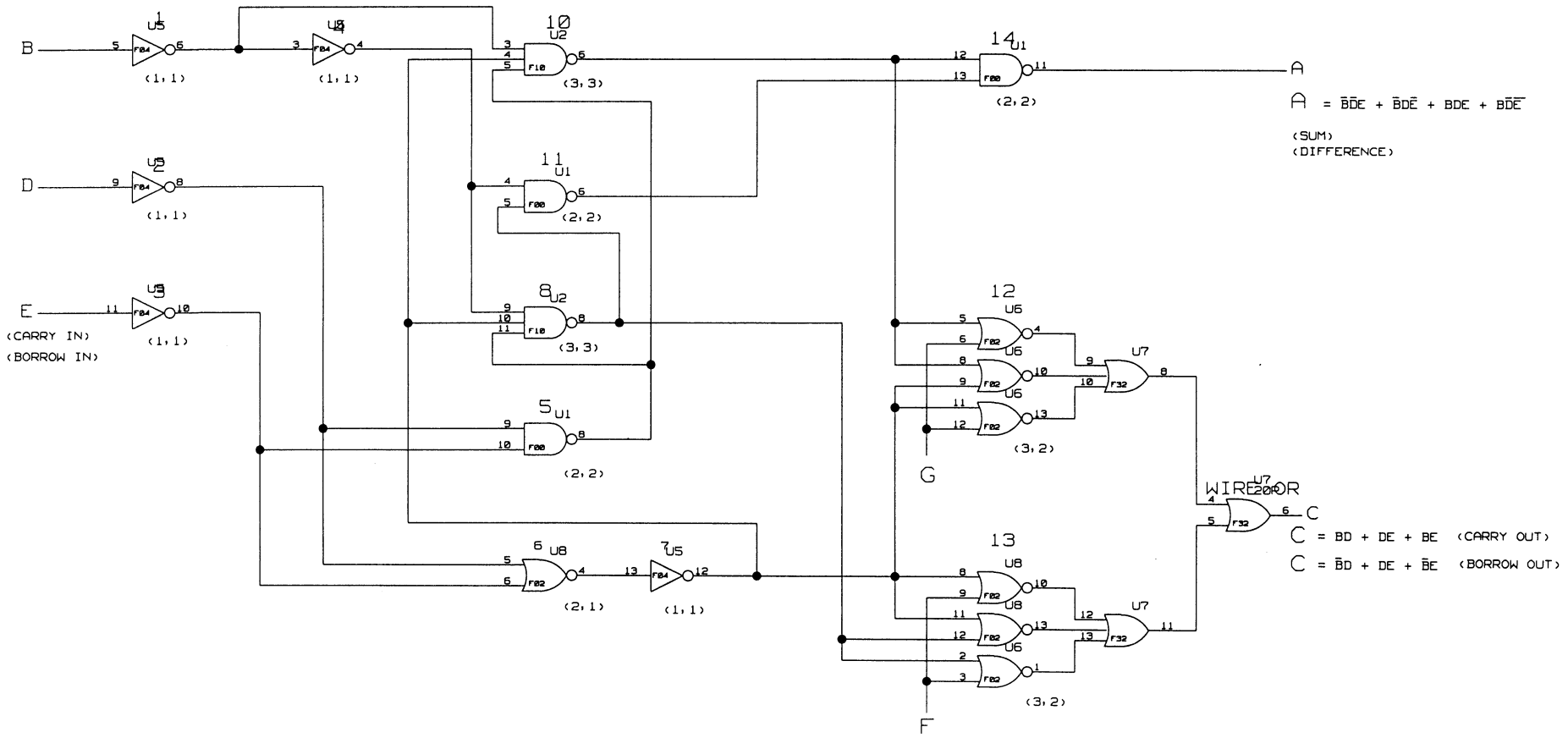
# ELECTRONICS DRAWING SET I.D. NUMBERS

| Drawing Set I.D. Number | Job Title | Date Started | ATANASOFF BERRY Designer | Requester |
|---|---|---|---|---|
| 22500 | ABC (ADD SUBTRACT MODULE LOGIC) | 6/1/95 | Gary Sleege | ISU FOUNDATION |
| 22501 | ABC SYSTEM DRAWING ONE | / / | Gary Sleege | |
| 22502 | ABC SYSTEM DRAWING TWO | / / | Gary Sleege | |
| 22503 | ABC SYSTEM DRAWING THREE | / / | Gary Sleege | |
| 22504 | ABC SYSTEM DRAWING FOUR | / / | Gary Sleege | |
| 22505 | ABC SYSTEM DRAWING FIVE | / / | Gary Sleege | |
| 22506 | ABC POWER SUPPLY DRAWING | / / | Gary Sleege | |
| 22507 | ABC POWER DISTRIBUTION DRAWING | / / | Gary Sleege | |
| 22508 | ADD SUBTRACT CONTROL | / / | Gary Sleege | |
| 22509 | | / / | | |
| 22510 | ADD SUBTRACT MODULE | / / | Gary Sleege | |
| 22511 | BASE 2 READER | / / | Gary Sleege | |
| 22512 | COEFFICIENT SIGN RELAYS | / / | Gary Sleege | |
| 22513 | DECIMAL OUTPUT CONTROL | / / | Gary Sleege | |
| 22514 | DIVISION CONTROL, NEG. NUM. IND. | / / | Gary Sleege | |
| 22515 | HOLD SHIFT | / / | Gary Sleege | |
| 22516 | SHIFT CONTROL | / / | | |
| 22517 | ONE CYCLE RELAYS | | Reserved | |
| 22518 | ABC TIMING | | | |
| 22519 | PUNCH TRANSFORMERS | | ABC | |
| 22520 | ABC PUNCH DRIVERS | | | |
| 22521 | ABC PUNCH DISPLAY | | | |
| 22522 | | | | |
| 22523 | | | | |
| 22524 | | | | |

22500 - 22524
Reserved for ABC

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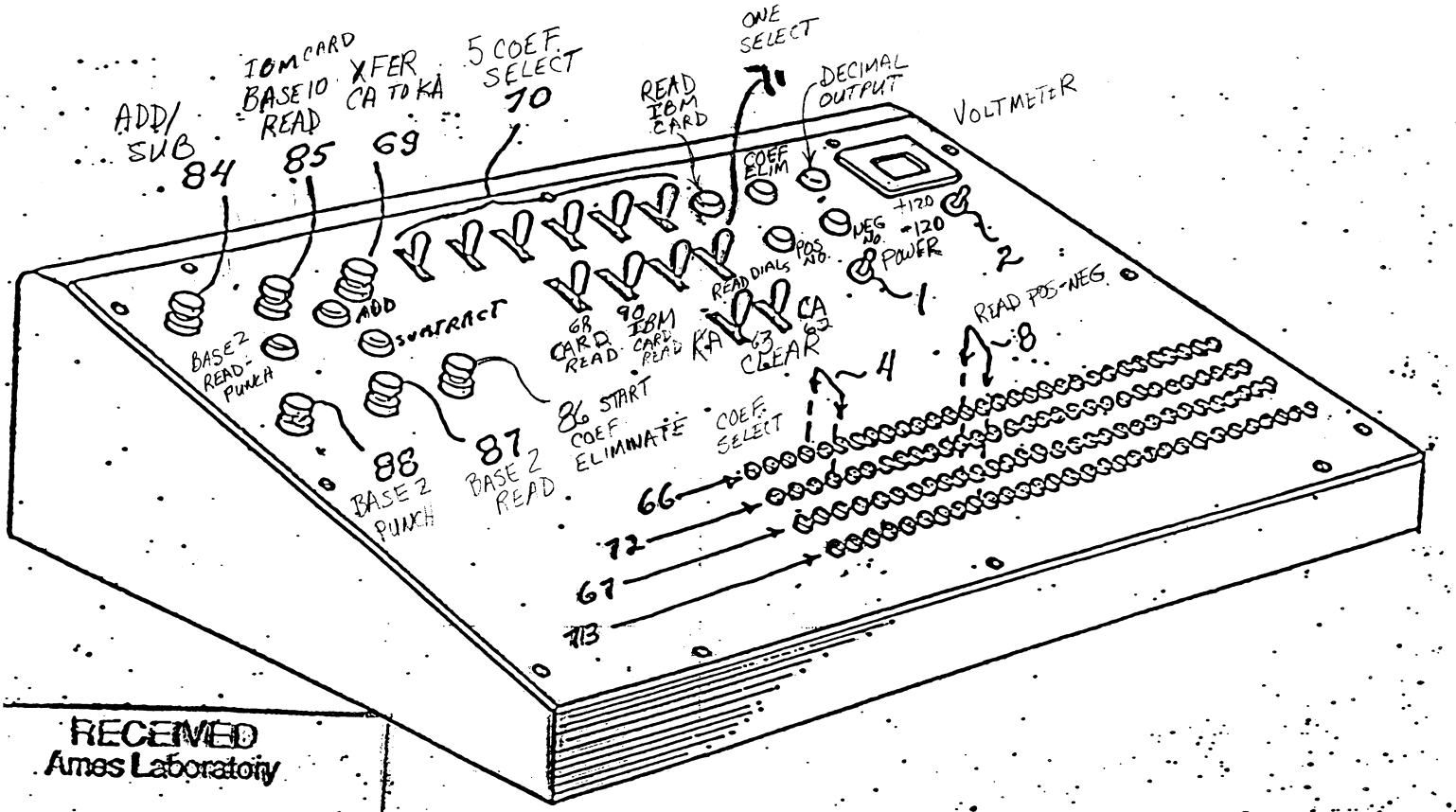
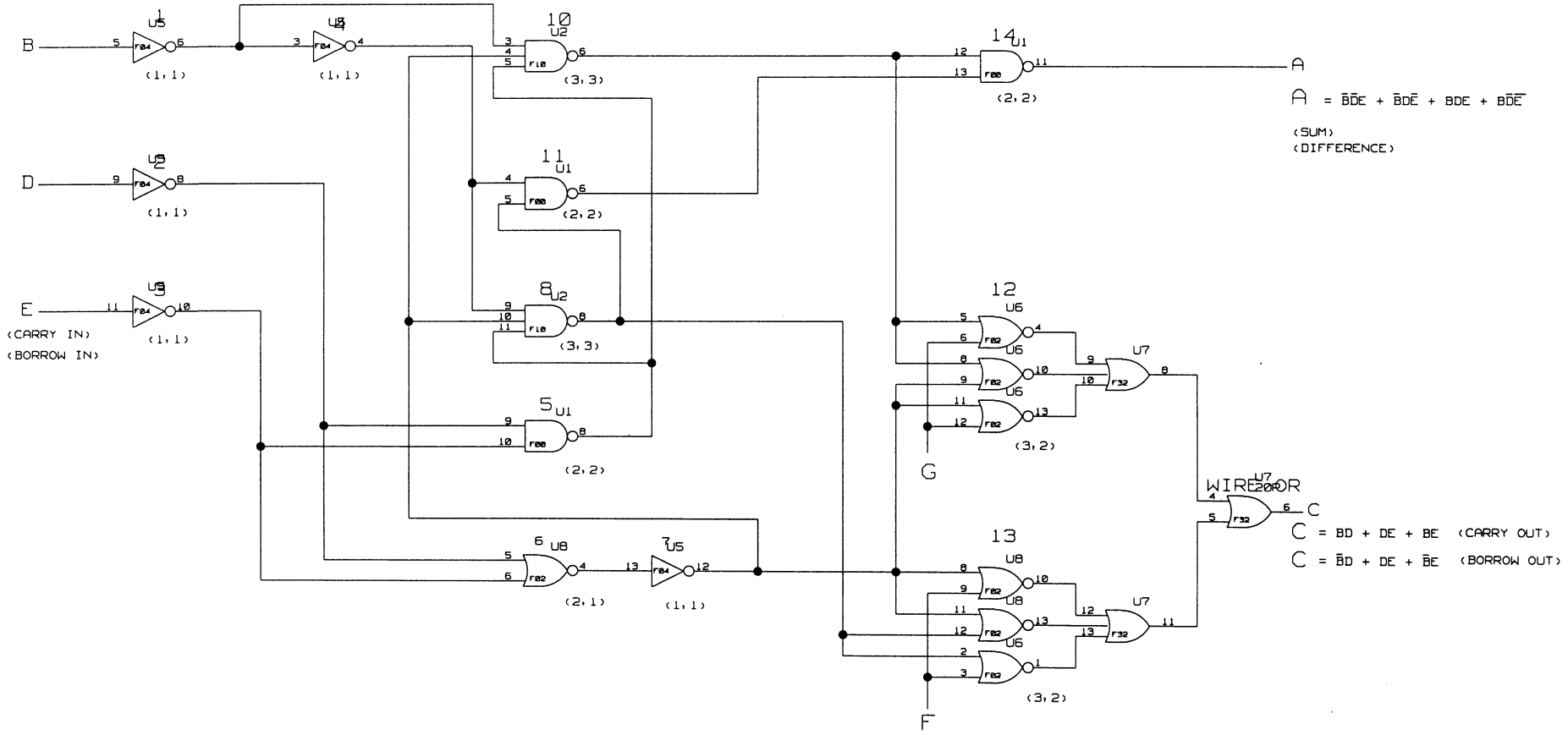
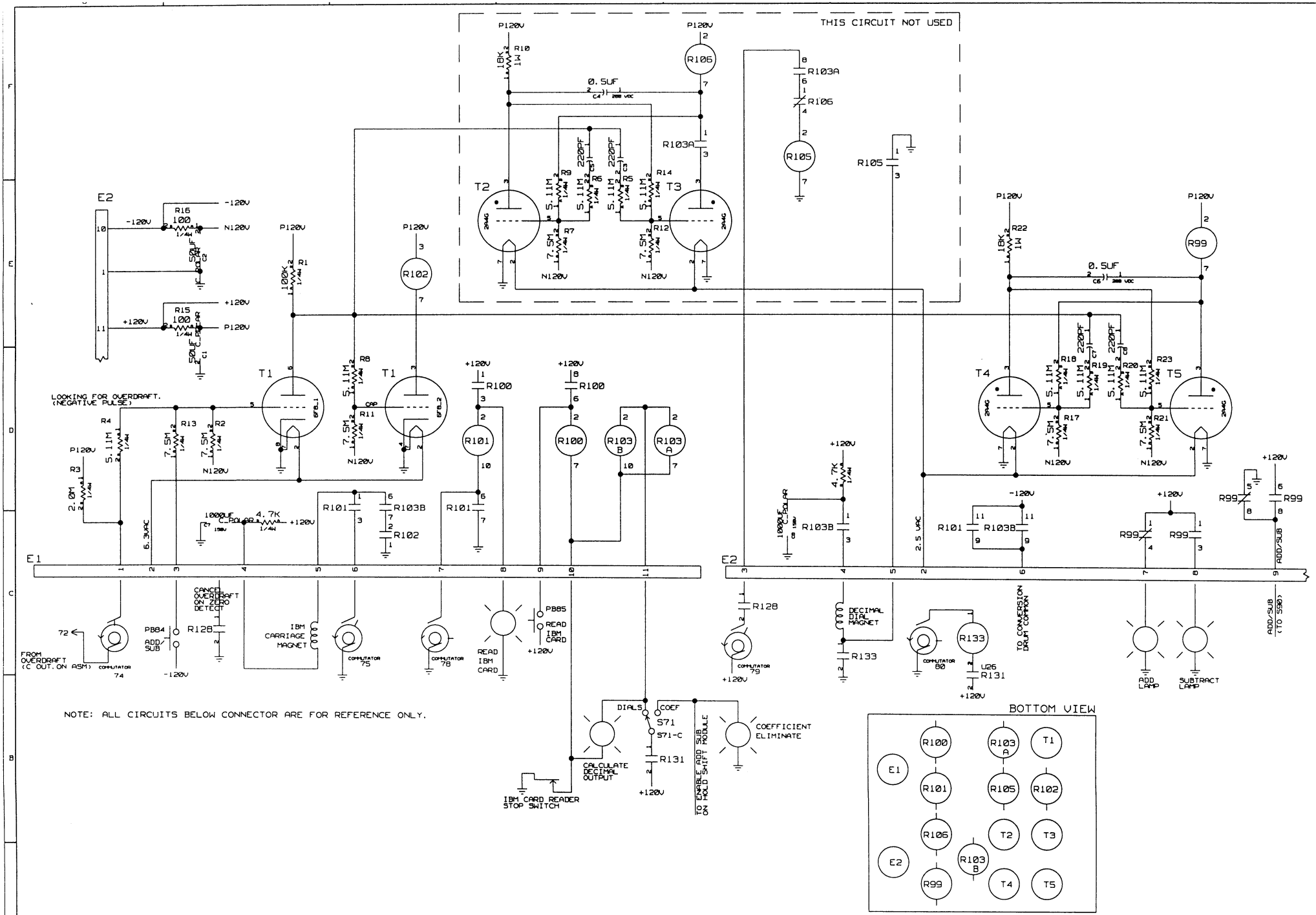
|---|---|---|---|---|---|
| REQUESTOR | JOB ORDER L00968 | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50011 | TITLE ABC (ADD SUBTRACT MODULE LOGIC) | |
| GROUP LEADER | DATE FEBRUARY 17, 1996 | LAYOUT BY | | FILE NO 22500 | REVISION |
| | | | | APPROVED BY | VERIFIED BY |




