

TITLE: Oscilloscope\_Project v60

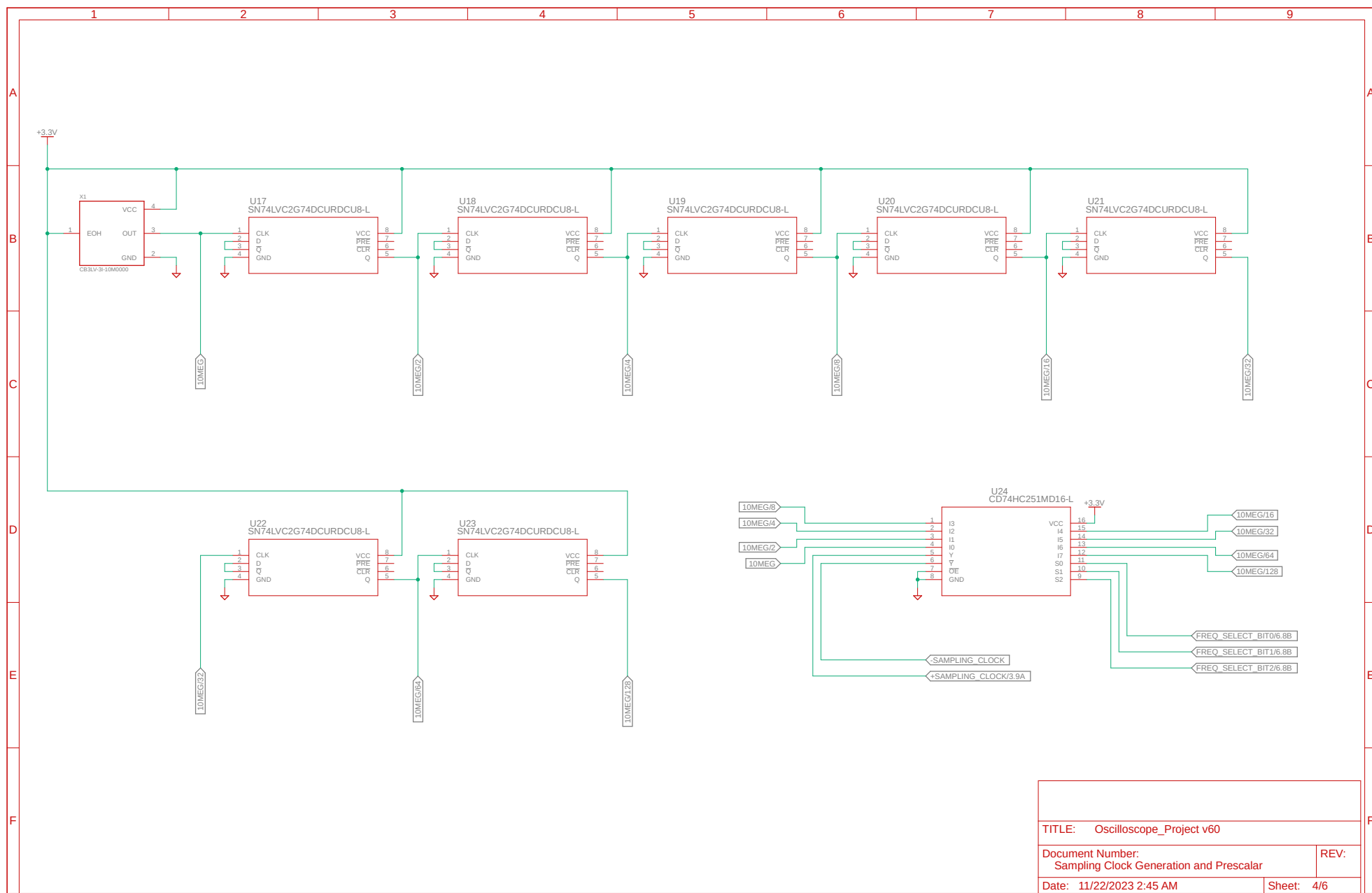
Document Number:  
Preamplification Stage and Anti-Aliasing Filter

Date: 11/22/2023 2:45 AM

REV:

