

SCRLogic Drawing Book



These drawings are a re-drawn sub-set of Hill Graham Controls project number 6070, which was a a land rig built for the Forasol drilling company in the early 1980's.

Most of the detail is an exact representation of the original project, however some details have been amended to fit the SCRLogic simulation model.



INDEX

SCHEMATICS

D027 MOTOR PLUG CONNECTIONS D042 SCR SCHEMATIC D044 DRAWWORKS CONTROL SCHEMATIC D045 ROTARY TABLE CONTROL SCHEMATIC D046 MUD PUMPS 1 & 2 CONTROL SCHEMATIC DC CONTROL LOGIC SCHEMATIC D048 Sht 1 DC CONTROL LOGIC & AUXILIARY MOTOR STARTING SCHEMATIC D048 Sht 2 D048 Sht 3 DC CONTROL LOGIC & AUXILIARY MOTOR STARTING SCHEMATIC D051 Sht 1 ROTARY TABLE FIELD SUPPLY DRAWWORKS FIELD SUPPLY D051 Sht 2 MUD PUMP 1 FIELD SUPPLY D051 Sht 3 D051 Sht 4 MUD PUMP 2 FIELD SUPPLY D069 MOTOR STARTER SCHEMATIC

FORASOL N110-9 6070

PRINTED CIRCUIT BOARDS

301C062 CONTACTOR AUCTIONEERING PCB

301D009 DRILLERS CONSOLE PCB

ALARM PCB 301D099

SCR AUXILIARY PCB 301D131

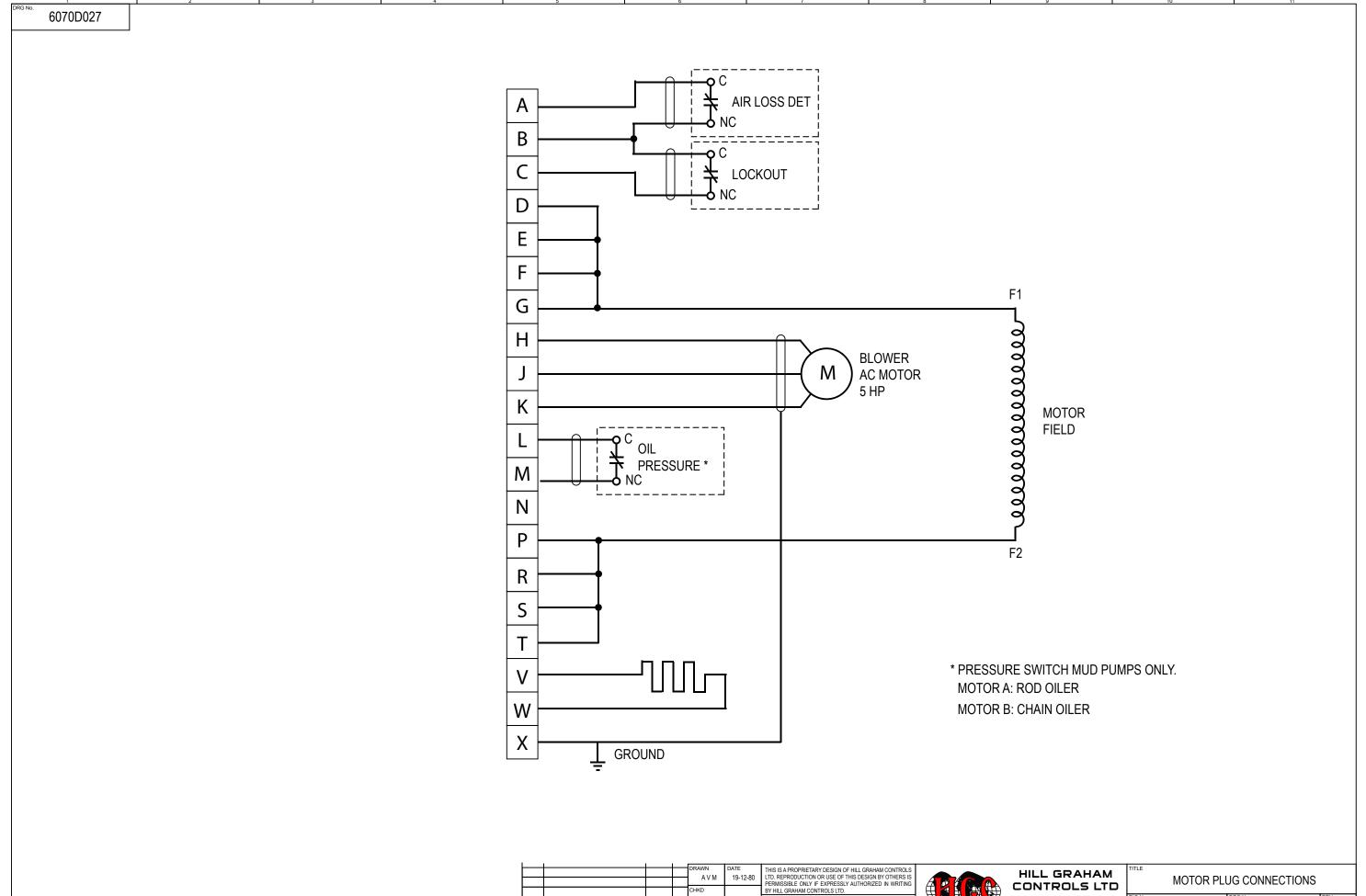
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NI-	DECODIDATION	DATE	DV	LISED ON		WIRE LIST



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PROJECT DRAWING INDEX								
	RIG No. N110-9	DRG No.	REV.					
	CUSTOMER FORASOL	INDEX						