RECEIVED
Ames Laboratory
SEP 06 1994
Engineering Services




| REQUESTOR | JOB ORDER | DESIGNED BY | AMES LABORATORY | TITLE |
|---|---|---|---|---|
| | L00968 | GARY SLEEGE | IOWA STATE UNIVERSITY | ABC (ADD SUBTRACT MODULE LOGIC) |
| GROUP LEADER | DATE | LAYOUT BY | AMES, IOWA 50011 | FILE NO 22500 / REVISION |
| | FEBRUARY 17, 1996 | | | APPROVED BY / VERIFIED BY |

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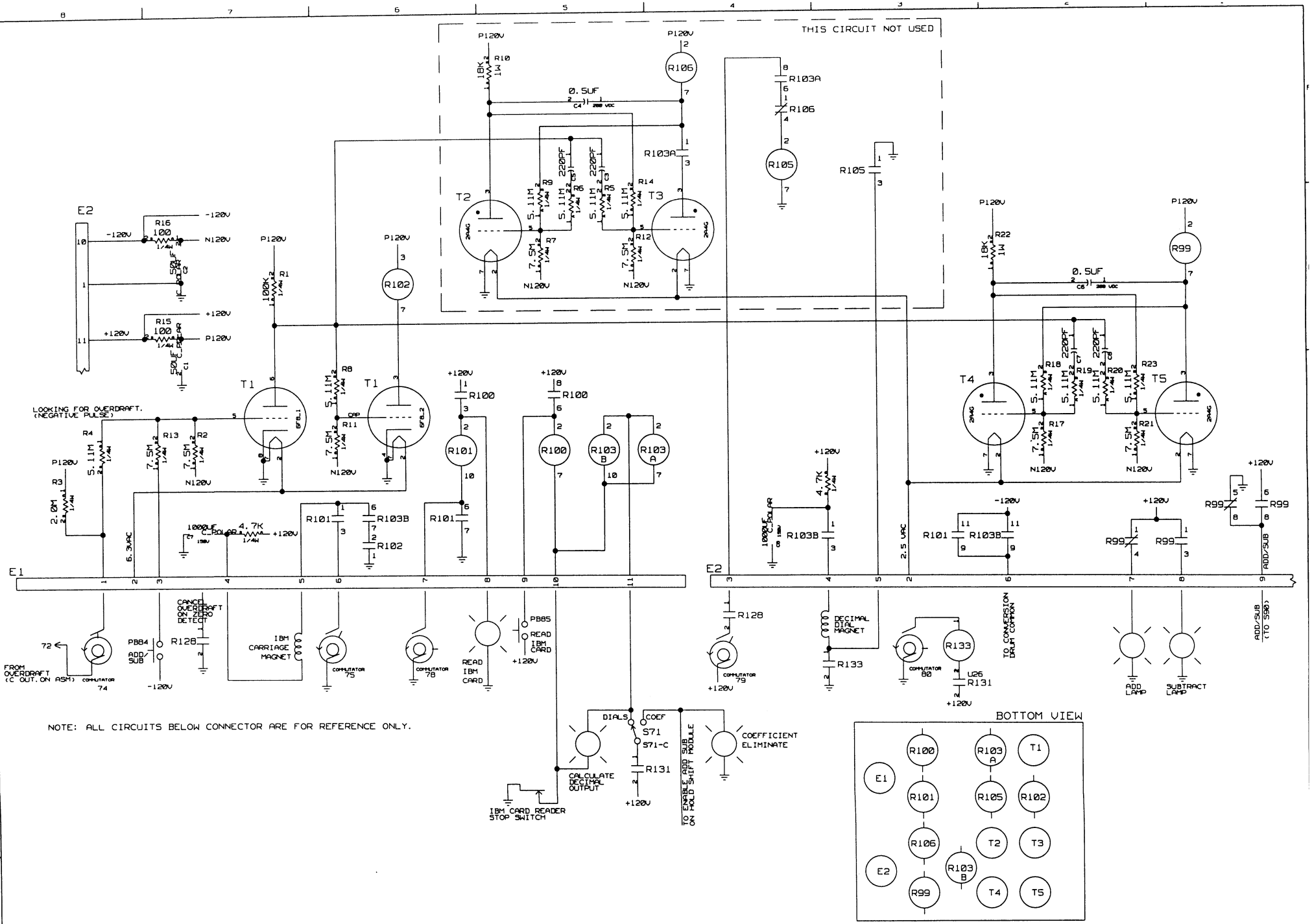
|---|---|---|---|---|
| REQUESTOR | JOB ORDER L00968 | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50011 | TITLE ADD SUBTRACT CONTROL (ABC) |
| GROUP LEADER | DATE SEPTEMBER 6, 1996<br>4-2-96 | LAYOUT BY | | FILE NO 22508 REVISION |
| | | | | APPROVED BY VERIFIED BY |

