

1

2

3

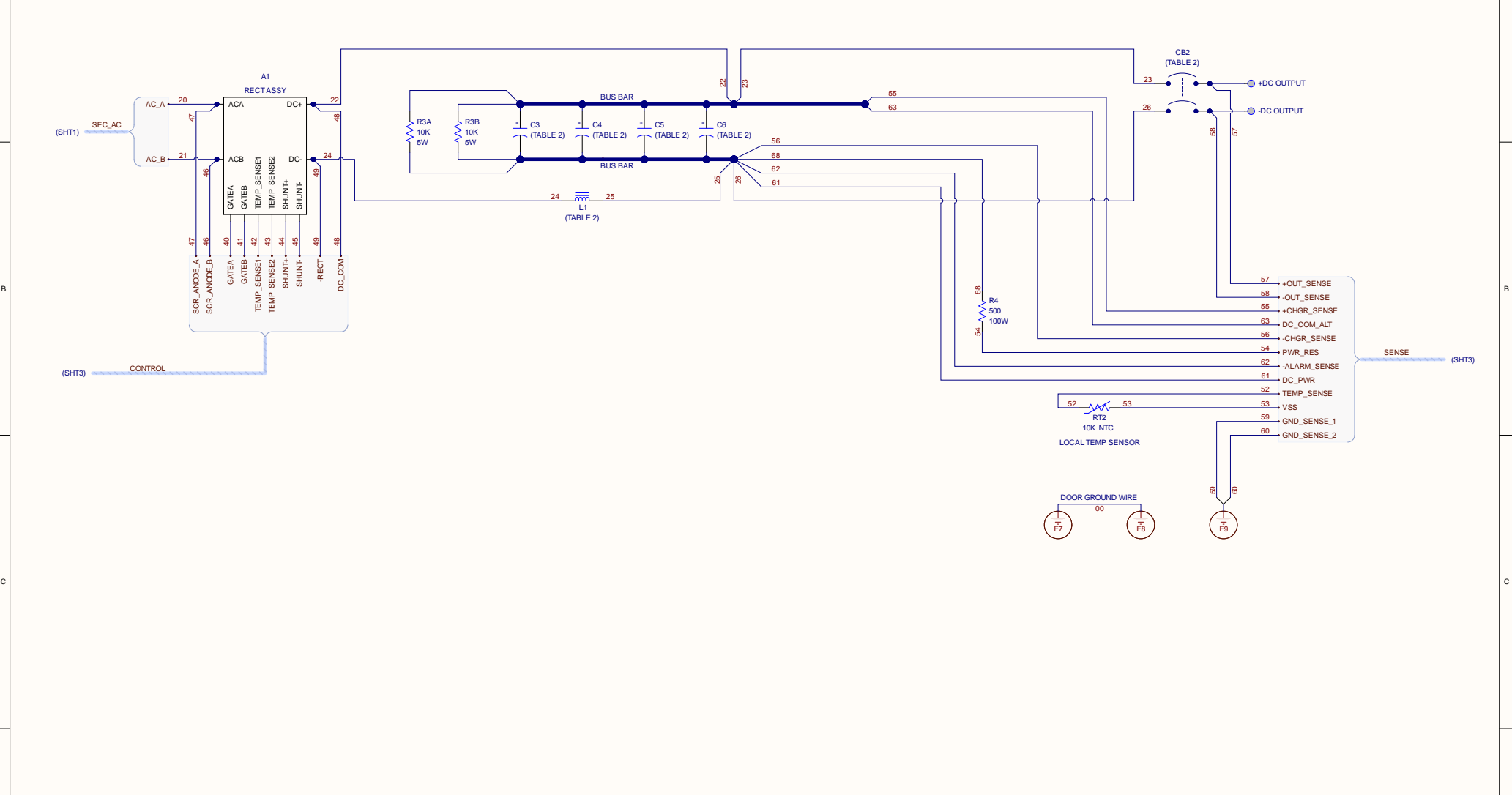
4

5

6

REVISIONS

DCN	REV	DESCRIPTION	DATE	APPROVED
106051	A	INIT.REL. 120V ONLY, SHOW R3A-R3B SEPARATELY	19 DEC 2011	TCG
106471	B	REDRAWN AND UPDATED	19 FEB 2014	TCG
108061	C	DIGITAL CONTROL BOARD, PROTOCOL BOARD	08 SEP 2020	TCG
109062	D	UPDATE J4 SIGNAL NAMES	07 JUL 2021	TCG



1

2

3

4

5

6

TABLE 2

OUTPUT	C3-C6	L1	CB2	PWR WIRES	GND WIRE
120V 6A	1X 8200uF 200V	602223	15A 250VDC	10 AWG	10 AWG
120V 12A	2X 8200uF 200V	602227	15A 250VDC	10 AWG	10 AWG
120V 16A	2X 8200uF 200V	602232	20A 250VDC	10 AWG	10 AWG
120V 25A	2X 8200uF 200V	602236	35A 250VDC	10 AWG	10 AWG
120V 35A	3X 8200uF 200V	602241	50A 250VDC	8 OR 6 AWG	10 AWG
120V 50A	4X 8200uF 200V	602245	70A 250VDC	6 AWG	6 AWG

NOTES

- OUTPUT CONFIGURATION FOR 120V MODELS WITH ONE STAGE OUTPUT FILTER, WITHOUT OUTPUT BLOCKING DIODES
- C3-C6, CB2, AND L1 VARY WITH OUTPUT RATING. SEE TABLE 2.
- CONTROL AND SENSE HARNESSES ARE 22 AWG MINIMUM. SEE TABLE 2 FOR DOOR GROUND AND OUTPUT POWER WIRES.

PROPRIETARY INFORMATION

DESIGNER

CHECKER

ENGINEER

T. GROUT

APPROVALS

DESIGNER

CHECKER

ENGINEER

T. GROUT

DATE

07 JUL 2021

SHEET

2

OF

3

FILE

WD_00585.SCHDOC

SENS

STORED ENERGY SYSTEMS
LONGMONT, CO

WD, IQ, OUTPUT, 120V, 1 STG
RECTIFIER, FILTER AND POWER OUTPUT

SIZE

C

DATE

07 JUL 2021

REVISION

D

THIS DRAWING AND DATA/EMBODY
PROPRIETARY INFORMATION WHICH
IS THE CONFIDENTIAL PROPERTY OF
STORED ENERGY SYSTEMS LLC
(SENS) AND WHICH SHALL NOT BE
COPIED, REPRODUCED OR
DISCLOSED TO OTHERS.