	1	MOTOR DE CORRIENTE DIRECTA BALDOR 60 HP 1750 RPM, 500 V ARM, 300 V CAMPO, 102 A ARMADURA, 4.6 A CAMPO.	BALDOR	D5060R-BV	Motor DE EXTRUSOR INTERMEDIO

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Rev.	Notes	Check Date	Done	A.G.H.	H3 Automatizacion S.A. de C.V.	 GENERAL CABLE	Diagramas Mecanicos	Tablero de Extrusor Intermedio	Esc.	N/A	=1DA03
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