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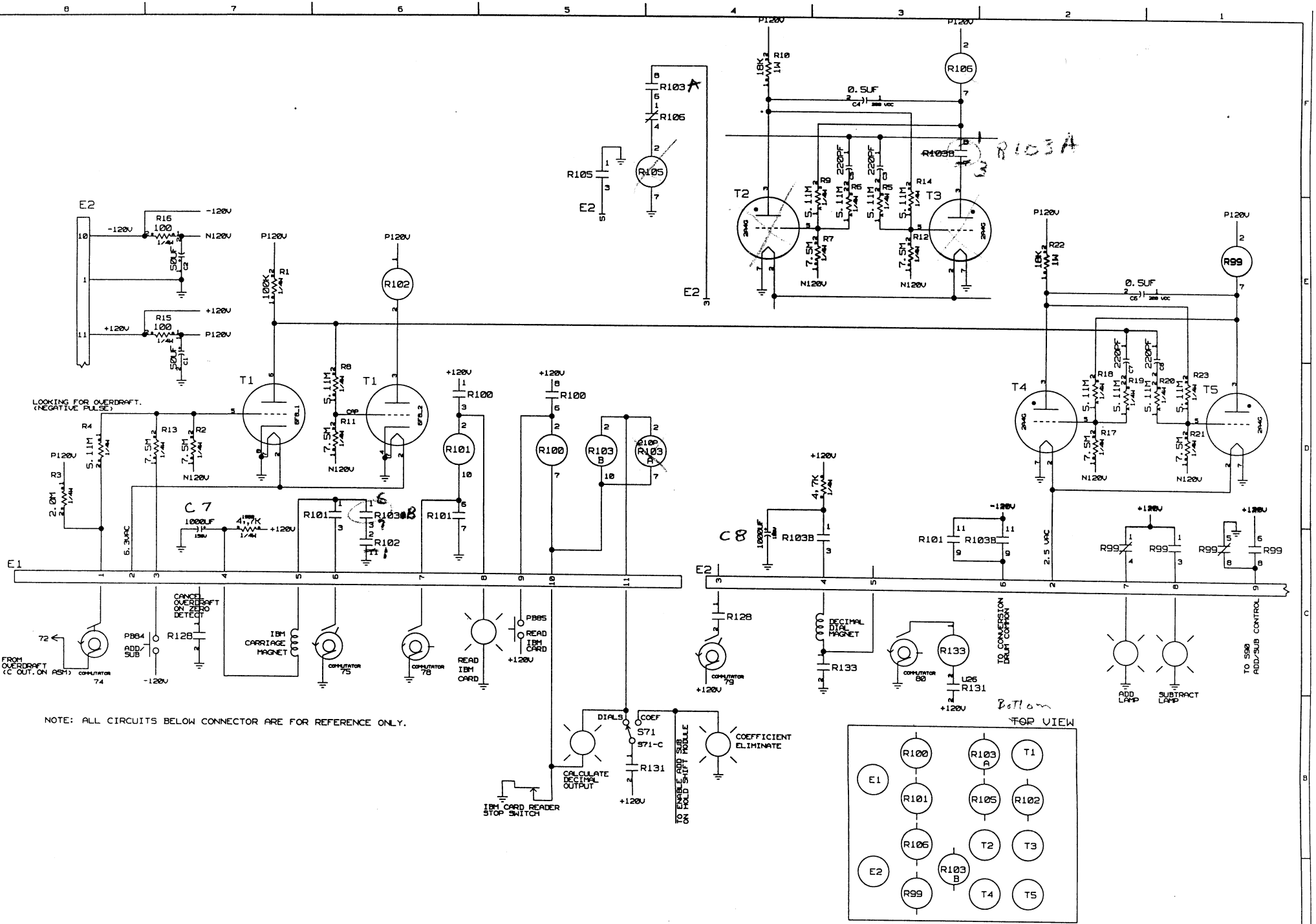
| REQUESTOR | JOB ORDER L00968 | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50011 | TITLE ADD SUBTRACT CONTROL (ABC) |
| GROUP LEADER | DATE SEPTEMBER 6, 1996<br>4-2-96 | LAYOUT BY | | FILE NO 22508 / REVISION |
| | | | | APPROVED BY / VERIFIED BY |

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|---|---|---|---|---|
| REQUESTOR | JOB ORDER L00968 | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50010 | TITLE ADD SUBTRACT CONTROL (ABC) |
| GROUP LEADER | DATE 4-2-96 | LAYOUT BY | | FILE NO / REVISION |
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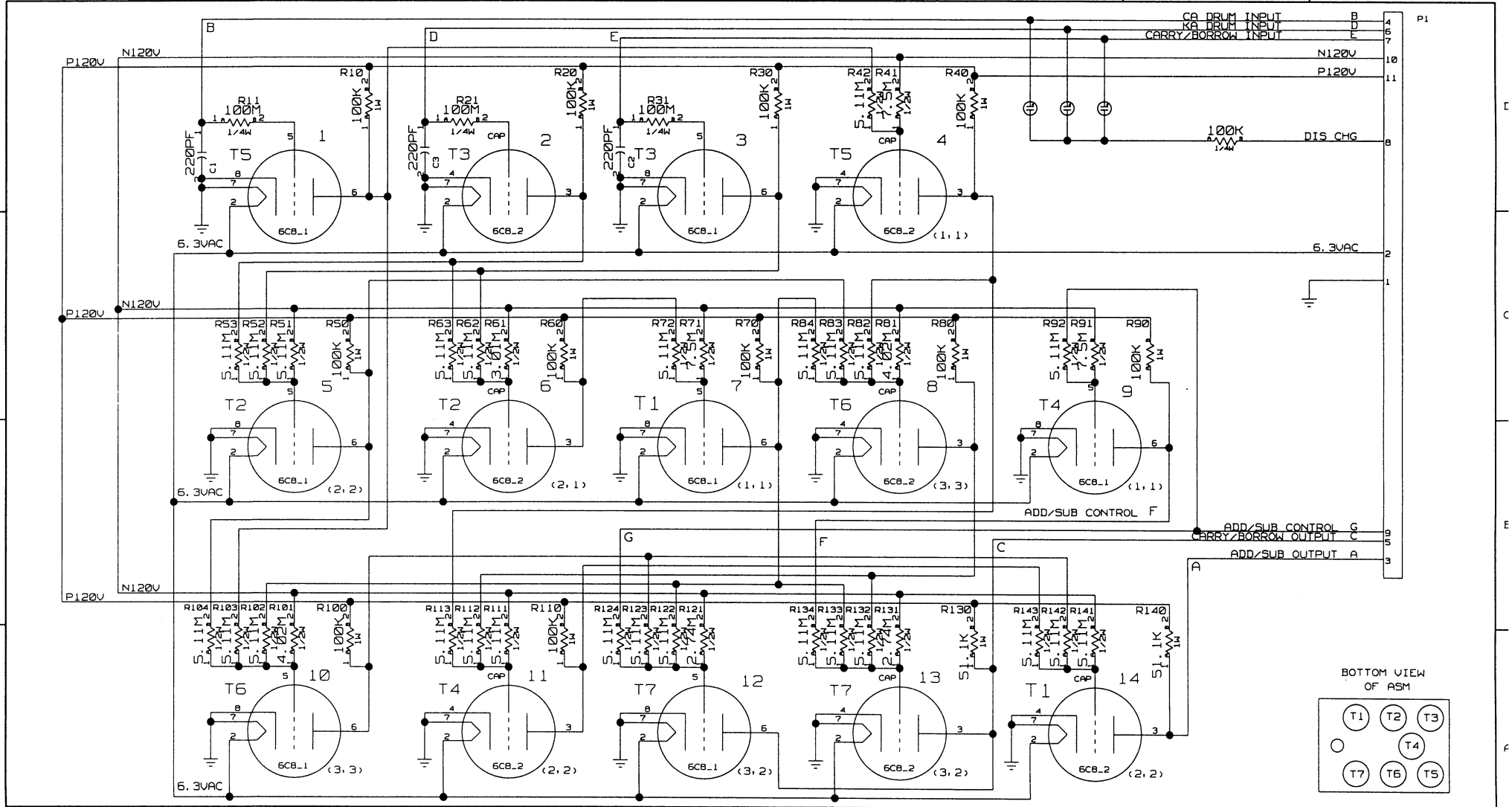


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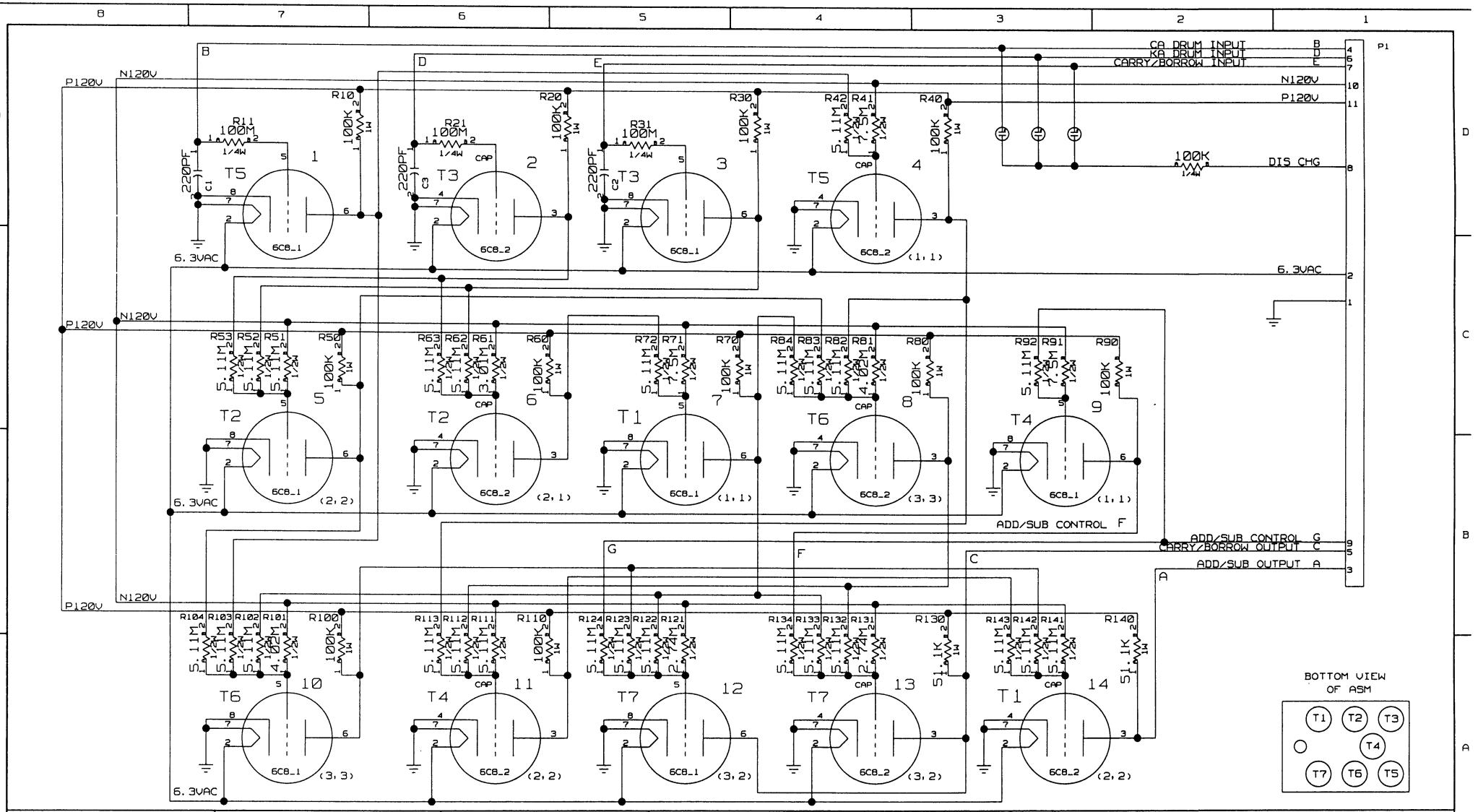
|---|---|---|---|---|
| REQUESTOR | JOB ORDER L00968 | DESIGNED BY CLIFF BERRY | DEPARTMENT OF PHYSICS IOWA STATE COLLEGE AMES, IOWA | TITLE ADD SUBTRACT MODULE - ASM (ABC) |
| GROUP LEADER | DATE 1-12-40 | LAYOUT BY | | FILE NO. 22510 / REVISION |
| | | | | APPROVED BY JOHN V. ATANASOFF / VERIFIED BY |

