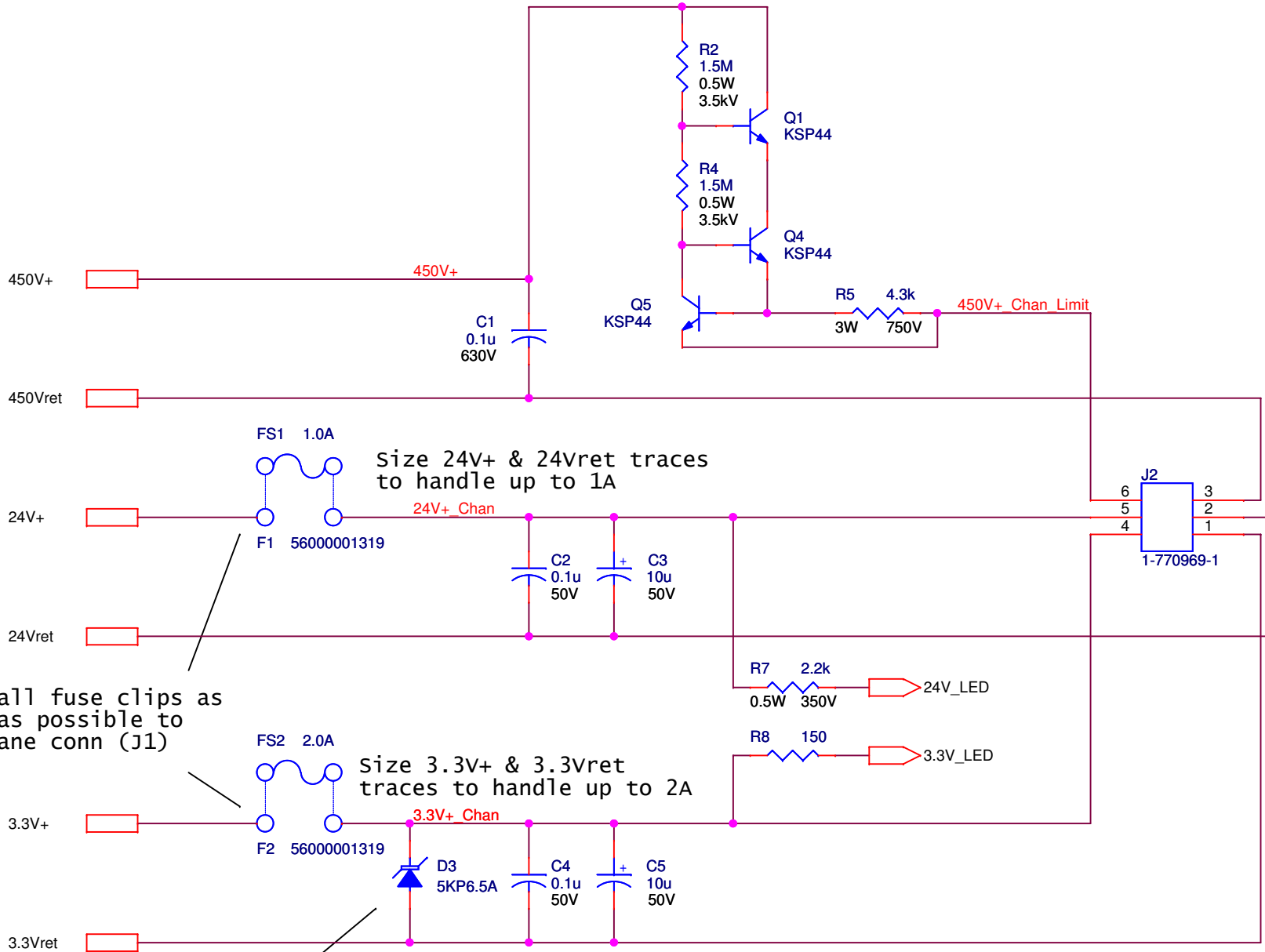


verify LED footprint such that pin 1 is top/yellow anode.