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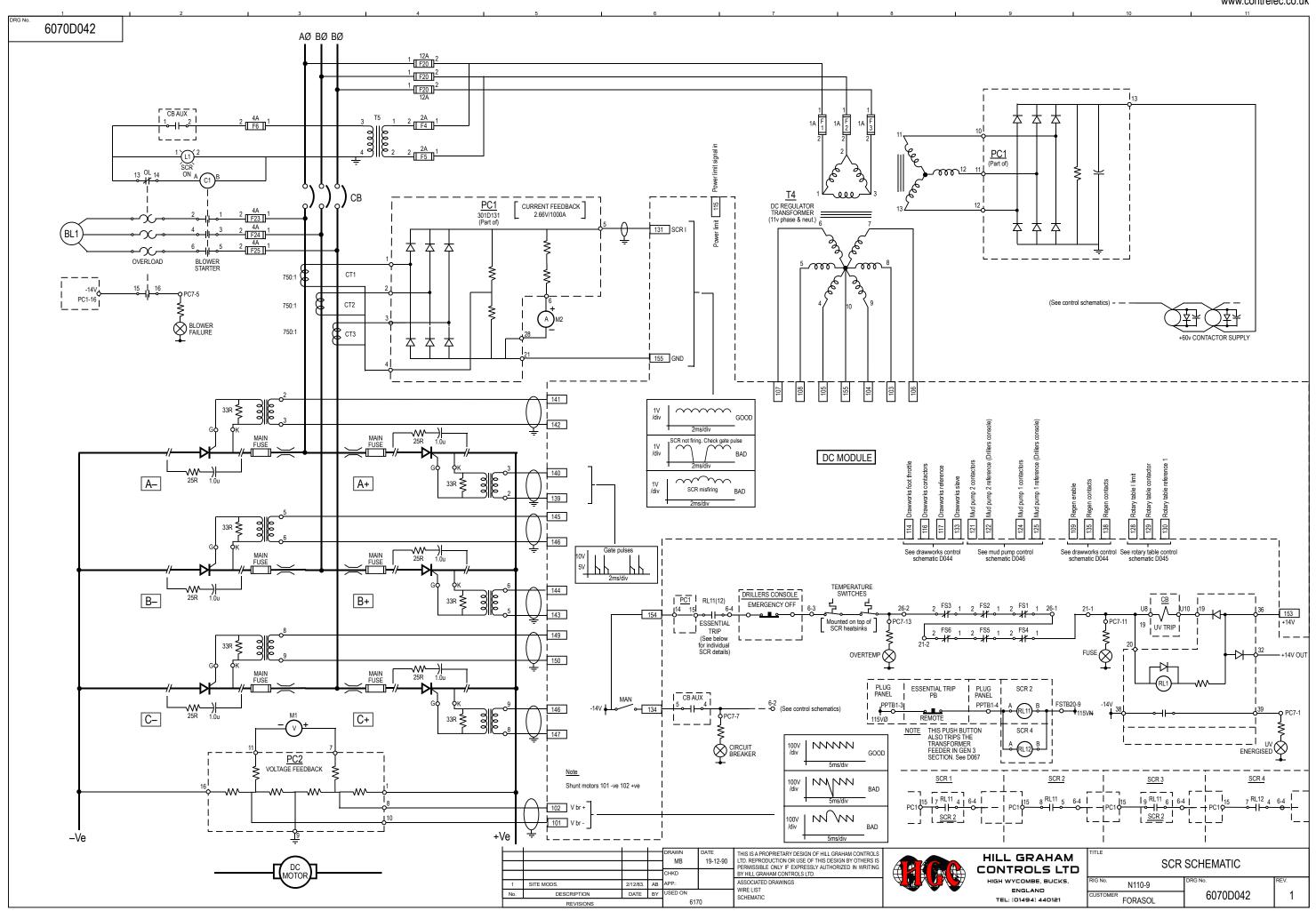
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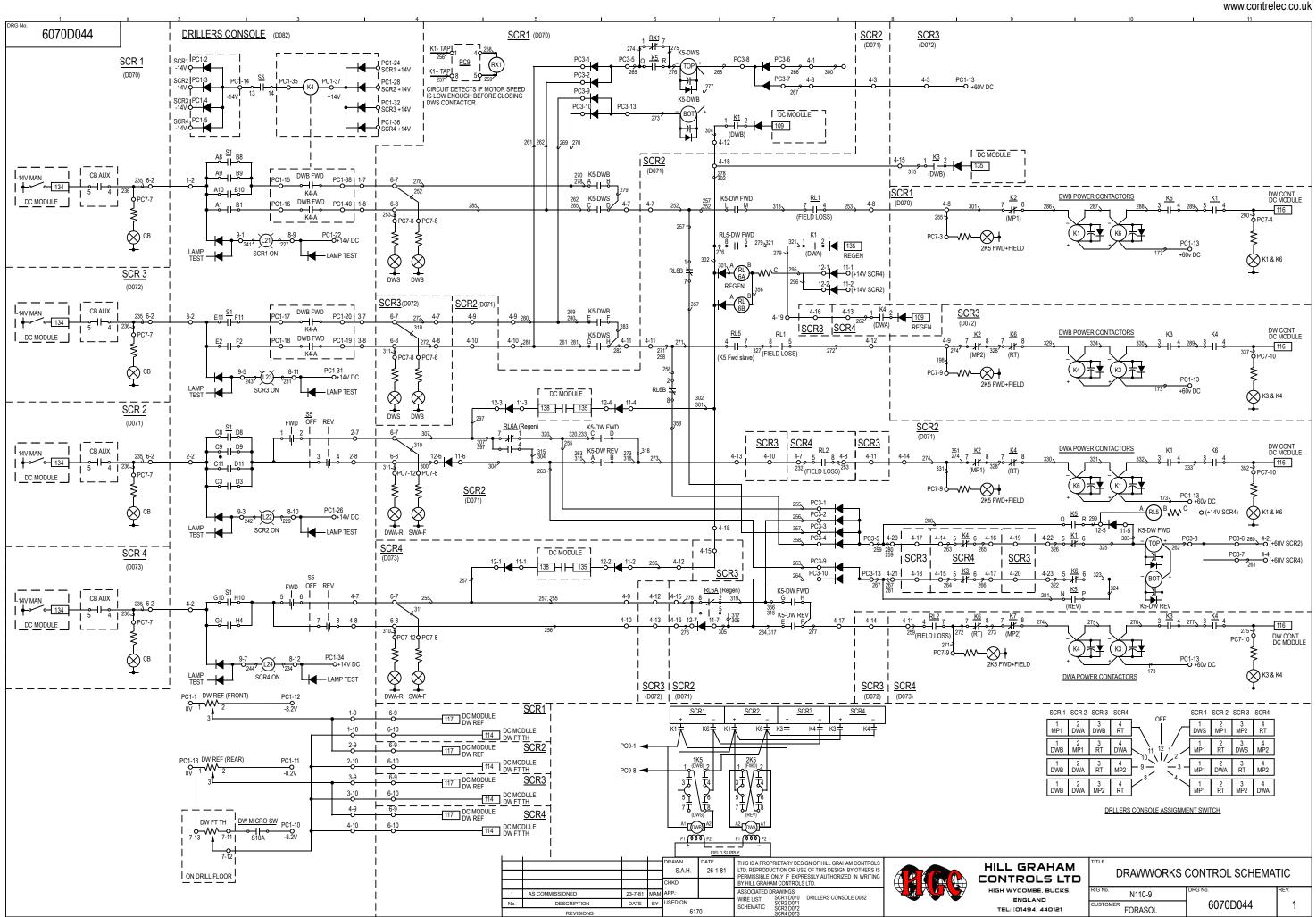