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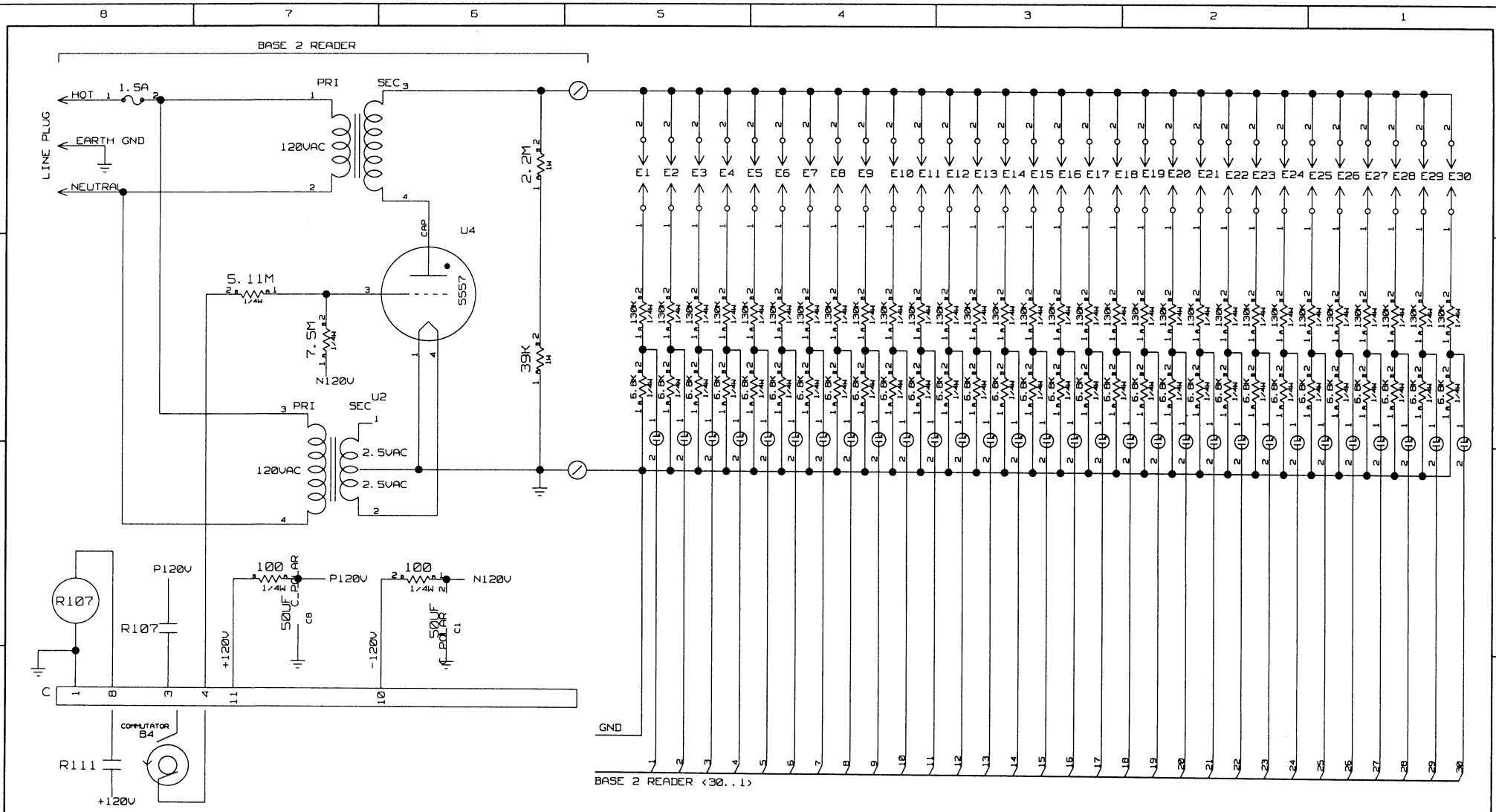
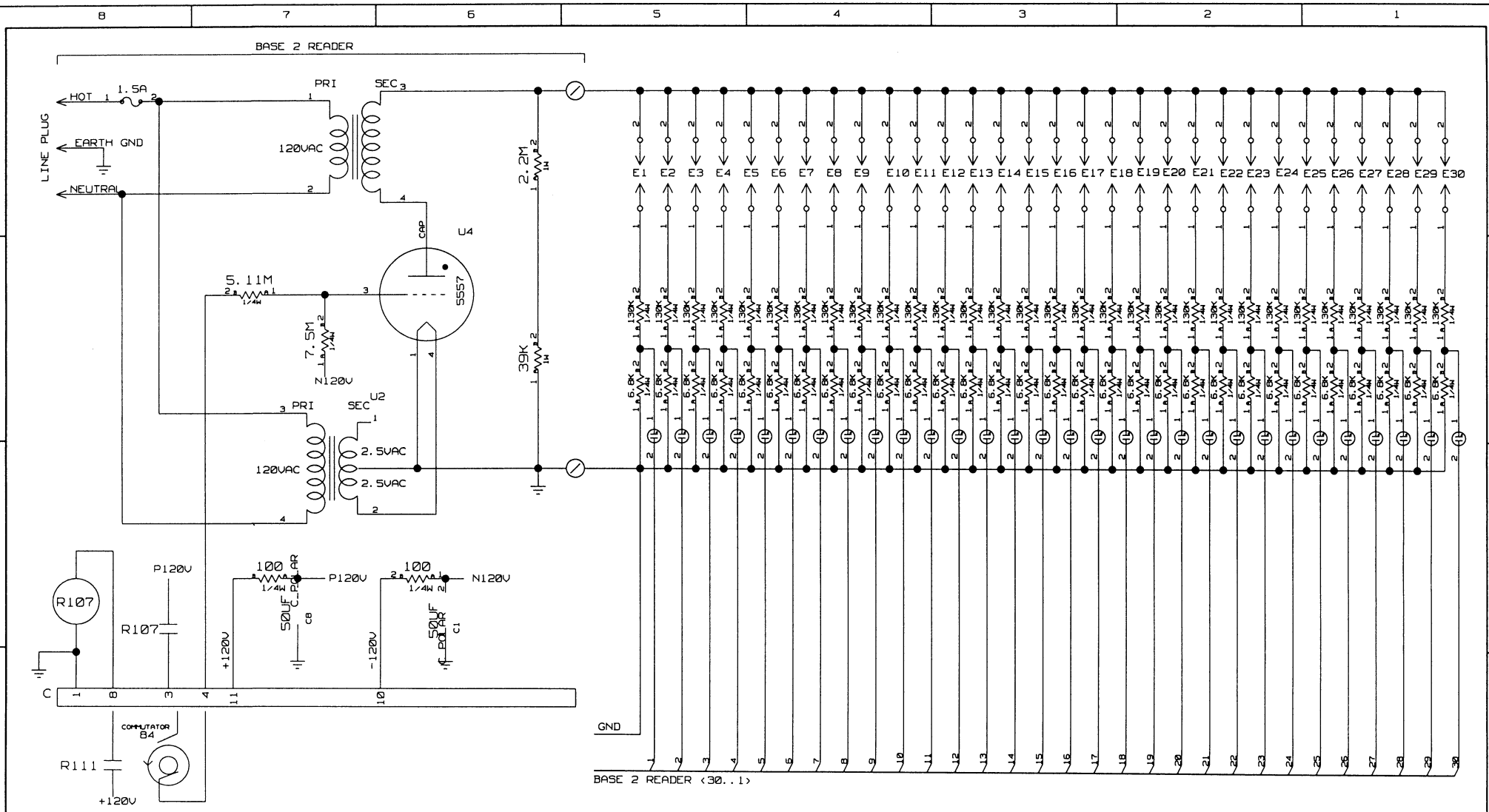
| REQUESTOR | JOB ORDER L00968 | DESIGNED BY CLIFF BERRY | DEPARTMENT OF PHYSICS<br>IOWA STATE COLLEGE<br>AMES, IOWA | TITLE ADD SUBTRACT MODULE - ASM (ABC) |
| GROUP LEADER | DATE 1-12-40 | LAYOUT BY | | FILE NO. 22510 / REVISION |
| | | | | APPROVED BY JOHN V. ATANASOFF / VERIFIED BY |




NOTE: ALL CIRCUITS BELOW CONNECTOR ARE FOR REFERENCE ONLY.

| | | | | |
|---|---|---|---|---|
| REQUESTOR | JOB ORDER L00968 | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50011 | TITLE BASE 2 READ ELECTRONICS |
| GROUP LEADER | DATE 8-7-96 | LAYOUT BY | | FILE NO 22511 / REVISION |
| | | | | APPROVED BY / VERIFIED BY |

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| REQUESTOR | JOB ORDER L00968 | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50011 | TITLE BASE 2 READ ELECTRONICS |
| GROUP LEADER | DATE 8-7-96 | LAYOUT BY | | FILE NO 22511 / REVISION |
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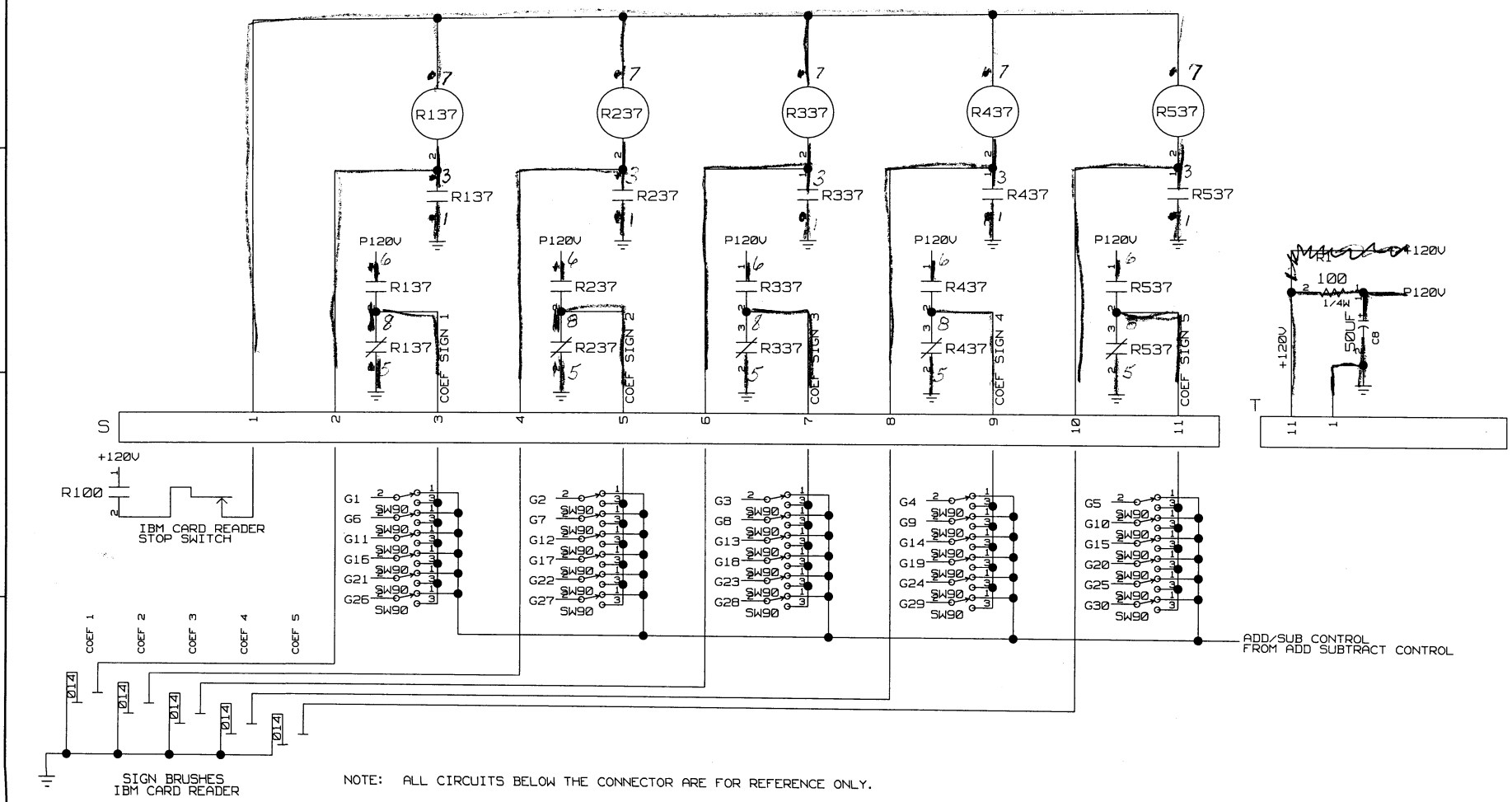


