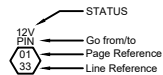


Conestoga College Smart Center PET Recycler Project

FILENAME	FILEDATE	SH	DWGDESC
00_Title Page	2023-02-23	00	Drawing table
01_Overall wiring	2023-02-23	01	Overall electrical wiring diagram
02_Power suply	2023-02-23	02	110VAC TO 12VDC POWER SUPPLY
03_Fan & Heater	2023-02-23	03	ON BOARD CONNECTION
04_Motor driver	2023-02-23	04	ON BOARD CONNECTION
05_VCC & Temp	2023-02-23	05	ON BOARD CONNECTION
06_Mega1	2023-02-23	06	ON BOARD CONNECTION
07_Mega2	2023-02-23	07	ON BOARD CONNECTION

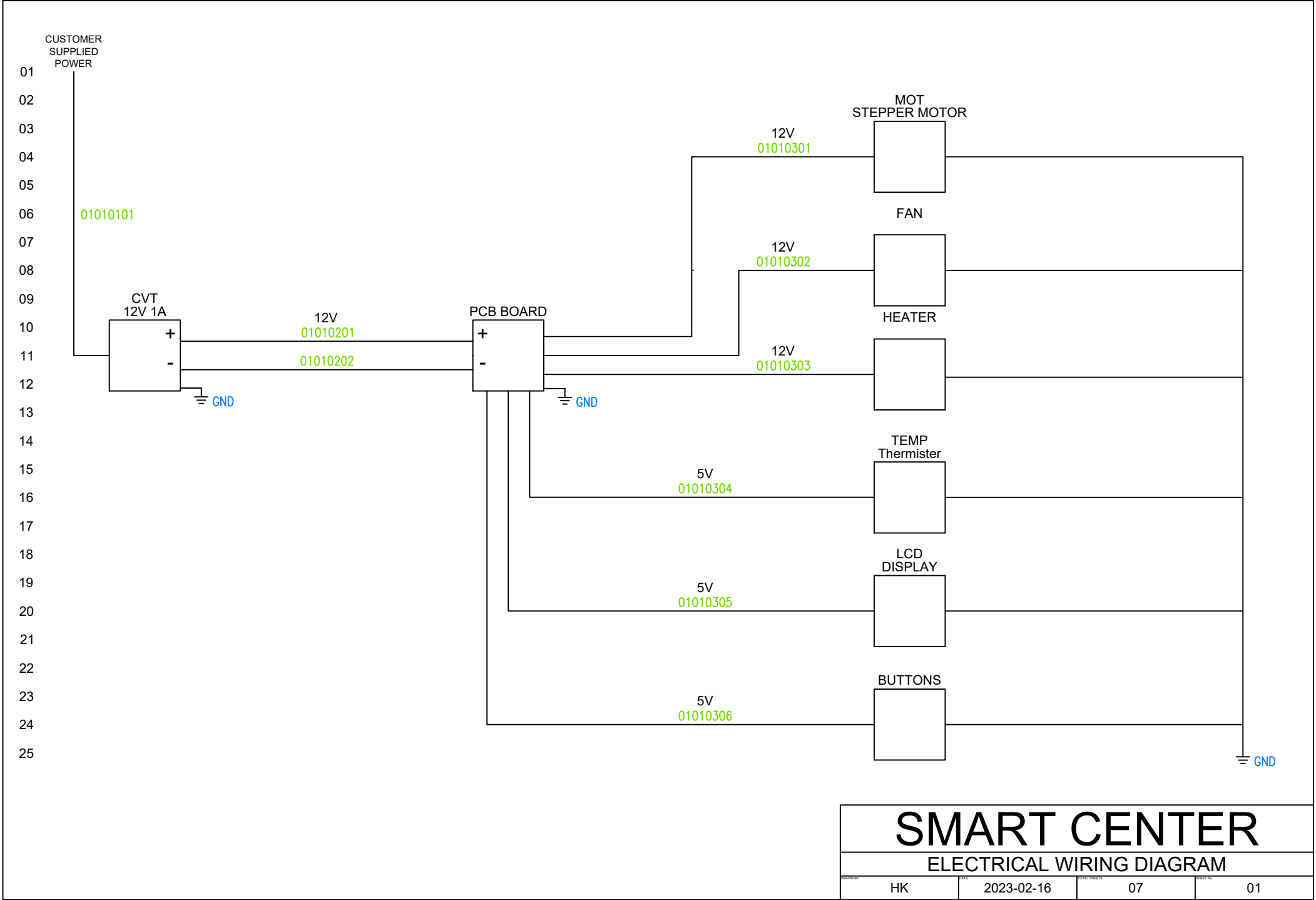
LEGEND



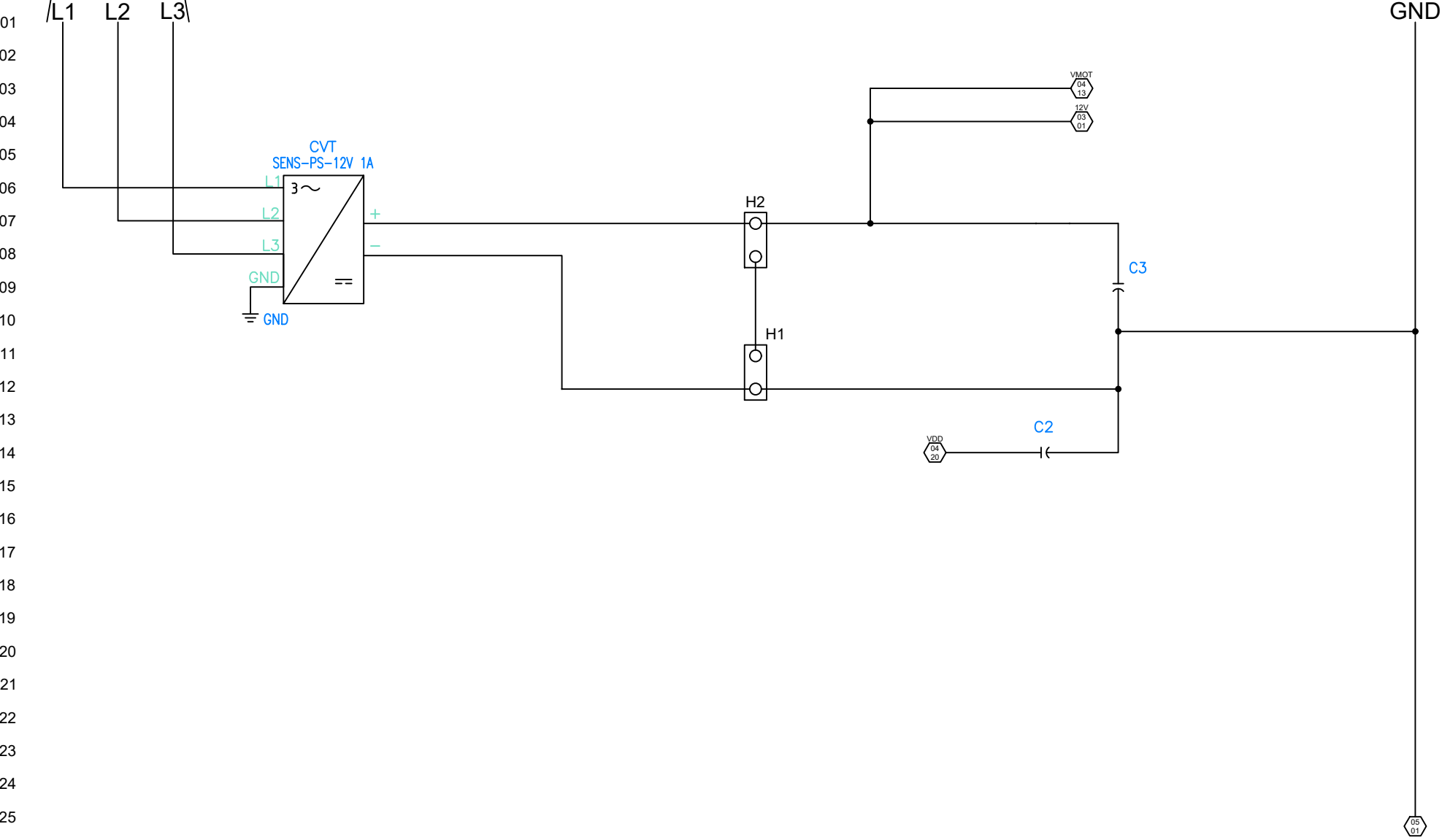
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TITLE PAGE