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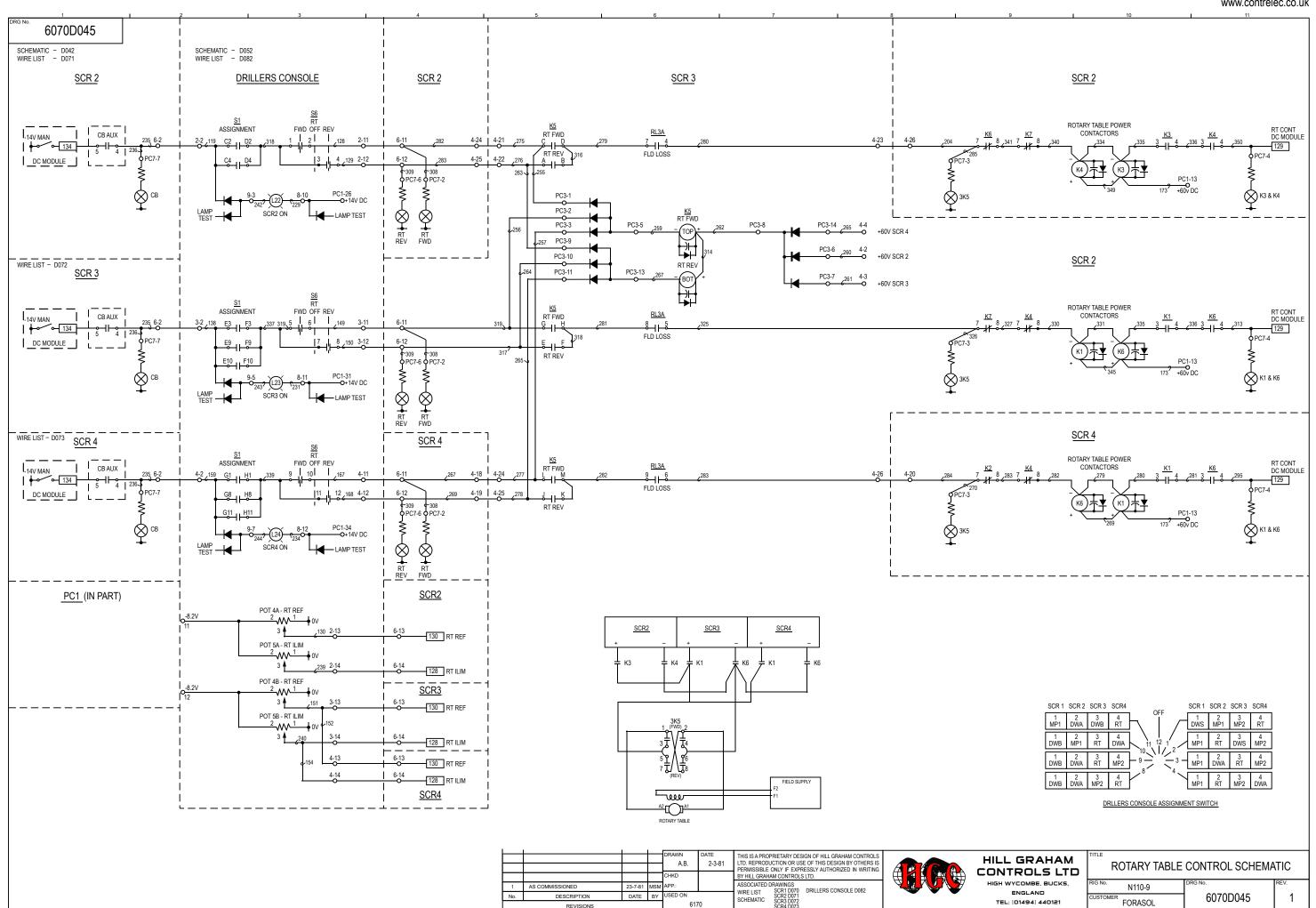
MOTOR PLUG CONNECTIONS						
N110-9	DRG No.	RE				