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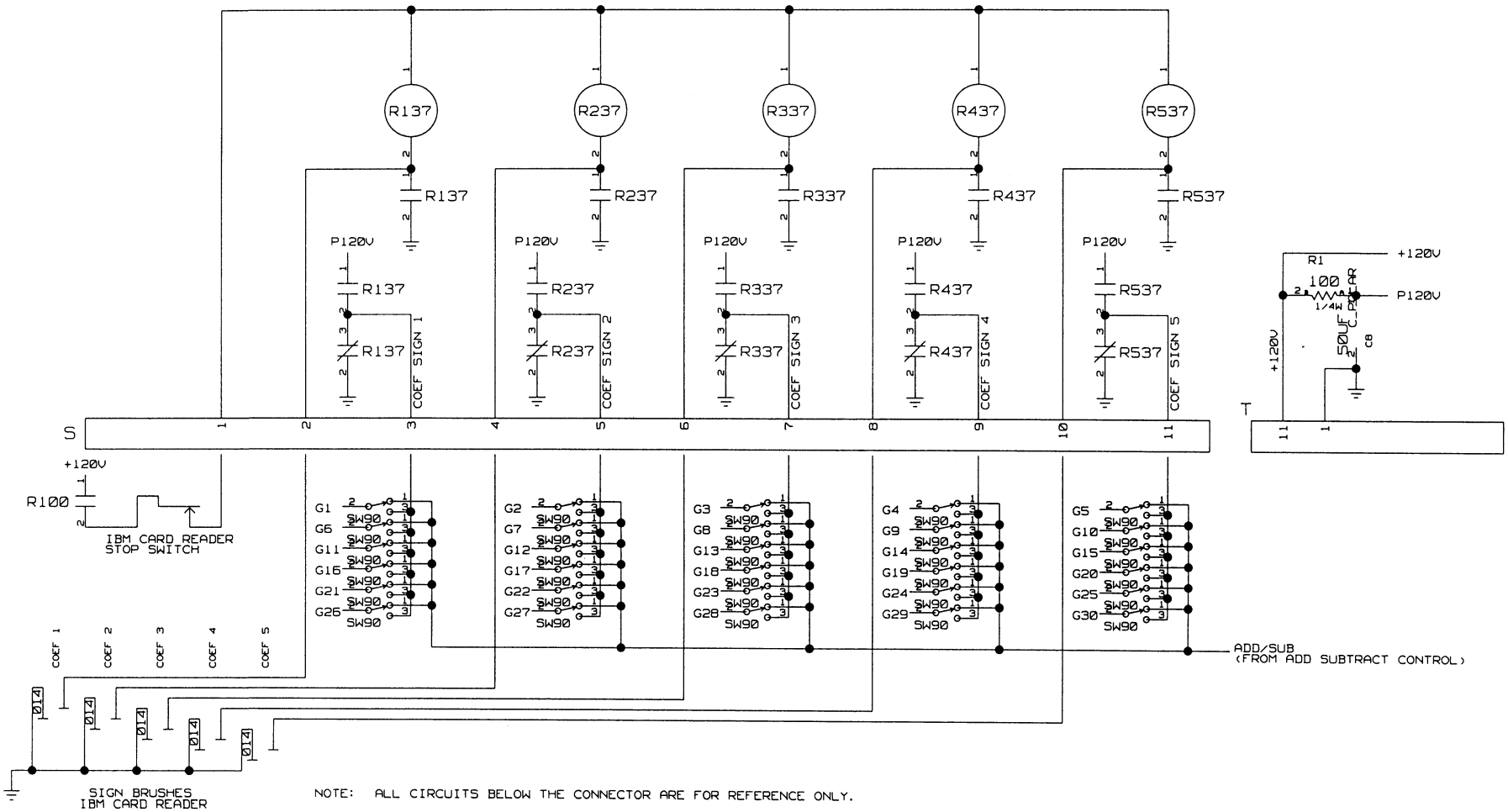
|---|---|---|---|---|
| REQUESTOR | JOB ORDER L00968 | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50010 | TITLE COEFFICIENT SIGN RELAYS (ABC) |
| GROUP LEADER | DATE MAY 14, 1996 | LAYOUT BY | | FILE NO / REVISION |
| | | | | APPROVED BY / VERIFIED BY |

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| REQUESTOR | JOB ORDER L00968 | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50011 | TITLE COEFFICIENT SIGN RELAYS (ABC) |
| GROUP LEADER | DATE MAY 14, 1996 | LAYOUT BY | | FILE NO 22512 / REVISION |
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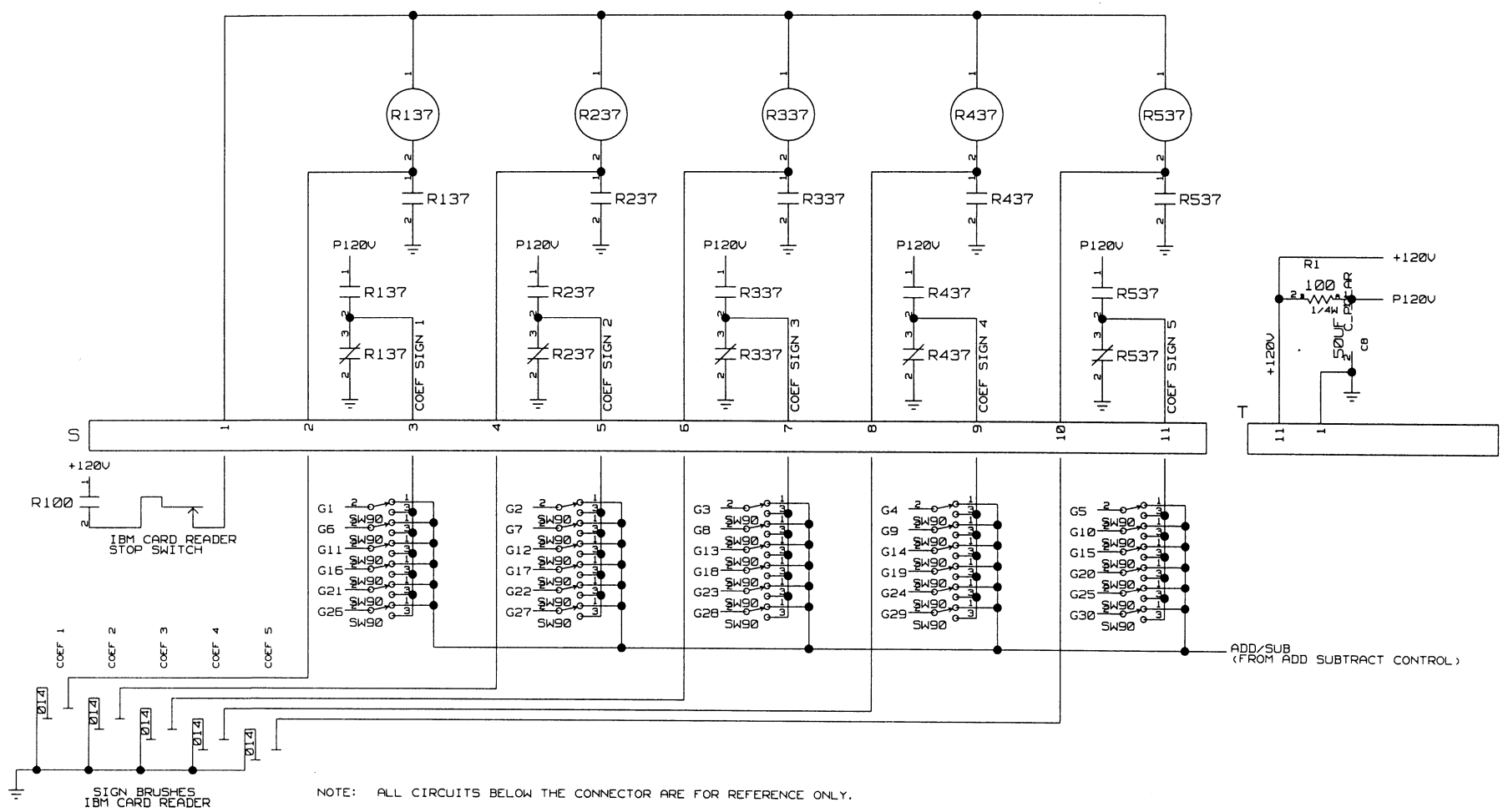


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| REQUESTOR | JOB ORDER L00968 | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50011 | TITLE COEFFICIENT SIGN RELAYS (ABC) |
| GROUP LEADER | DATE MAY 14, 1996 | LAYOUT BY | | FILE NO 22512 / REVISION |
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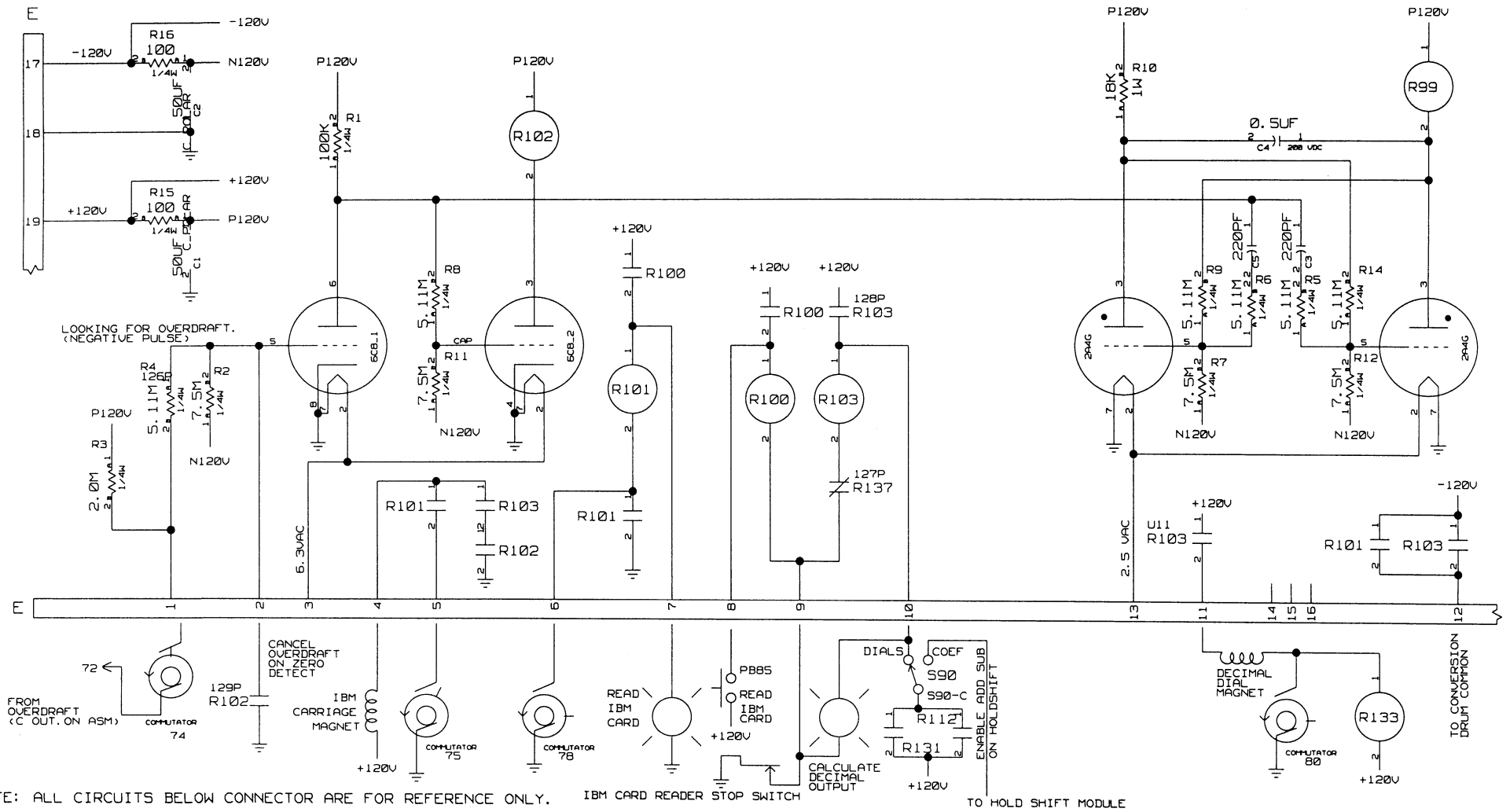