DRAWN BY	DATE	TOTAL SHEETS	SHEET NO.
HK	2023-02-16	07	00



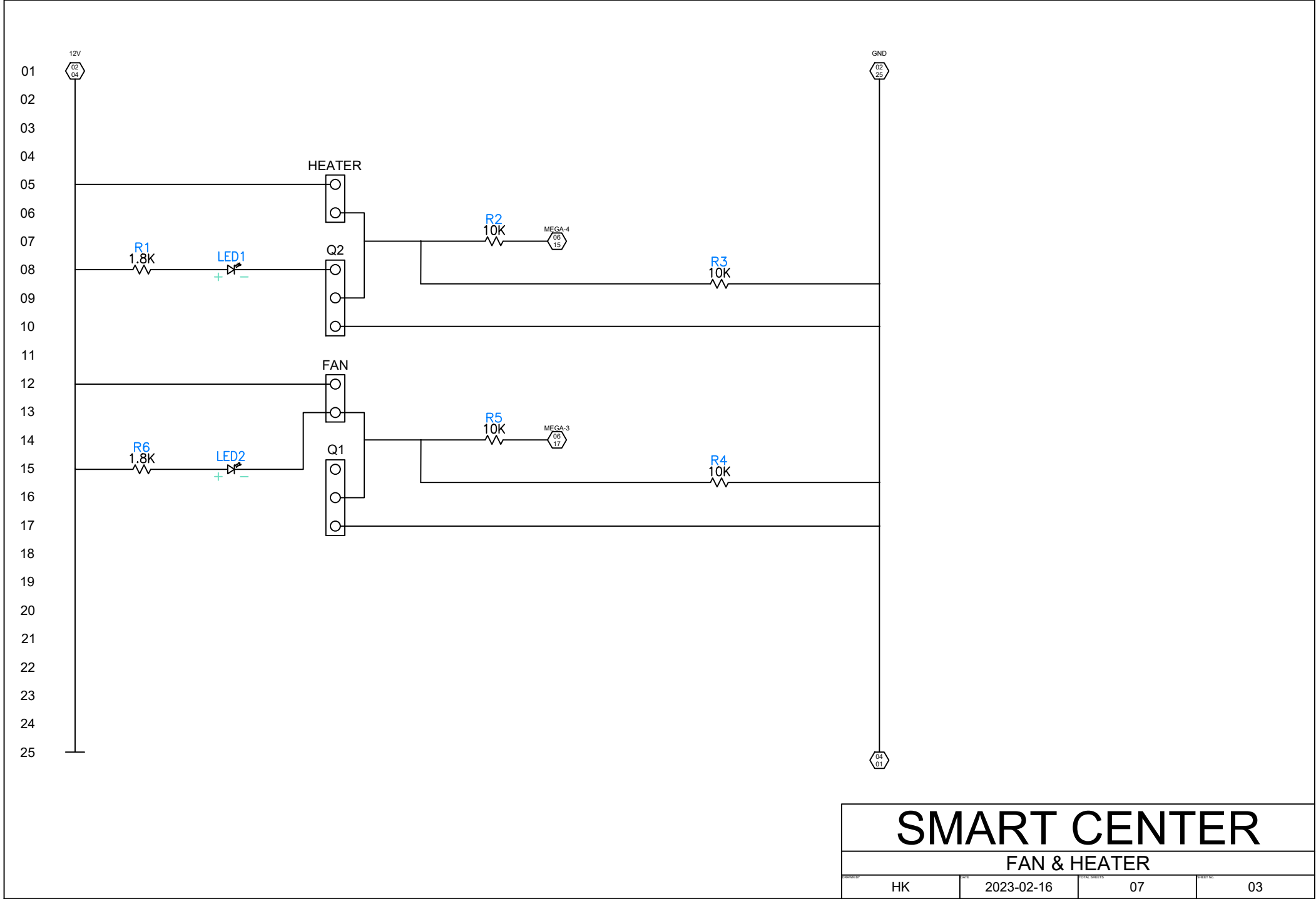
CUSTOMER SUPPLIED POWER
100-240VAC 3PH. 50-60Hz