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6070D027



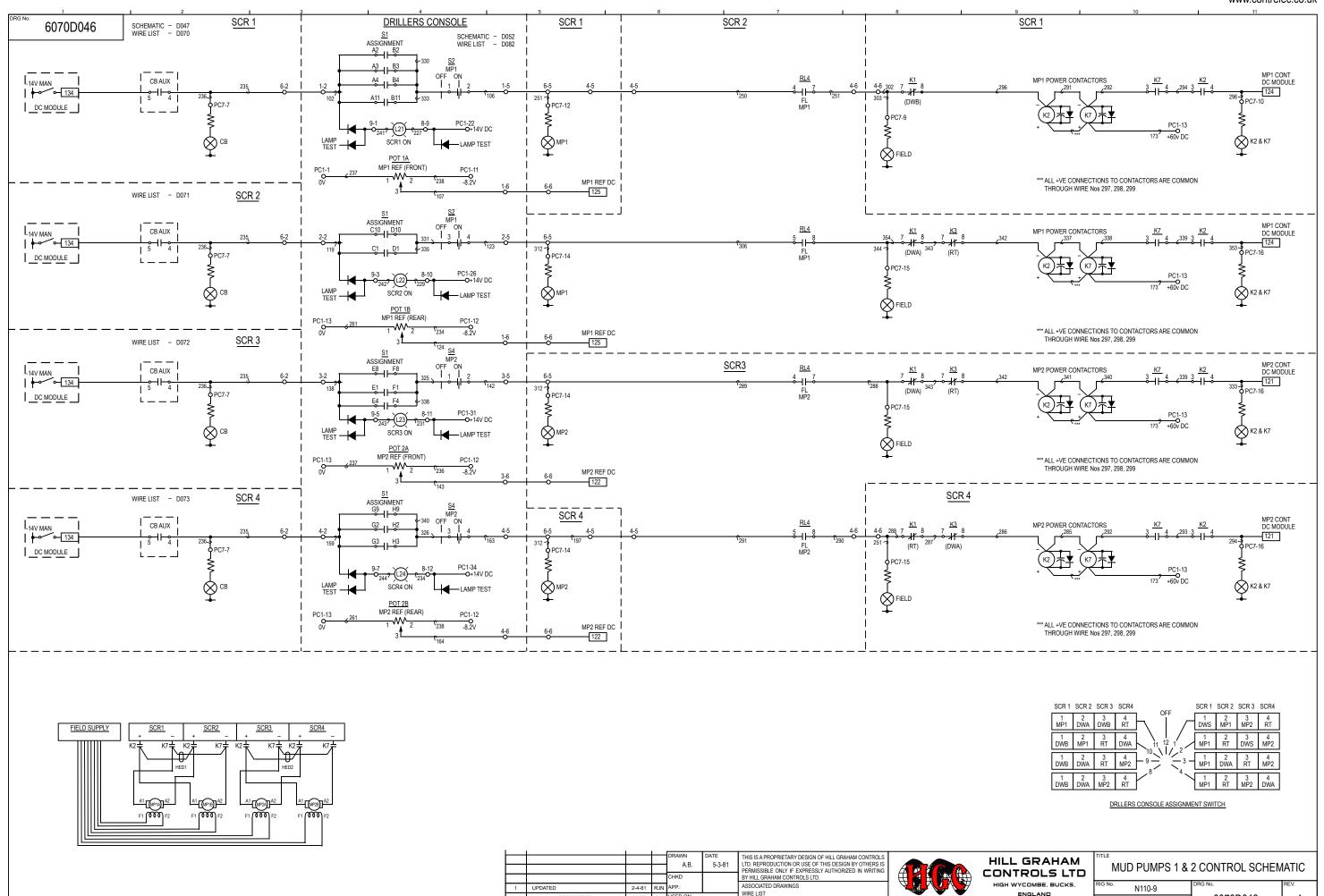




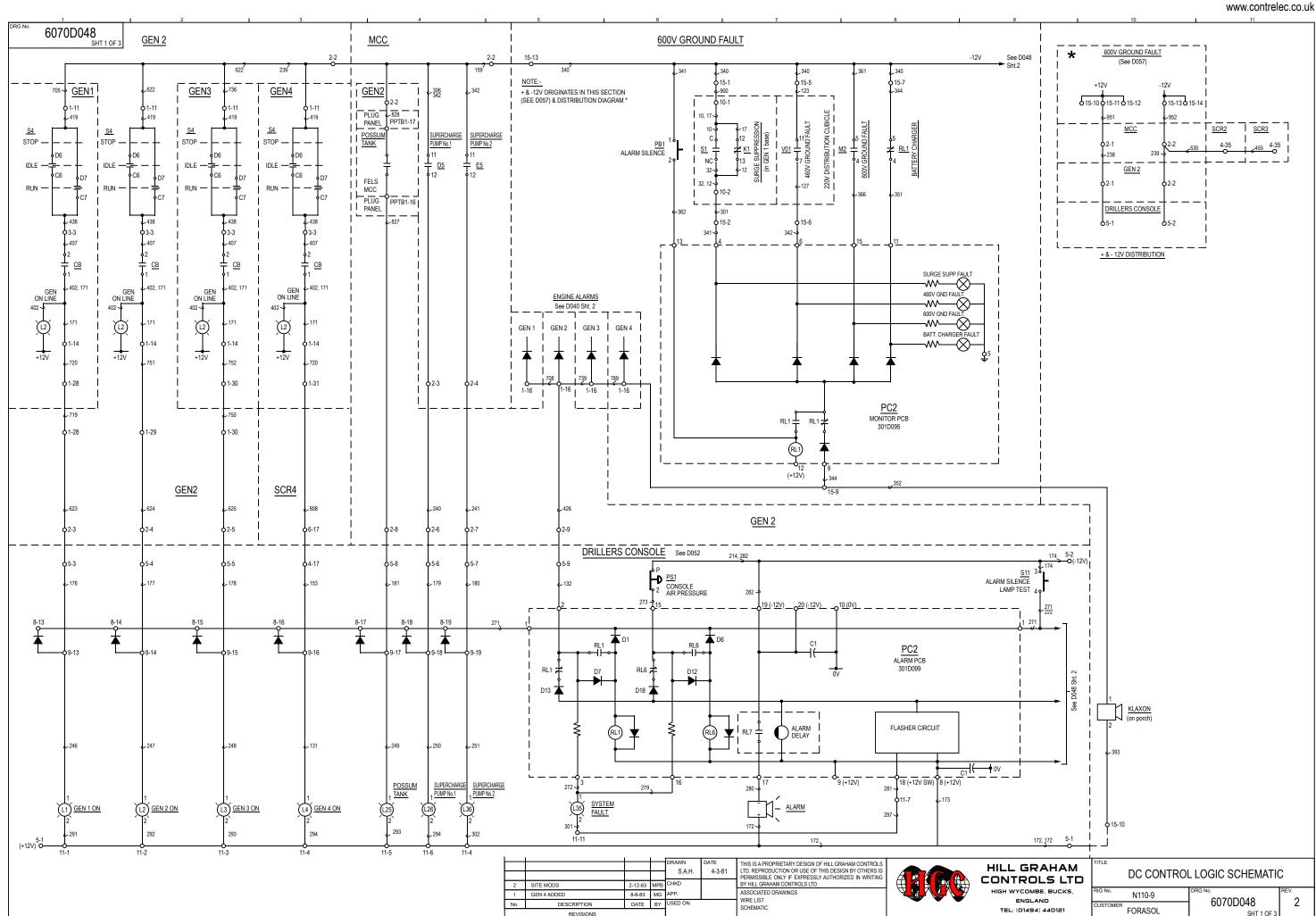
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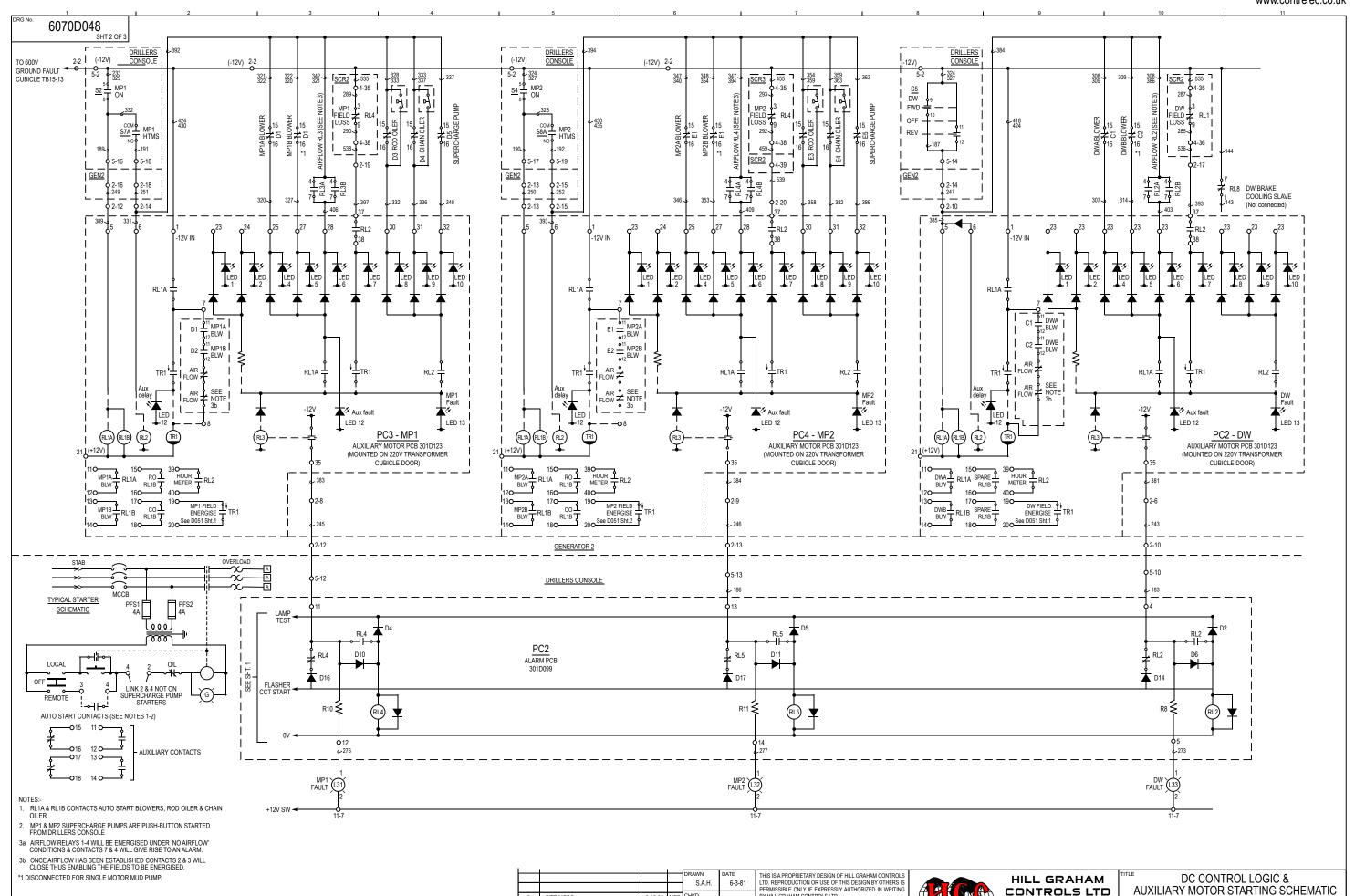
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N110-9