Sheet: 2/6





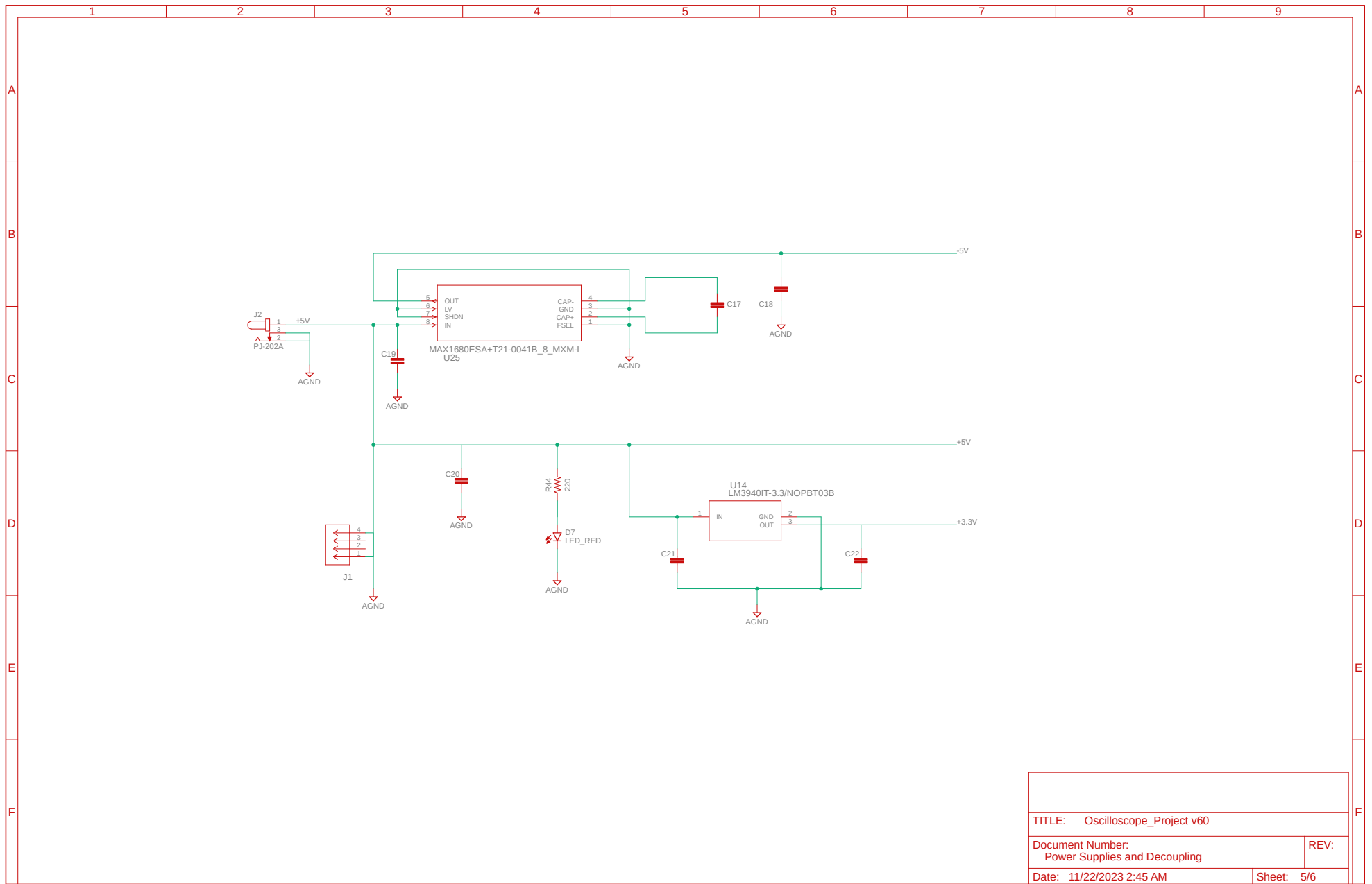
TITLE: Oscilloscope\_Project v60

Document Number:  
Sampling Clock Generation and Prescaler

REV:

Date: 11/22/2023 2:45 AM

Sheet: 4/6



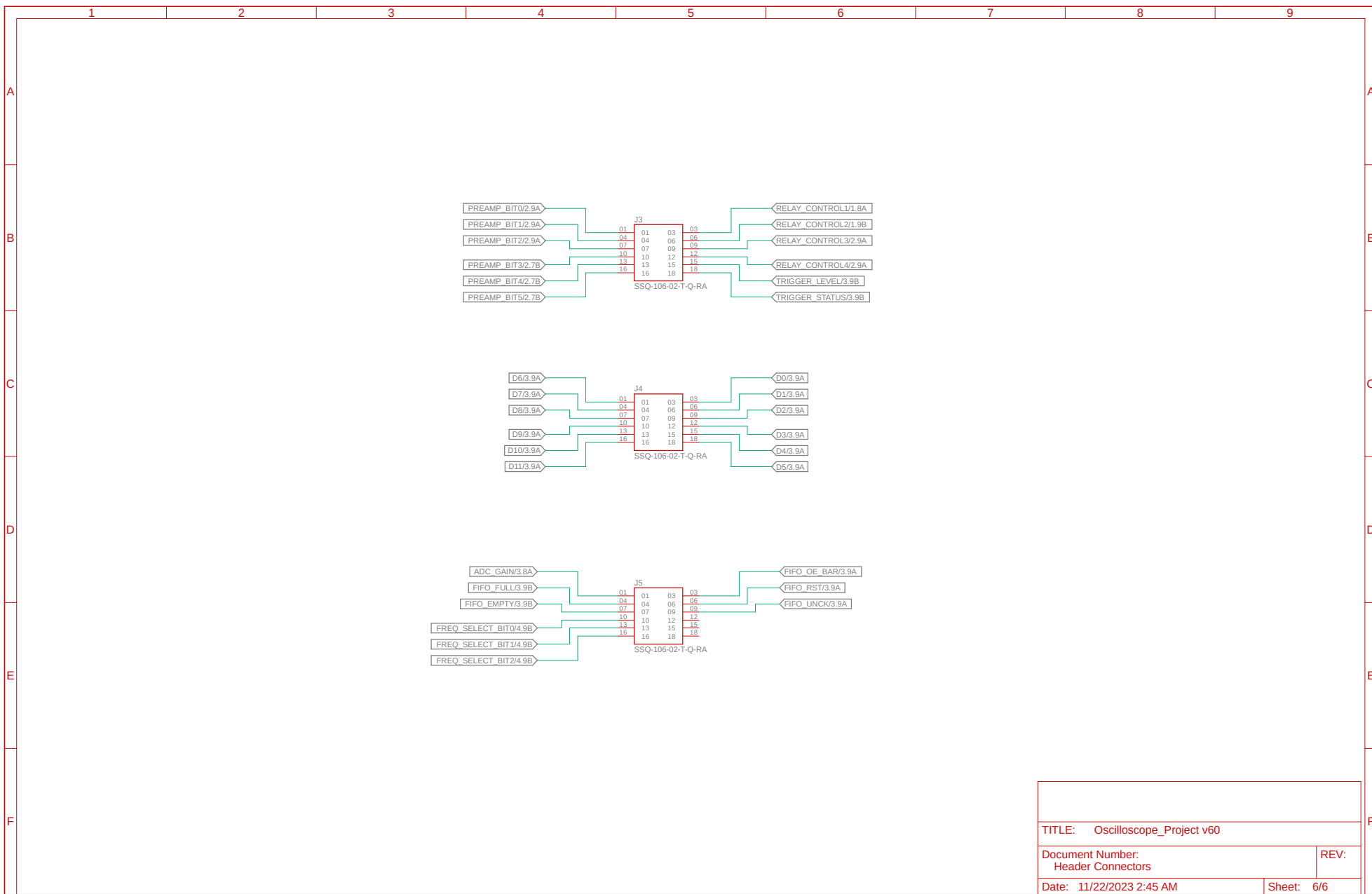
TITLE: Oscilloscope\_Project v60

Document Number:  
Power Supplies and Decoupling

REV:

Date: 11/22/2023 2:45 AM

Sheet: 5/6



ADC\_GAIN/3.8A

FIFO\_FULL/3.9B

FIFO\_EMPTY/3.9B

FREQ\_SELECT\_BIT0/4.9B

FREQ\_SELECT\_BIT1/4.9B

FREQ\_SELECT\_BIT2/4.9B

J5

01 04 07 10 13 16

01 04 07 10 13 16

03 06 09 12 15 18

SSQ-106-02-T-Q-RA

FIFO\_OE\_BAR/3.9A

FIFO\_RST/3.9A

FIFO\_UNCK/3.9A

TITLE: Oscilloscope_Project v60	
Document Number: Header Connectors	REV:
Date: 11/22/2023 2:45 AM	Sheet: 6/6