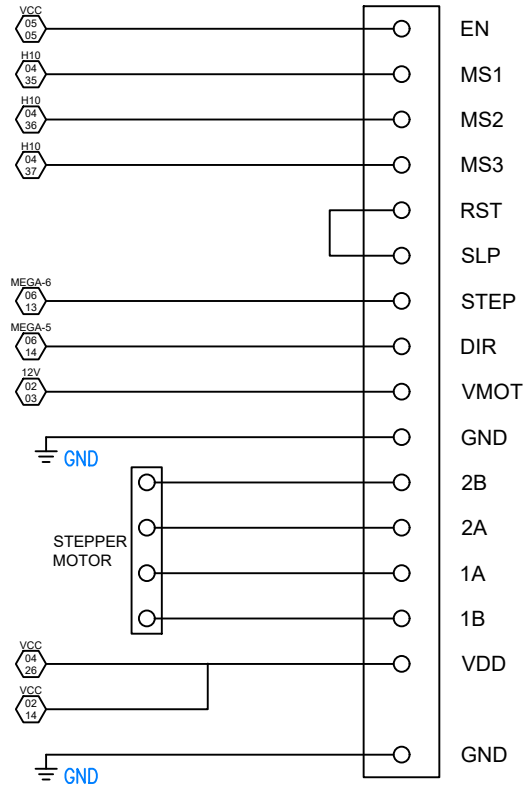
SMART CENTER

POWER SUPPLY

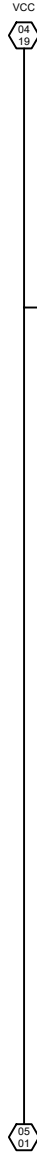
DESIGNED BY	DATE	TOTAL SHEETS	SHEET NO.
HK	2023-02-16	07	02