FORASOL

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6070D048



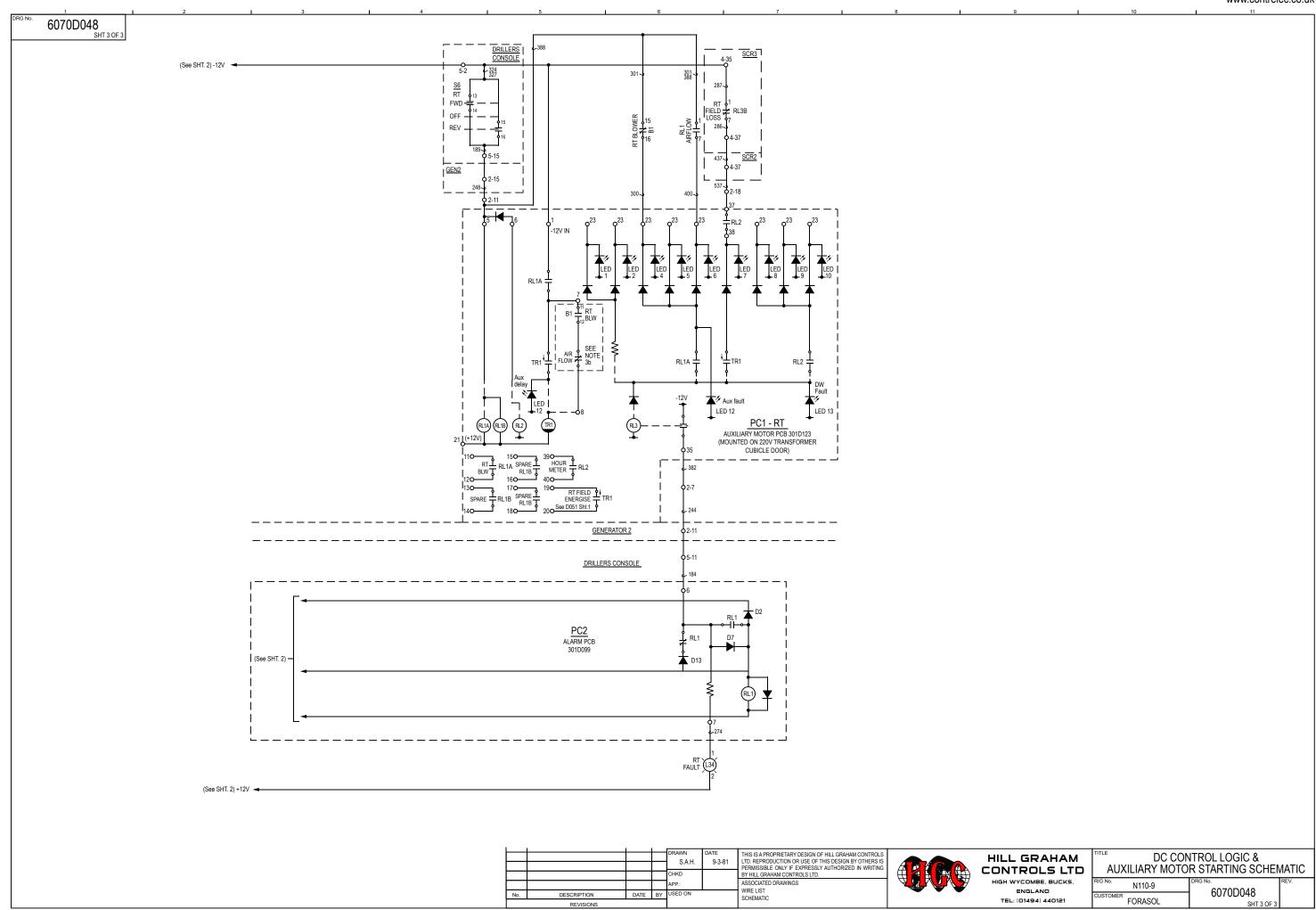
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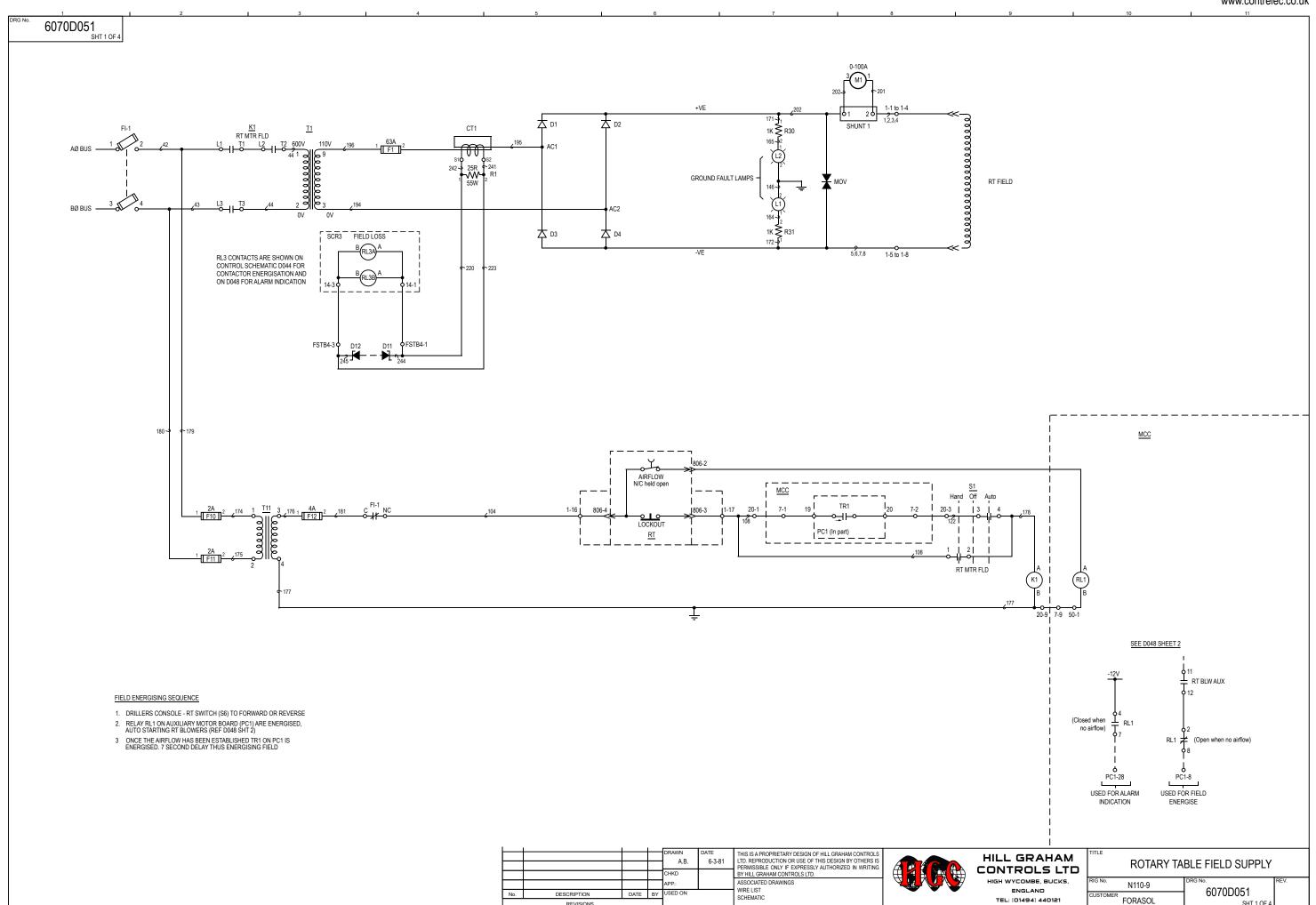
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