University of Virginia Physics Dept. 382 McCormick Rd, Charlottesville, VA 22904		
Title PDB FEB Card for NOVA Project		
Size A	Drawn By Stephen Goadhouse, 434-982-5594, sgd6h@virginia.edu	Rev 3.1
Date: Tuesday, December 15, 2009	Sheet 1	of 5



Size 24V+ & 24Vret traces to handle up to 1A

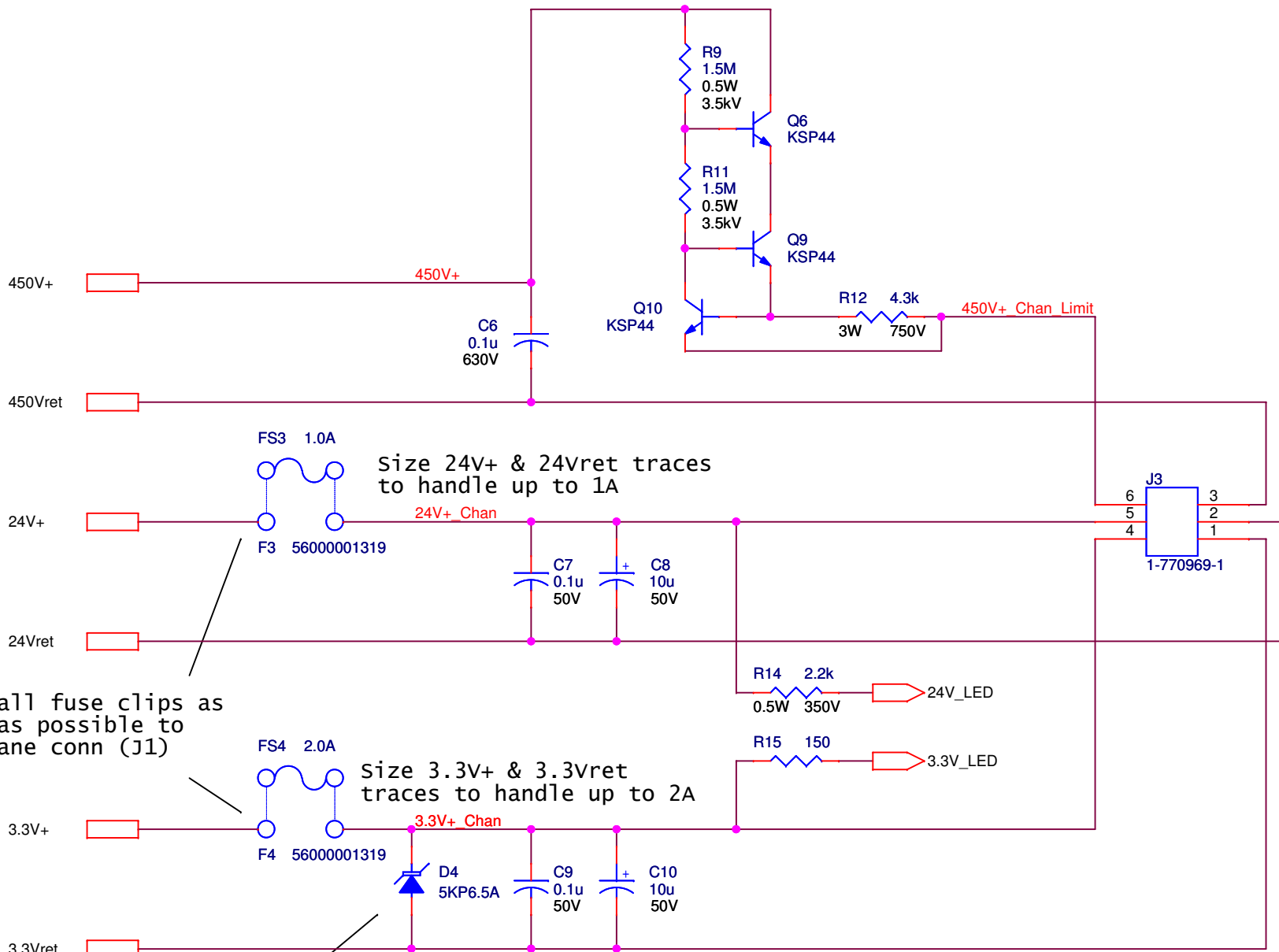
Size 3.3V+ & 3.3Vret traces to handle up to 2A

Place all fuse clips as close as possible to backplane conn (J1)

Place TVS as close as possible to fuse clip.

/Chan1

University of Virginia Physics Dept. 382 McCormick Rd, Charlottesville, VA 22904		
Title PDB FEB Card for NOVA Project		
Size A	Drawn By Stephen Goadhouse, 434-982-5594, sgd6h@virginia.edu	Rev 3.1
Date:	Tuesday, December 15, 2009	Sheet 2 of 5