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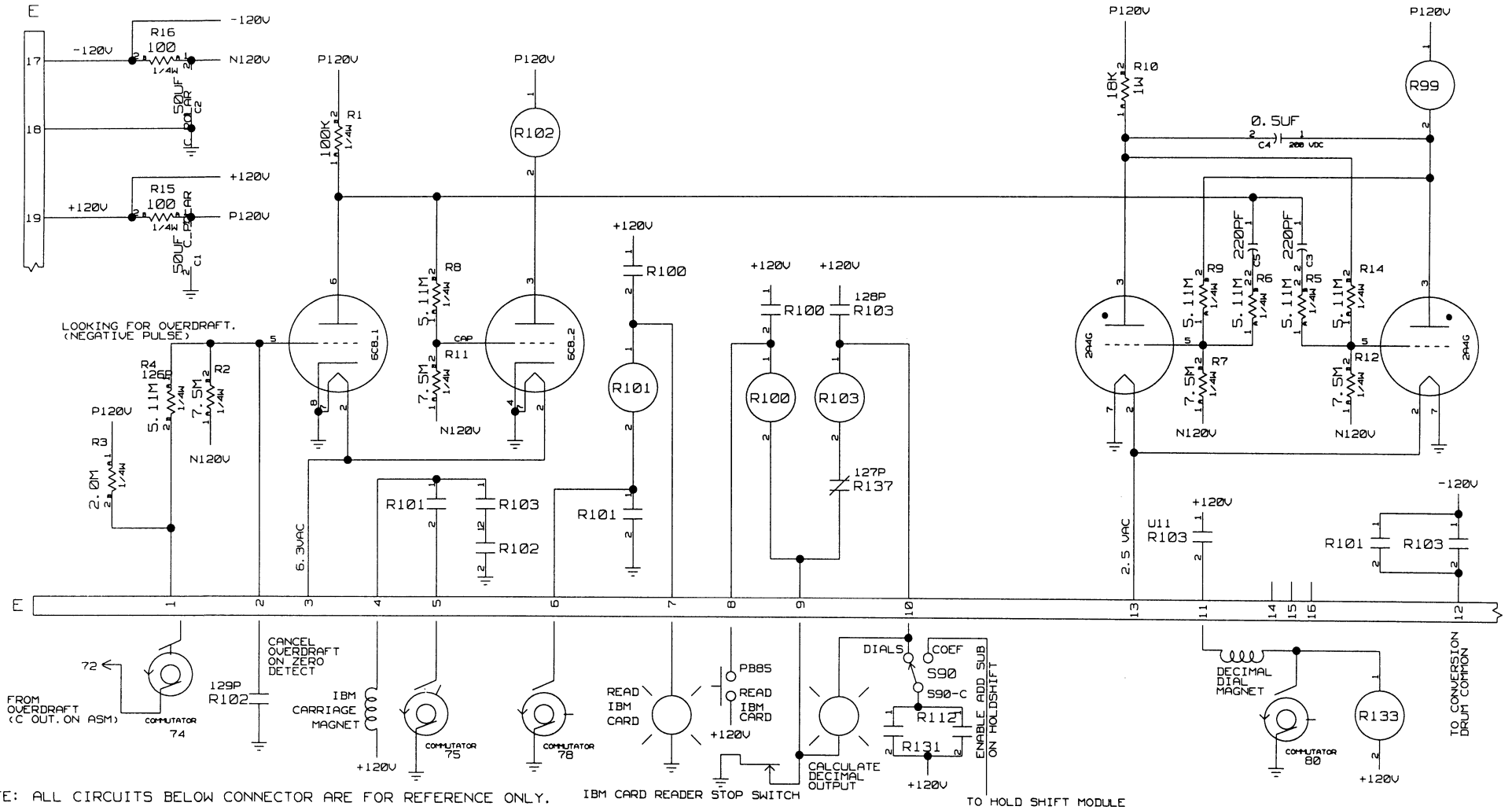
|---|---|---|---|---|
| REQUESTOR | JOB ORDER L00968 | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50011 | TITLE DECIMAL OUTPUT CONTROL (ABC) |
| GROUP LEADER | DATE 3-25-96 | LAYOUT BY | | FILE NO 22513 REVISION |
| | | | | APPROVED BY VERIFIED BY |

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| REQUESTOR | JOB ORDER L00968 | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50011 | TITLE DECIMAL OUTPUT CONTROL (ABC) |
| GROUP LEADER | DATE 3-25-96 | LAYOUT BY | | FILE NO 22513 REVISION |
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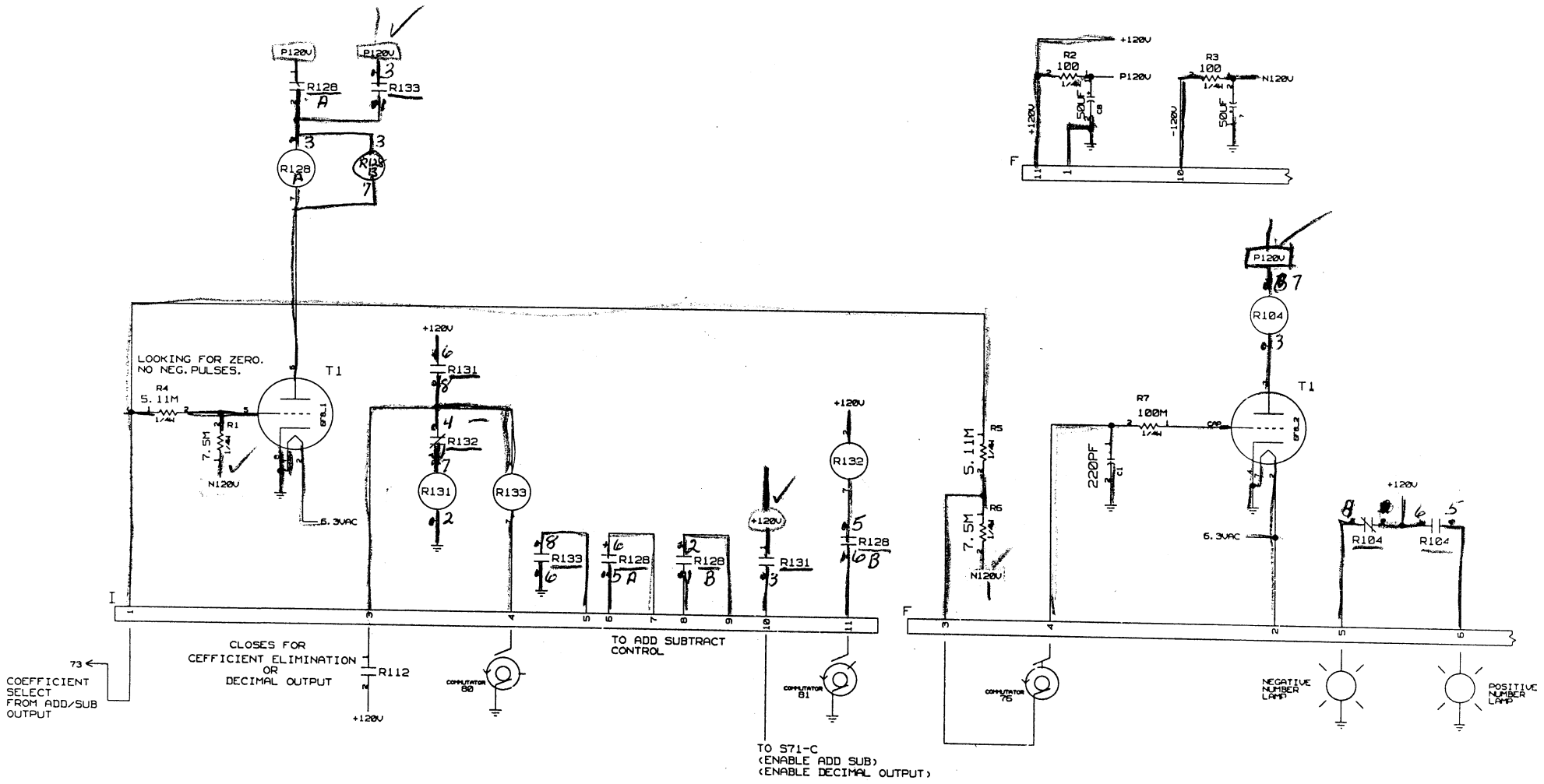
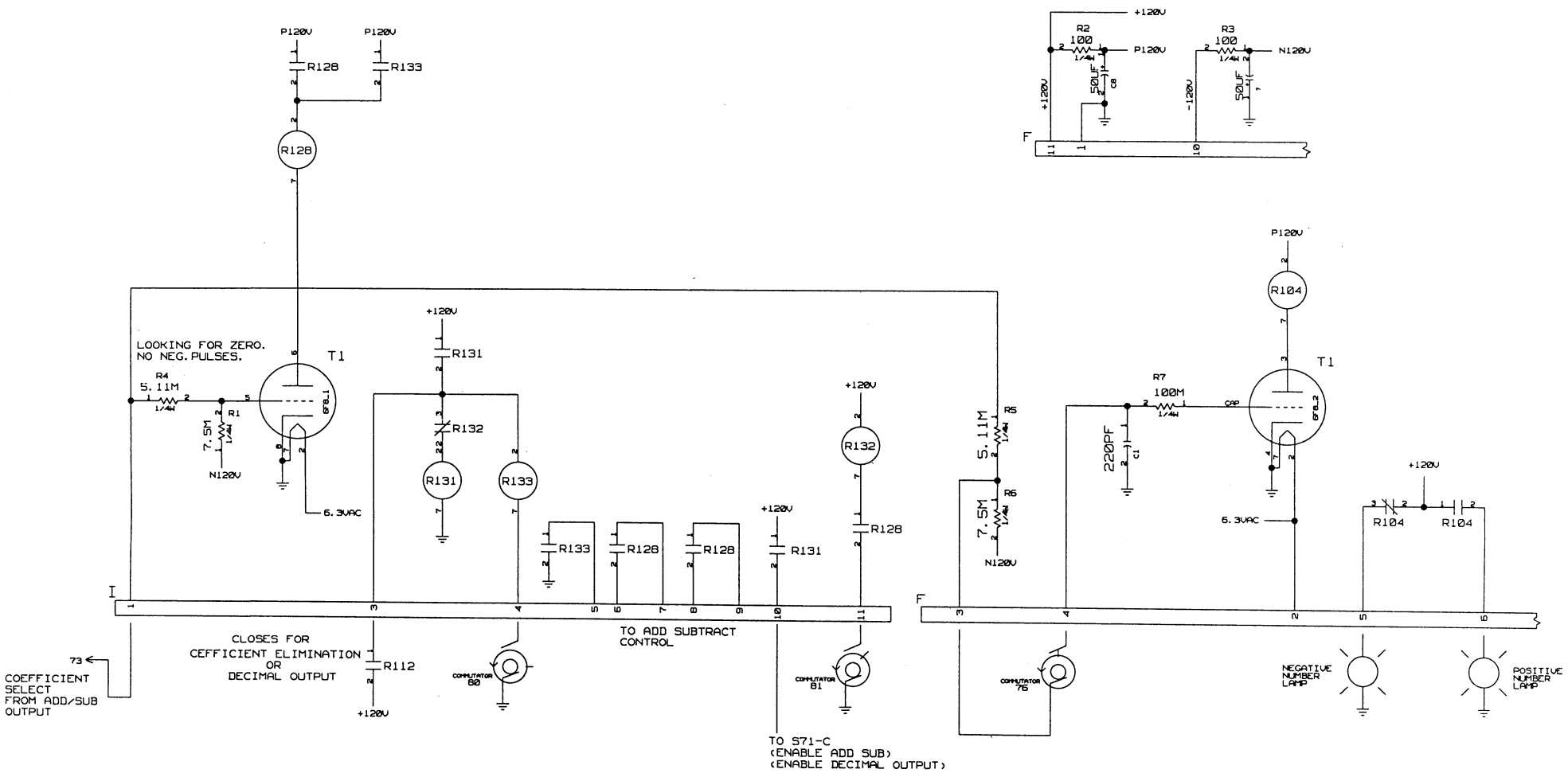