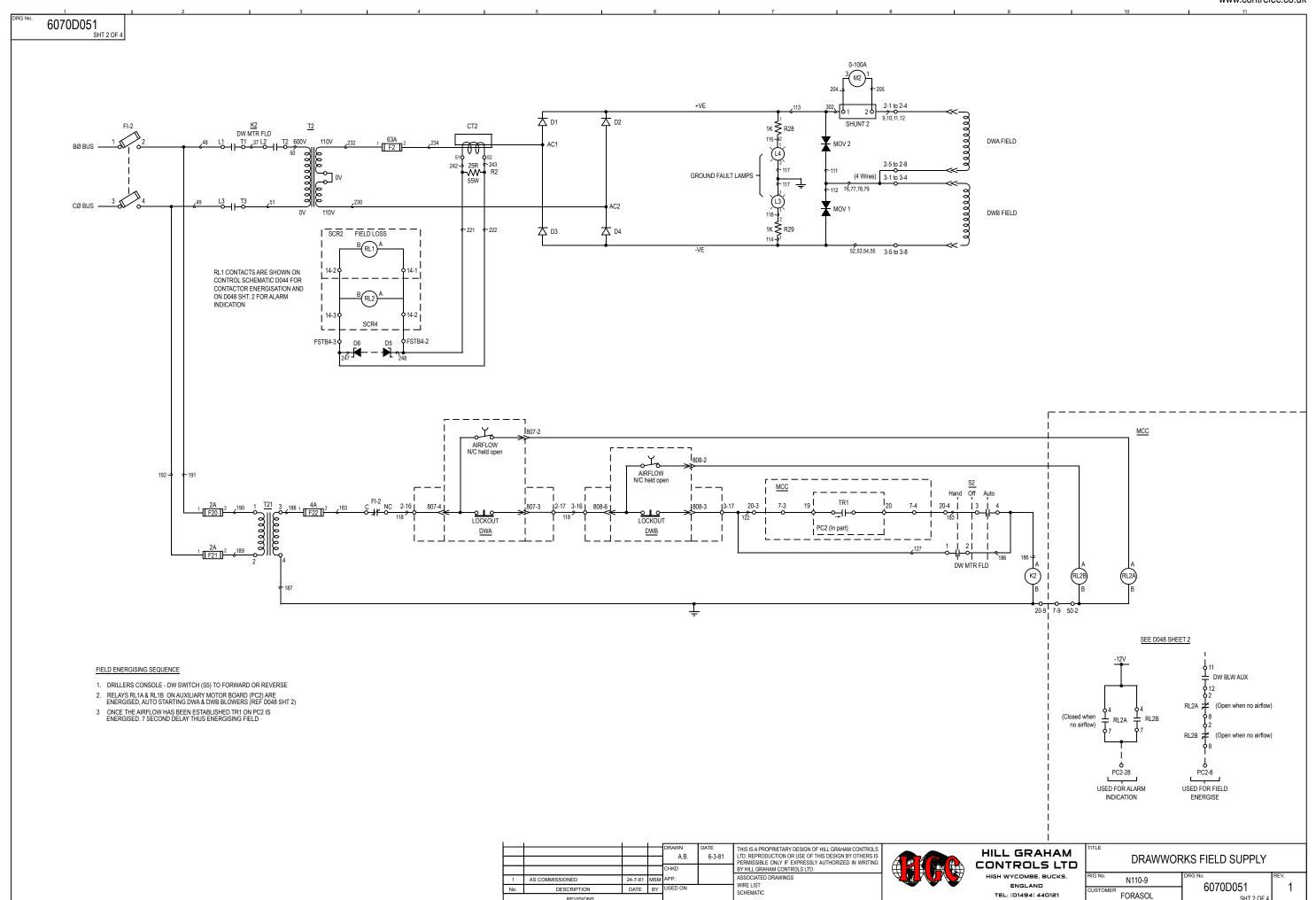
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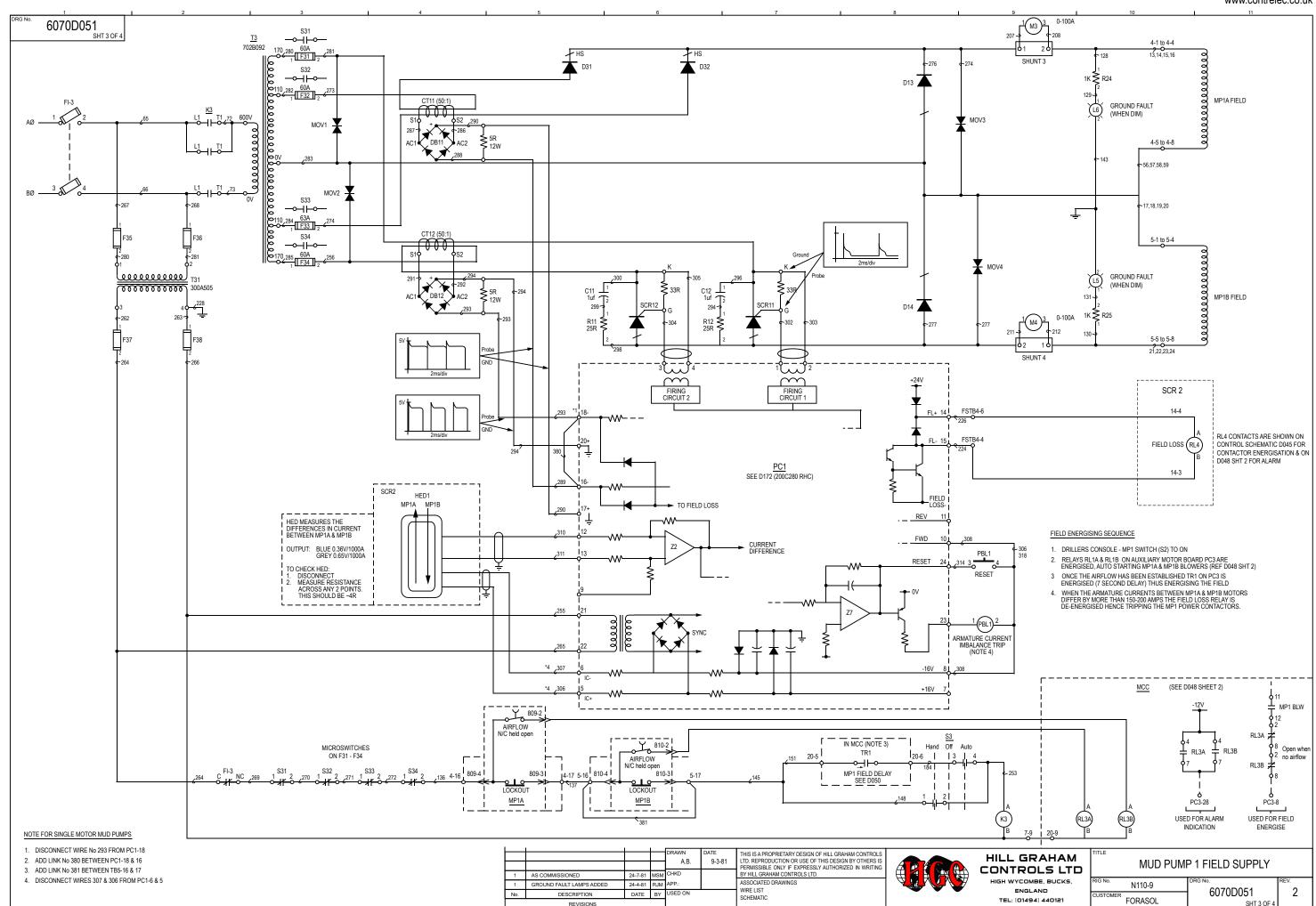
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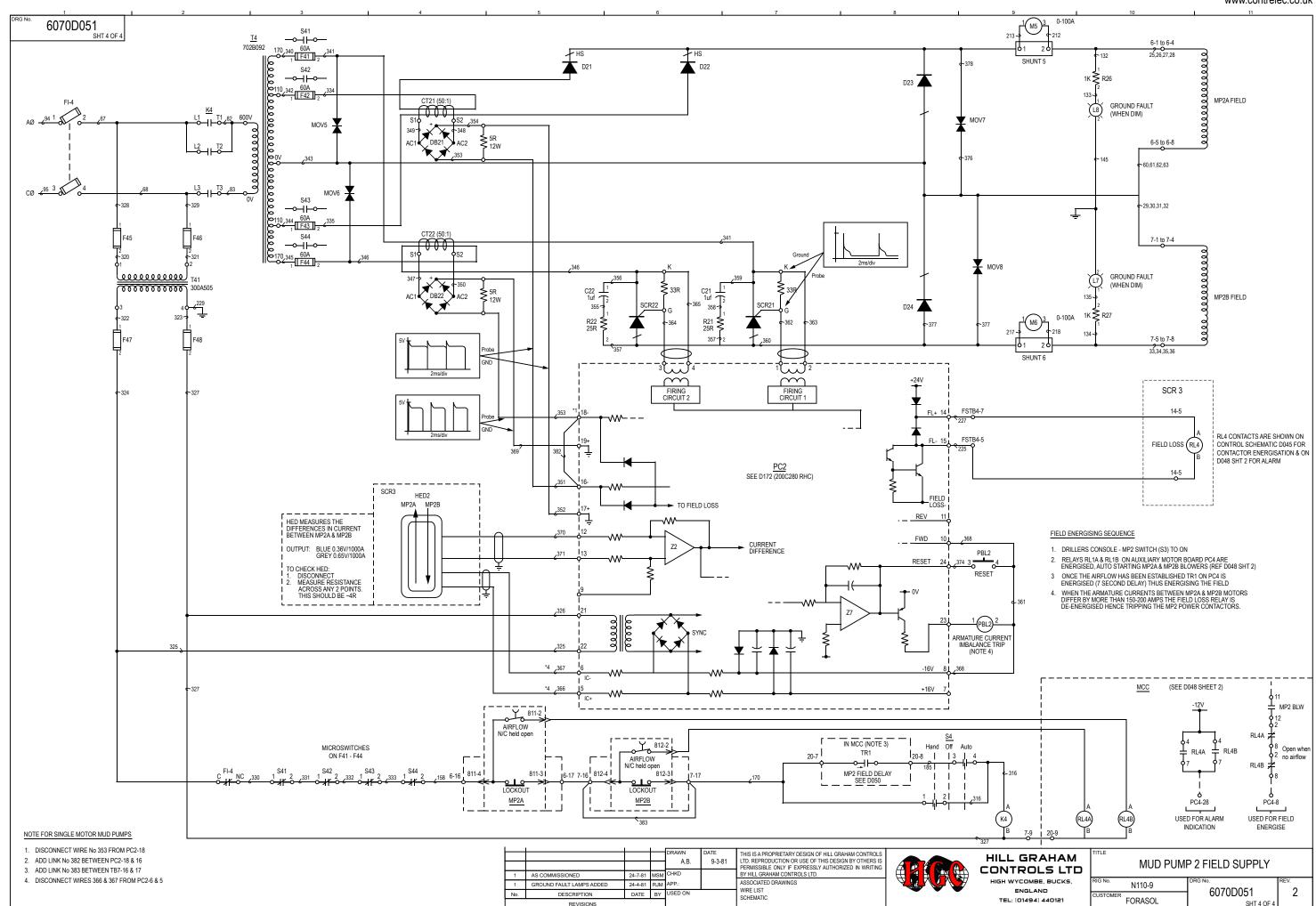
GEN 4 ADDED