Size 24V+ & 24Vret traces to handle up to 1A

Size 3.3V+ & 3.3Vret traces to handle up to 2A

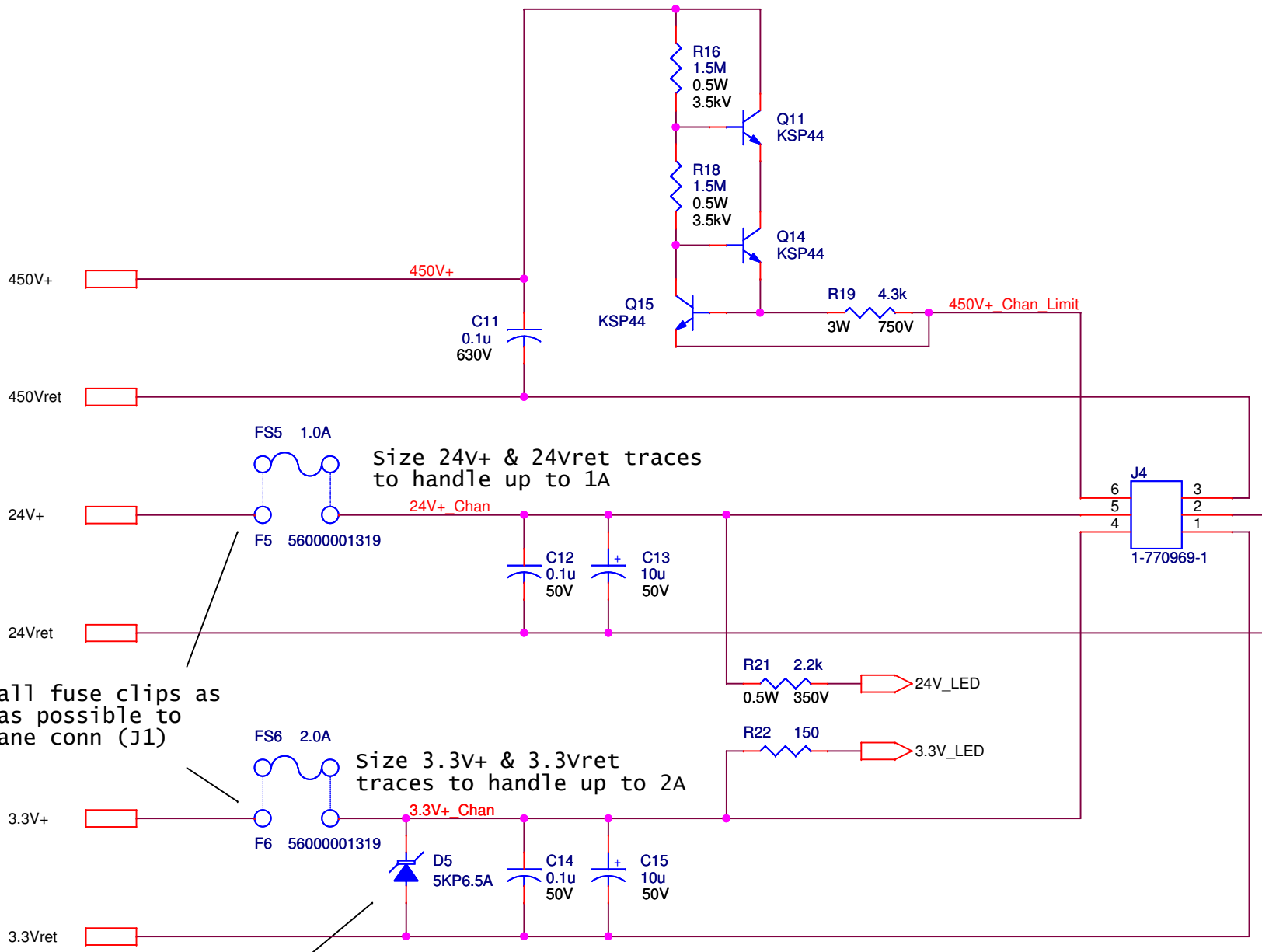
Place all fuse clips as close as possible to backplane conn (J1)

Place TVS as close as possible to fuse clip.

Front Panel Power Conn

/Chan2

University of Virginia Physics Dept. 382 McCormick Rd, Charlottesville, VA 22904		
Title PDB FEB Card for NOVA Project		
Size A	Drawn By Stephen Goadhouse, 434-982-5594, sgd6h@virginia.edu	Rev 3.1
Date:	Tuesday, December 15, 2009	Sheet 3 of 5



Place all fuse clips as close as possible to backplane conn (J1)