DIVISION CONTROL

NEGATIVE NUMBER INDICATOR

NOTE: ALL CIRCUITS BELOW THE CONNECTORS ARE FOR REFERENCE ONLY.

| | | | | |
|---|---|---|---|---|
| REQUESTOR | JOB ORDER L00968 | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50010 | TITLE DIVISION CONTROL (ABC)<br>NEGATIVE NUMBER INDICATOR |
| GROUP LEADER | DATE 1-19-96 | LAYOUT BY | | FILE NO / REVISION |
| | | | APPROVED BY | VERIFIED BY |




DIVISION CONTROL

NEGATIVE NUMBER INDICATOR

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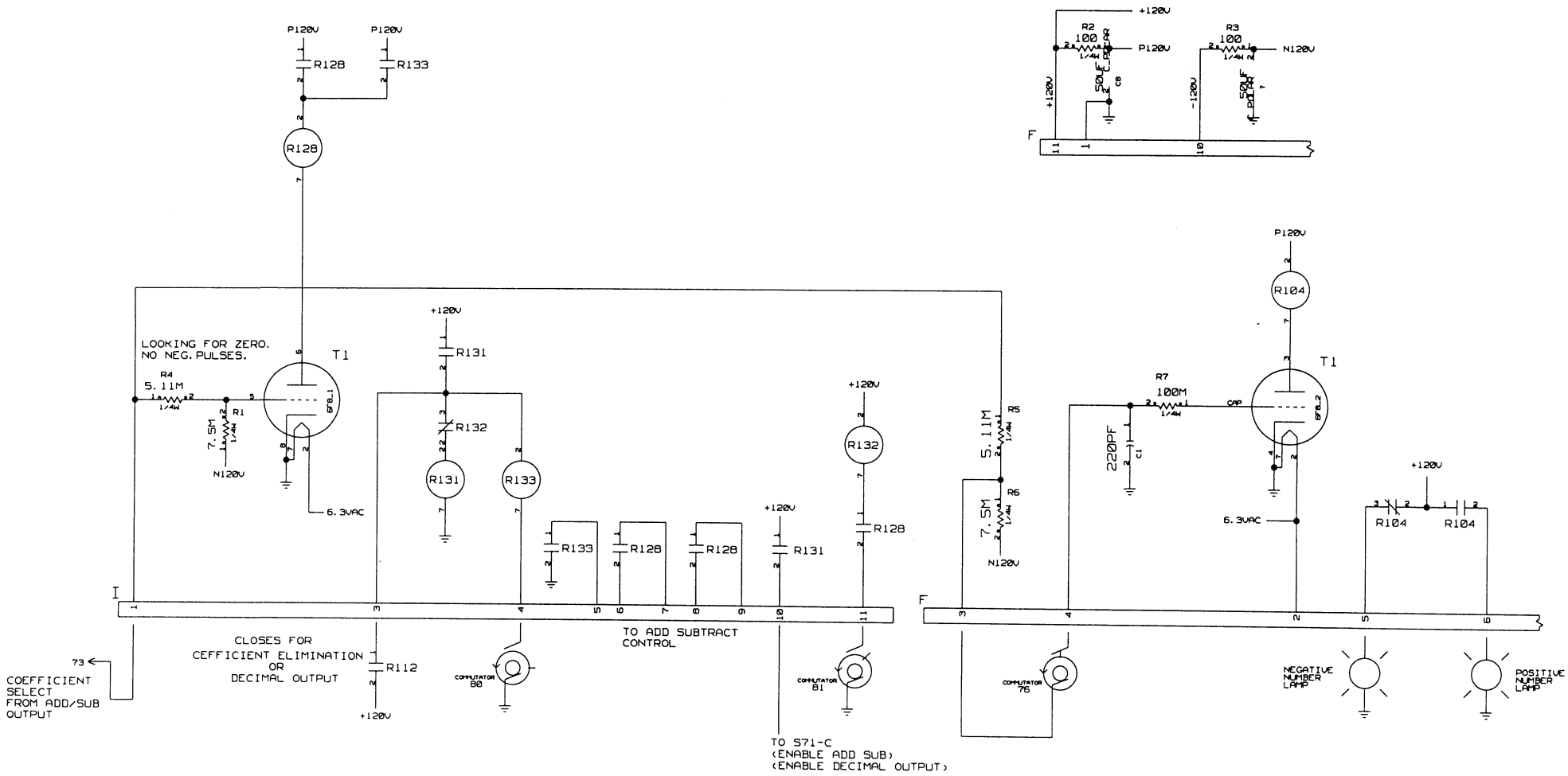
| | | | |
|---|---|---|---|
| REQUESTOR | JOB ORDER L00968 | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50010 |
| GROUP LEADER | DATE 1-19-96 | LAYOUT BY | TITLE DIVISION CONTROL (ABC)<br>NEGATIVE NUMBER INDICATOR |
| | | | FILE NO / REVISION |
| | | | APPROVED BY / VERIFIED BY |




DIVISION CONTROL

NEGATIVE NUMBER INDICATOR

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| | | | | |
|---|---|---|---|---|
| REQUESTOR | JOB ORDER L00968 | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50011 | TITLE DIVISION CONTROL (ABC)<br>NEGATIVE NUMBER INDICATOR |
| GROUP LEADER | DATE 1-19-96 | LAYOUT BY | | FILE NO 22514 REVISION |
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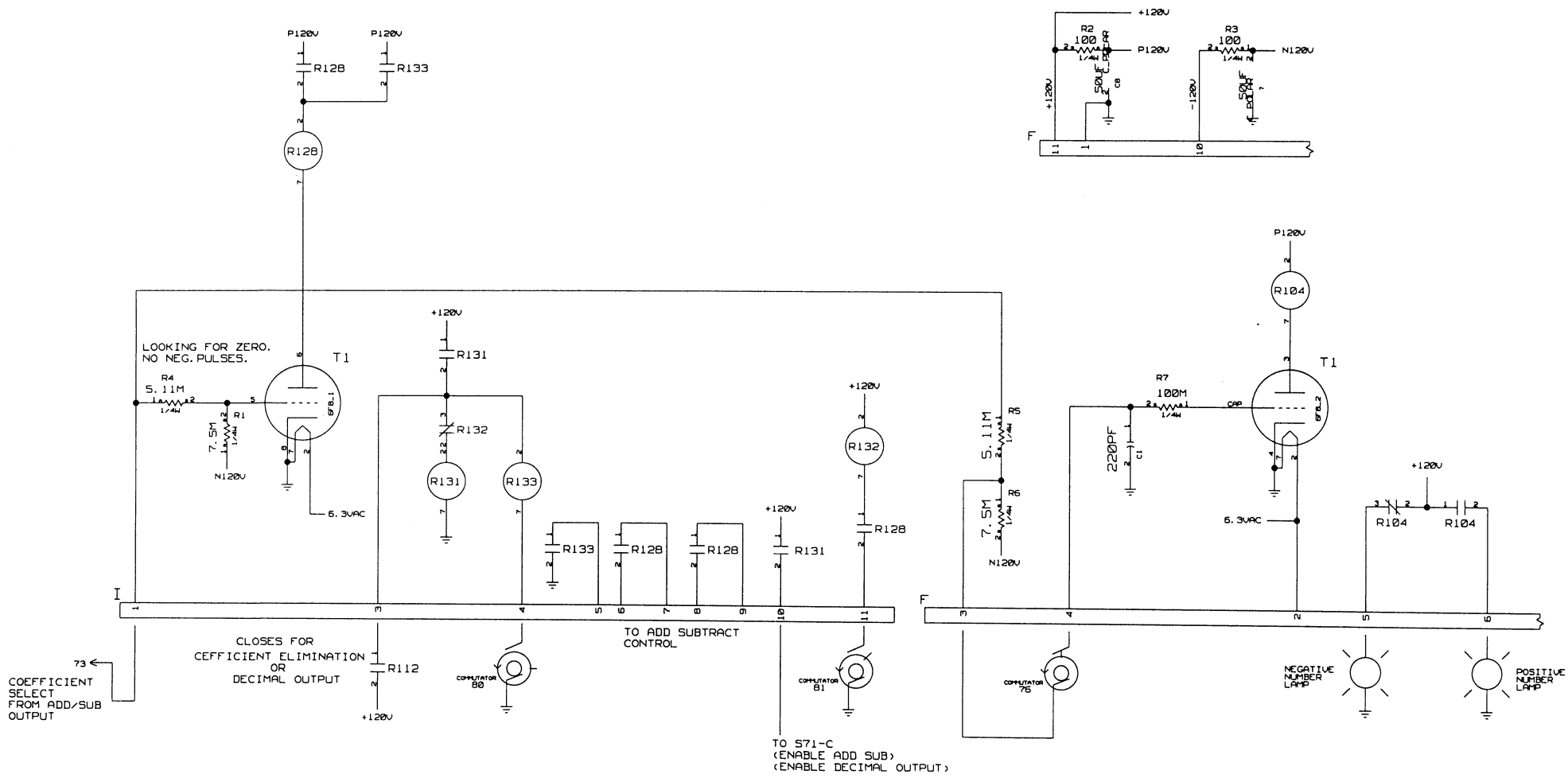