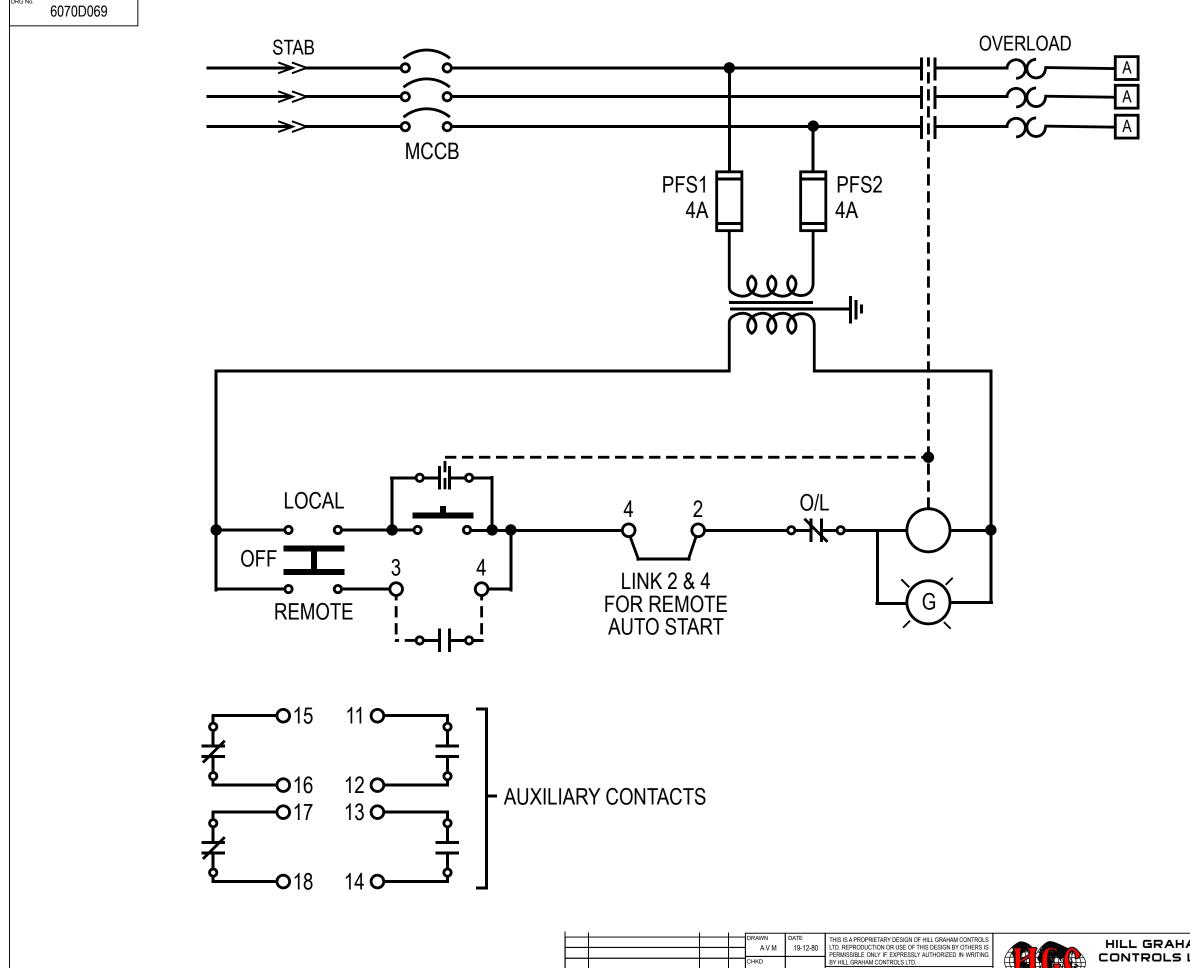












AVM

19-12-80

WIRE LIST

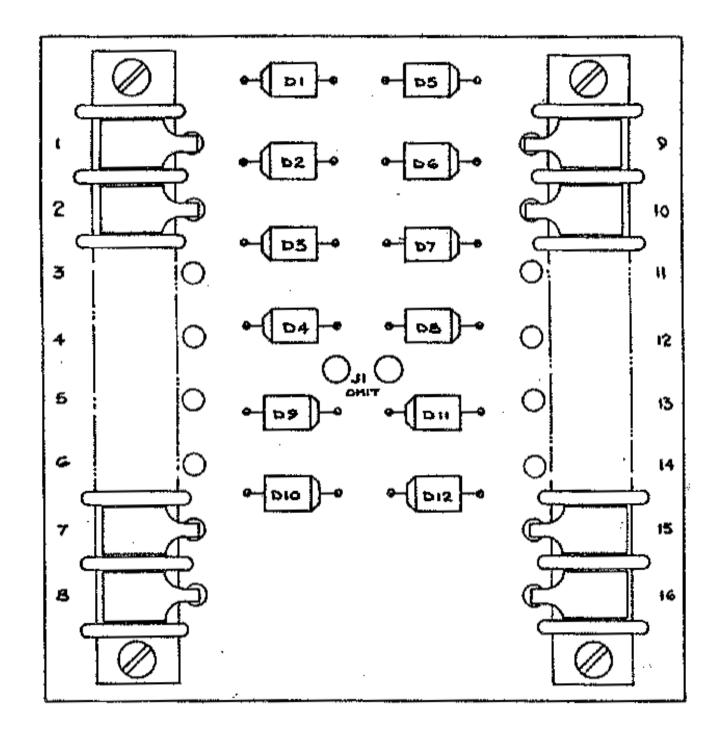


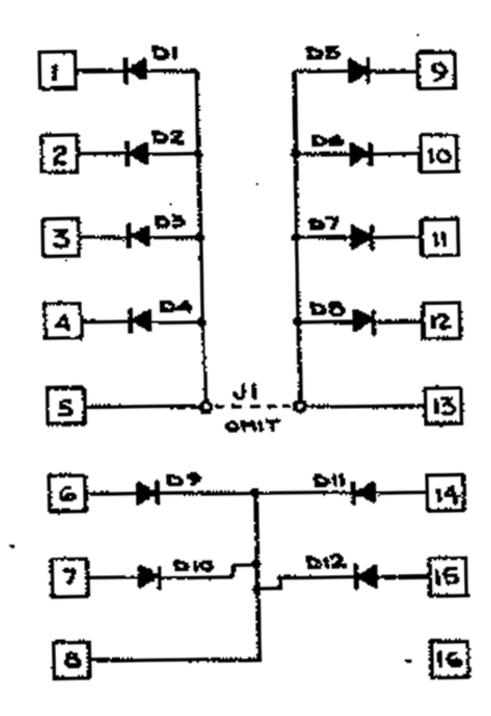
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MOTOR STARTER SCHEMATIC N110-9 6070D069