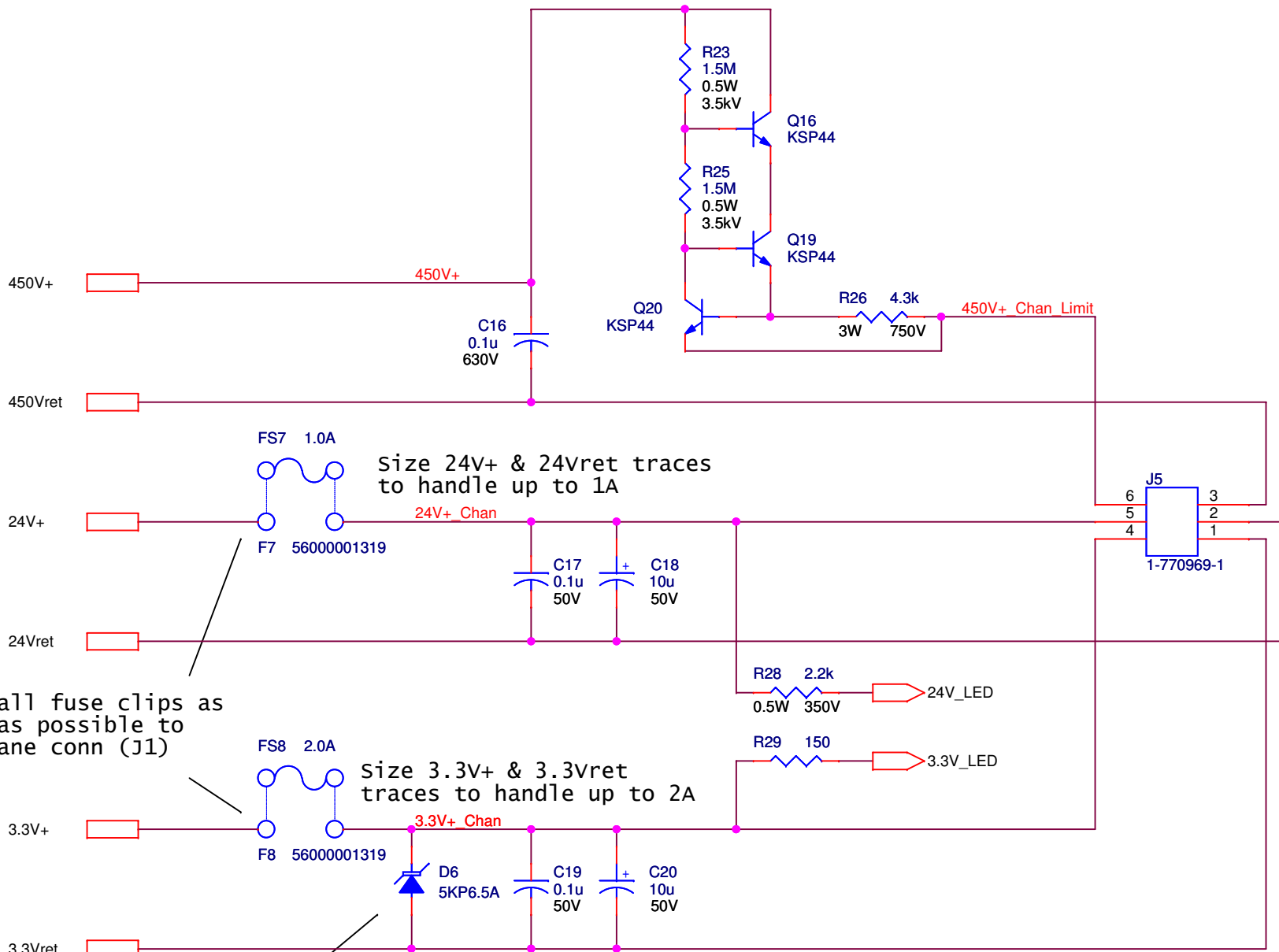
Place TVS as close as possible to fuse clip.

Size 24V+ & 24Vret traces to handle up to 1A

Size 3.3V+ & 3.3Vret traces to handle up to 2A

/Chan3

University of Virginia Physics Dept. 382 McCormick Rd, Charlottesville, VA 22904		
Title PDB FEB Card for NOVA Project		
Size A	Drawn By Stephen Goadhouse, 434-982-5594, sgd6h@virginia.edu	Rev 3.1
Date:	Tuesday, December 15, 2009	Sheet 4 of 5



Size 24V+ & 24Vret traces to handle up to 1A

Size 3.3V+ & 3.3Vret traces to handle up to 2A

Place all fuse clips as close as possible to backplane conn (J1)

Place TVS as close as possible to fuse clip.

/Chan4

University of Virginia Physics Dept. 382 McCormick Rd, Charlottesville, VA 22904		
Title PDB FEB Card for NOvA Project		
Size A	Drawn By Stephen Goadhouse, 434-982-5594, sgd6h@virginia.edu	Rev 3.1
Date:	Tuesday, December 15, 2009	Sheet 5 of 5