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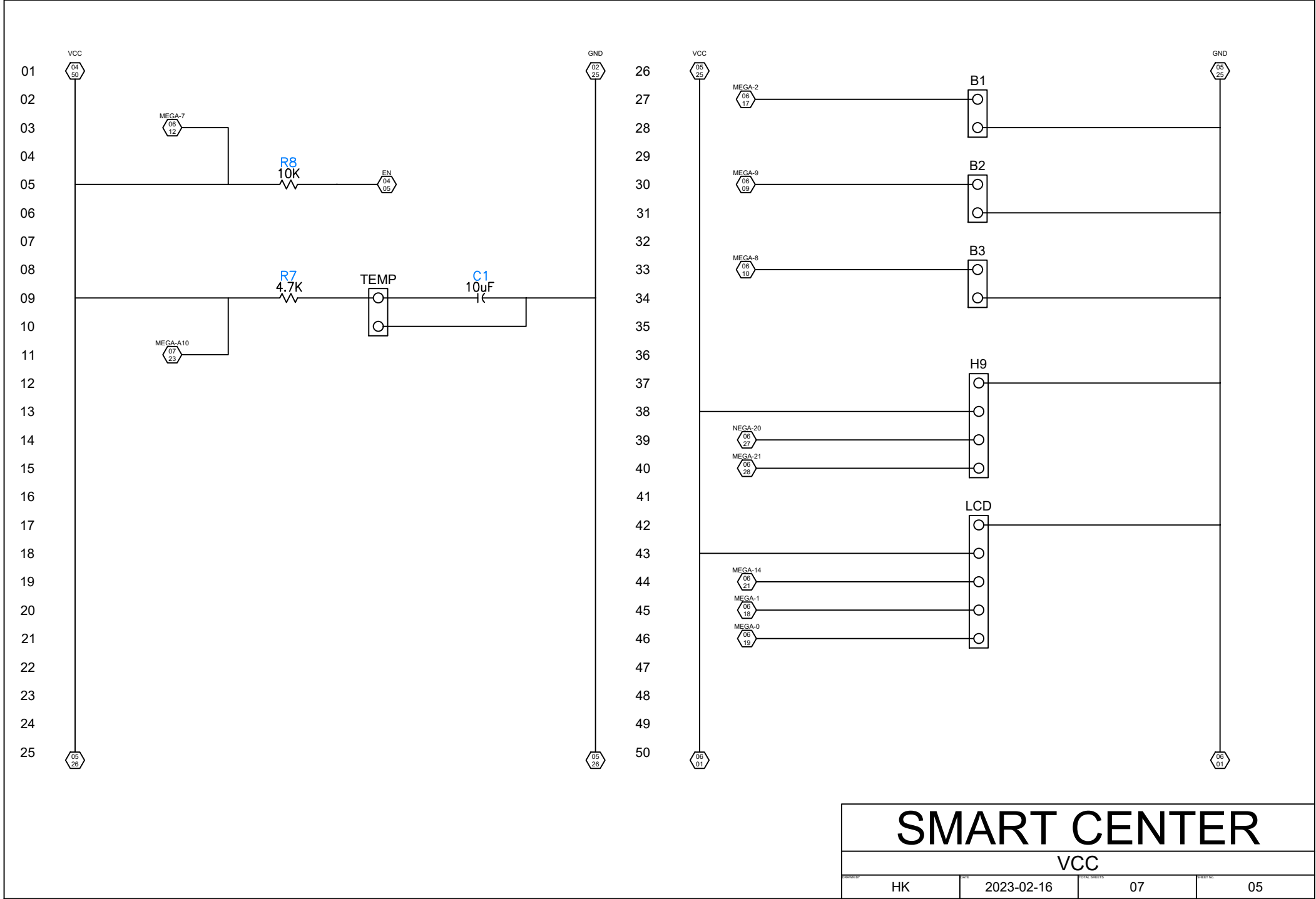
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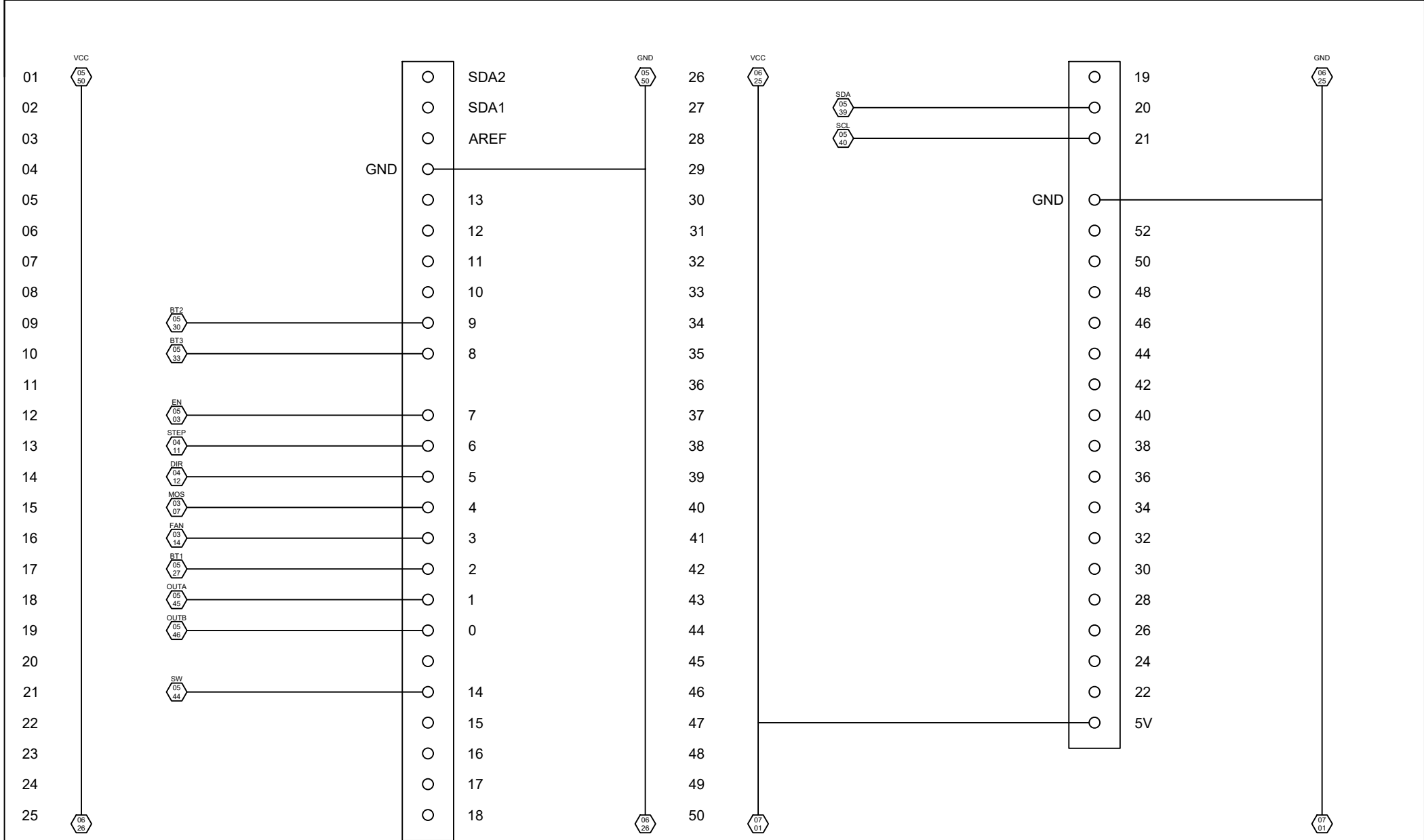