FORASOL

301C062 SHT 1 OF 1





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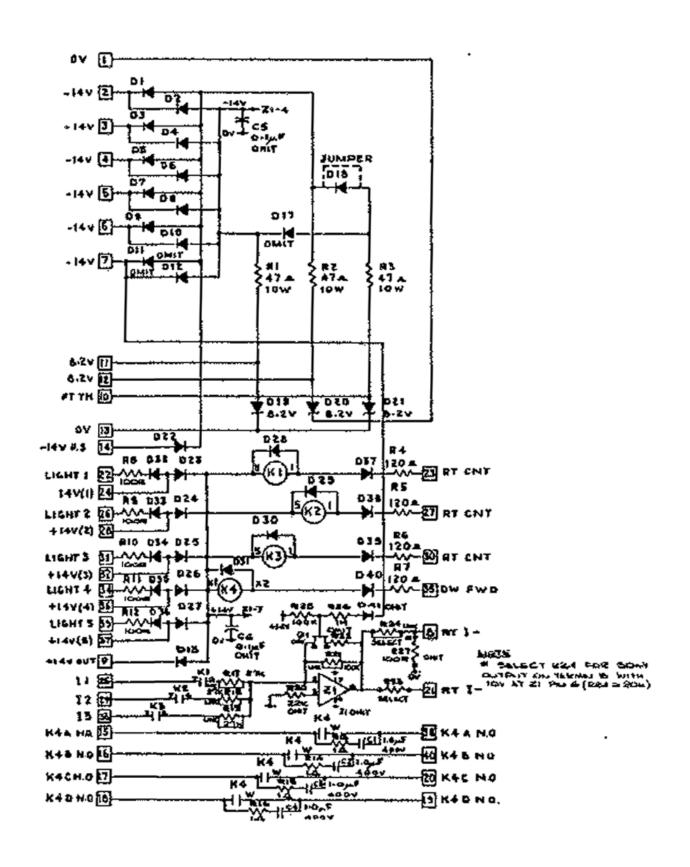


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E.	 GRAM AND ASSY. AUCTIONEERING PO	В
No.	DRG No.	REV.

301C062 0

301D009 0 Z) 04 C5 22 14213 Эh C RIT O -14 OH oz RT ENY -14 OH 103 24 147 (1) 04 -14 G 95 Ю O| •• |⊝ 25 -14 11 OH 07 Claim O Zå LIGHT Ž QOETTO/ - 14 06 O-Mas -O 27 RT CNT -14 Ograp € <u>Ç</u> —∙⊃ G-Hall-O ⊕িত্ত (2) + (4v 25 907 1-O-M012-O 25 (PAT D 12 C4 \$0 RT CNT G-(F-19)-D THR GEED) TIGHT 3 8.20 G----**A**3 12 32 + i 4 v (2) 8.2V ķΙ 13 6V 33 LIĞHT **○ 10210 ○ 210 M ○** G TO C 500 O Design C RII OF THE O 16 K4-B NO 36 G () O DES O (4) **⊕**••••••• 17 37 K4¢ No + 144 **⊕** (**=**14) (**⊕** ၀ 0 36 NO NO Cı 62 13 35 K48 LIGHT 5 20 40 K48 N0 K4C \oslash







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CCT DIAGRAM AND ASSY. DRILLERS CONSOLE PCB					
	DRG No.	R			
1ER	301D009	ı			

0

*****:. ①~ AL1 2 8 fot Homit 014 4124 048 -[5] L2 -(<u>₹3</u>)--• 443 Z 620 -{Z] LS 9--@33--• ALI Rig Brit RIM ₹13 **-** 5 9- (BIO) 6.1 tics 3 -[52]---•—<u>(616</u>)—• 9 po—<u>[oq</u>]—≠ 44(1)-4 112 €2] **1.4** P---[030]--LE 6-4 5 12 <u>• -- (612)</u>----0 q ALS[65]-**----[6]}**---222 -[4] LS 6 眨 RIT SMIT ALS 44 ---(۱۱۱)---ه 7 ٠--(المنافية Ļ7 416 15 AL 623 -{ie} re 070 T ð 1β ++2+ またろ ∯ +12√ 19 10 20 0.4 824 64 ·#• [6] ···(0 10) ··· O-1275 ---- in [8] +2.[0] 6t9 Dit +**[2] 214 -回**않**" a 10

301D099

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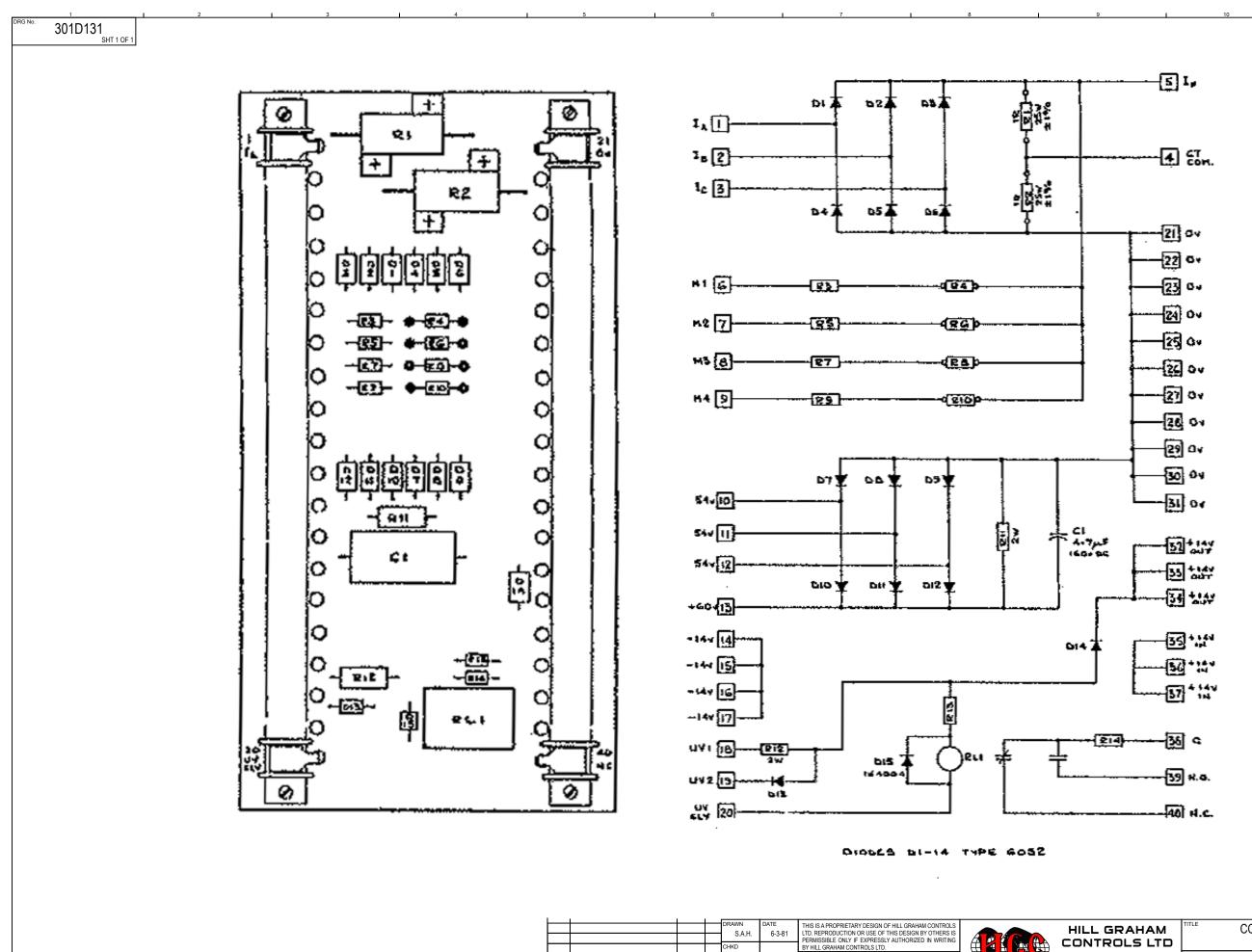
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CCT DIAGRAM AND ASSY. ALARM PCB 0 301D099



DESCRIPTION

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