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MOTOR DRIVER

DESIGNED BY	DATE	TOTAL SHEETS	SHEET NO.
HK	2023-02-16	07	04

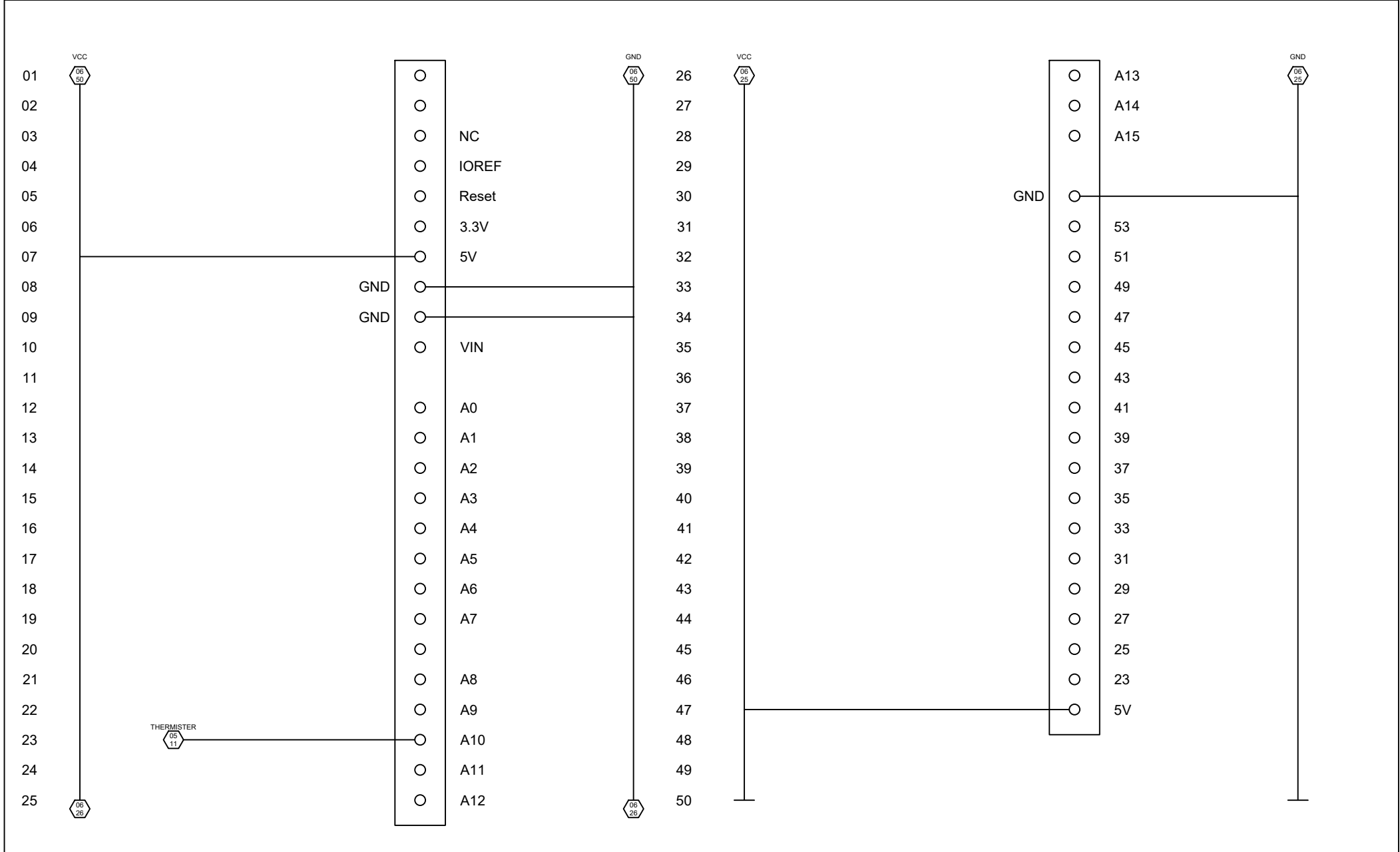




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ARDUINO MEGA 1

DESIGNED BY	DATE	TOTAL SHEETS	SHEET NO.
HK	2023-02-16	07	06



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ARDUINO MEGA 2

DESIGNED BY	DATE	TOTAL SHEETS	SHEET NO.
HK	2023-02-16	07	07