DIVISION CONTROL

NEGATIVE NUMBER INDICATOR

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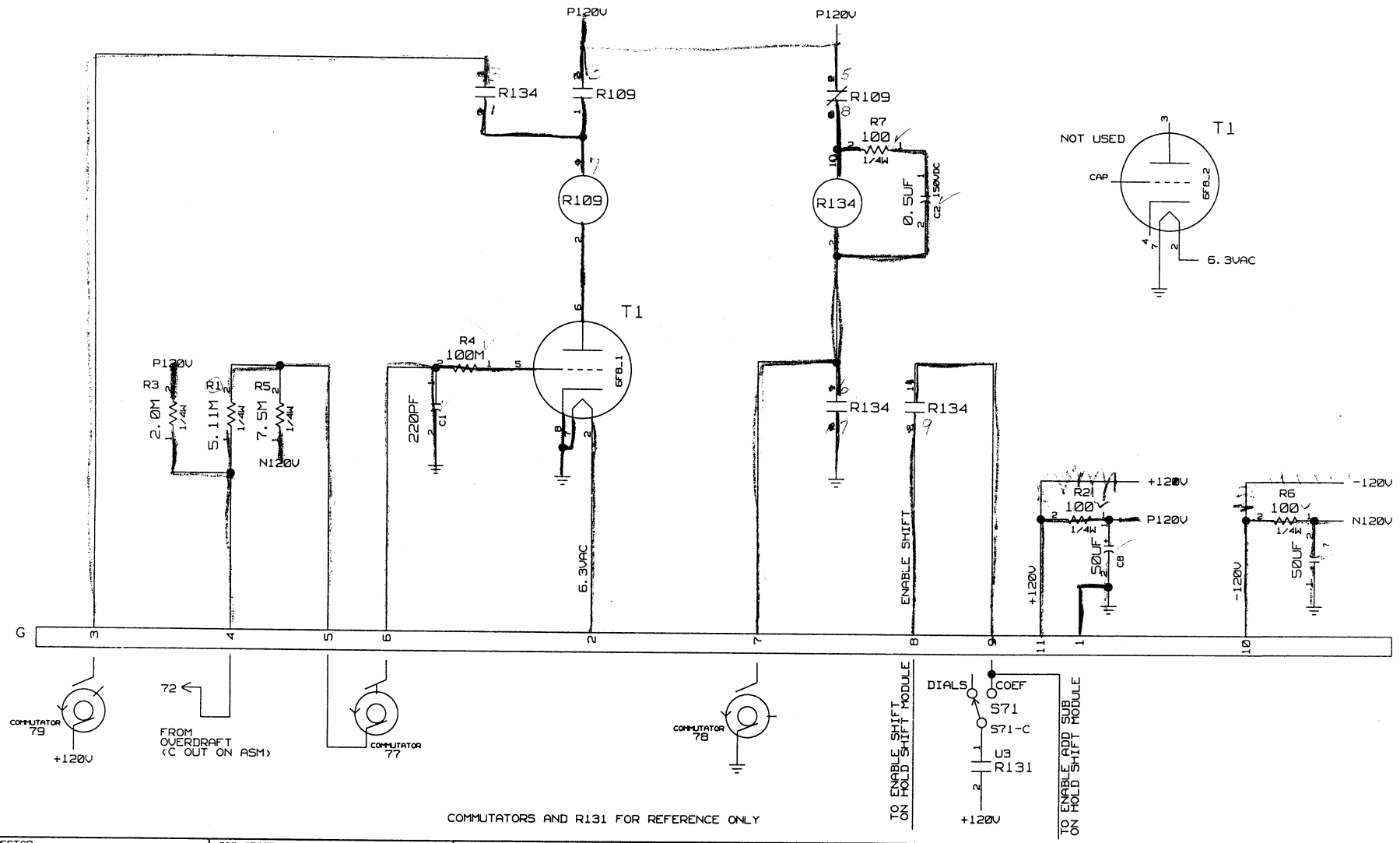
| | | | |
|---|---|---|---|
| REQUESTOR | JOB ORDER L00968 | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50011 |
| GROUP LEADER | DATE 1-19-96 | LAYOUT BY | |

TITLE DIVISION CONTROL (ABC)
NEGATIVE NUMBER INDICATOR

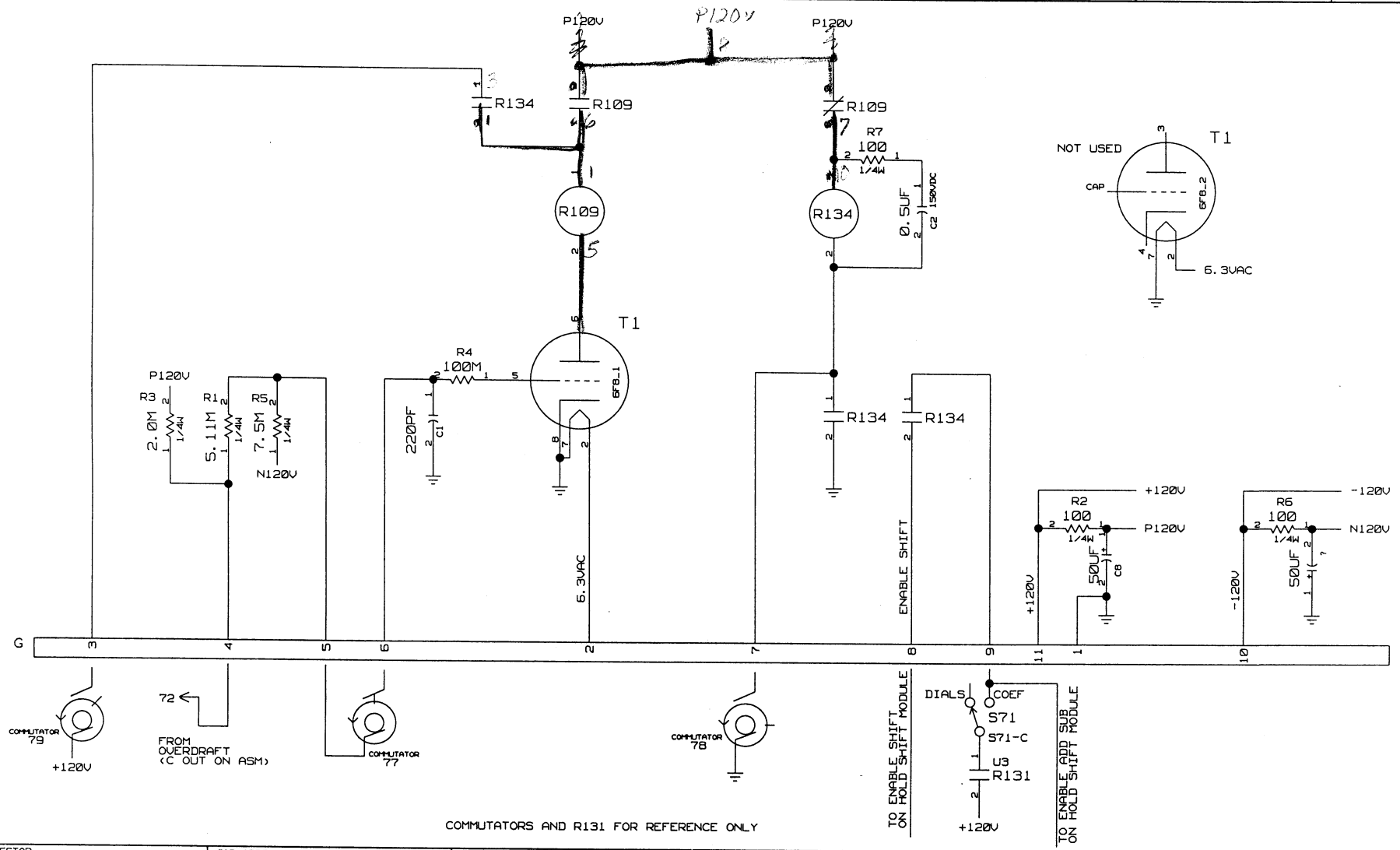
FILE NO 22514 | REVISION

APPROVED BY | VERIFIED BY



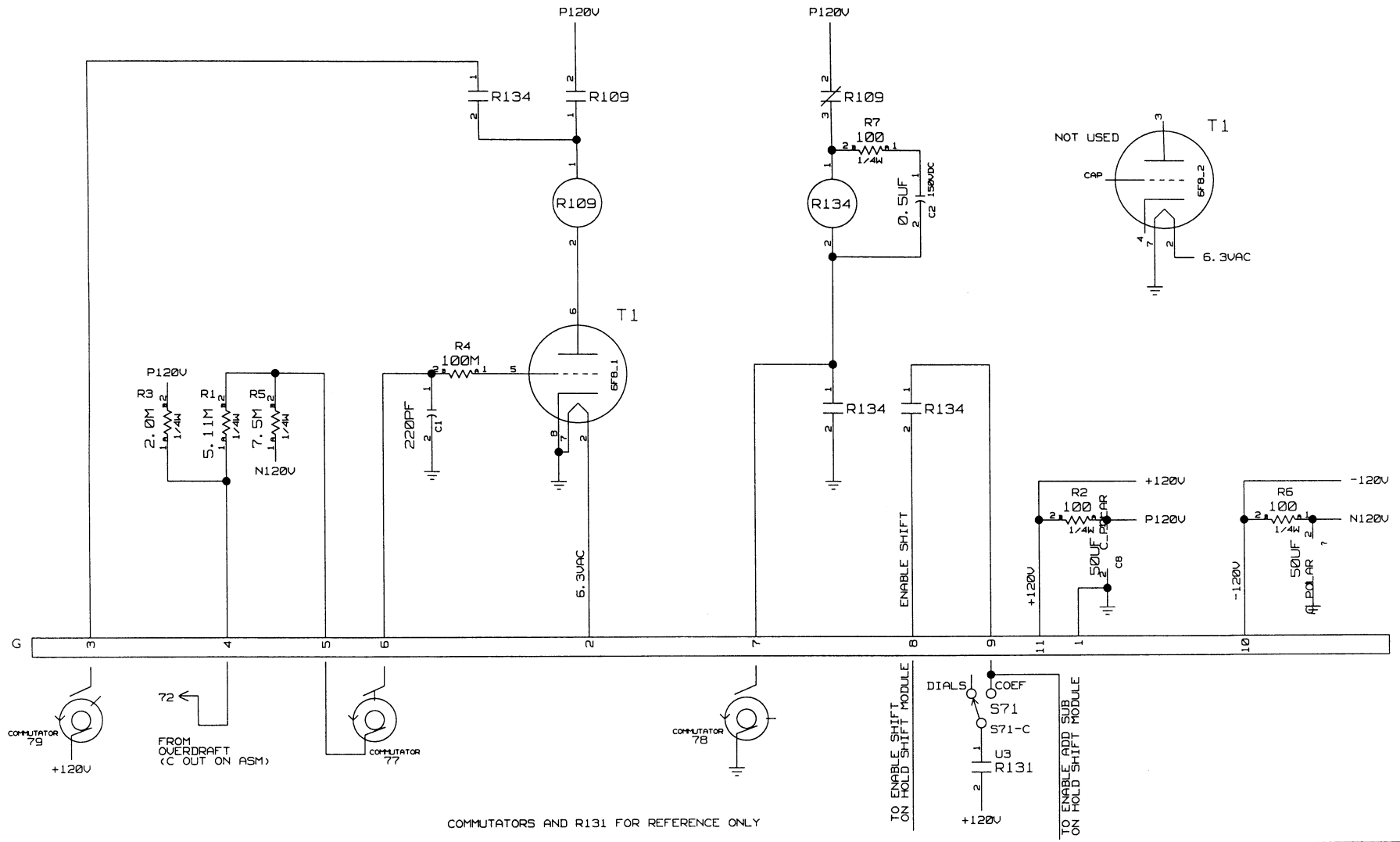

COMMUTATORS AND R131 FOR REFERENCE ONLY

| | | | | | |
|---|---|---|---|---|---|
| REQUESTOR | JOB ORDER L00968 | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50010 | TITLE SHIFT CONTROL (ABC) | |
| GROUP LEADER | DATE 1-19-96 | LAYOUT BY | | FILE NO | REVISION |
| | | | | APPROVED BY | VERIFIED BY |




COMMUTATORS AND R131 FOR REFERENCE ONLY

| | | | | |
|---|---|---|---|---|
| REQUESTOR | JOB ORDER L00968 | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50010 | TITLE SHIFT CONTROL (ABC) |
| GROUP LEADER | DATE 1-19-96 | LAYOUT BY | | FILE NO / REVISION |
| | | | | APPROVED BY / VERIFIED BY |




COMMUTATORS AND R131 FOR REFERENCE ONLY

| | | | | |
|---|---|---|---|---|
| REQUESTOR | JOB ORDER L00968 | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50011 | TITLE SHIFT CONTROL (ABC) |
| GROUP LEADER | DATE 1-19-96 | LAYOUT BY | | FILE NO 22516 REVISION |
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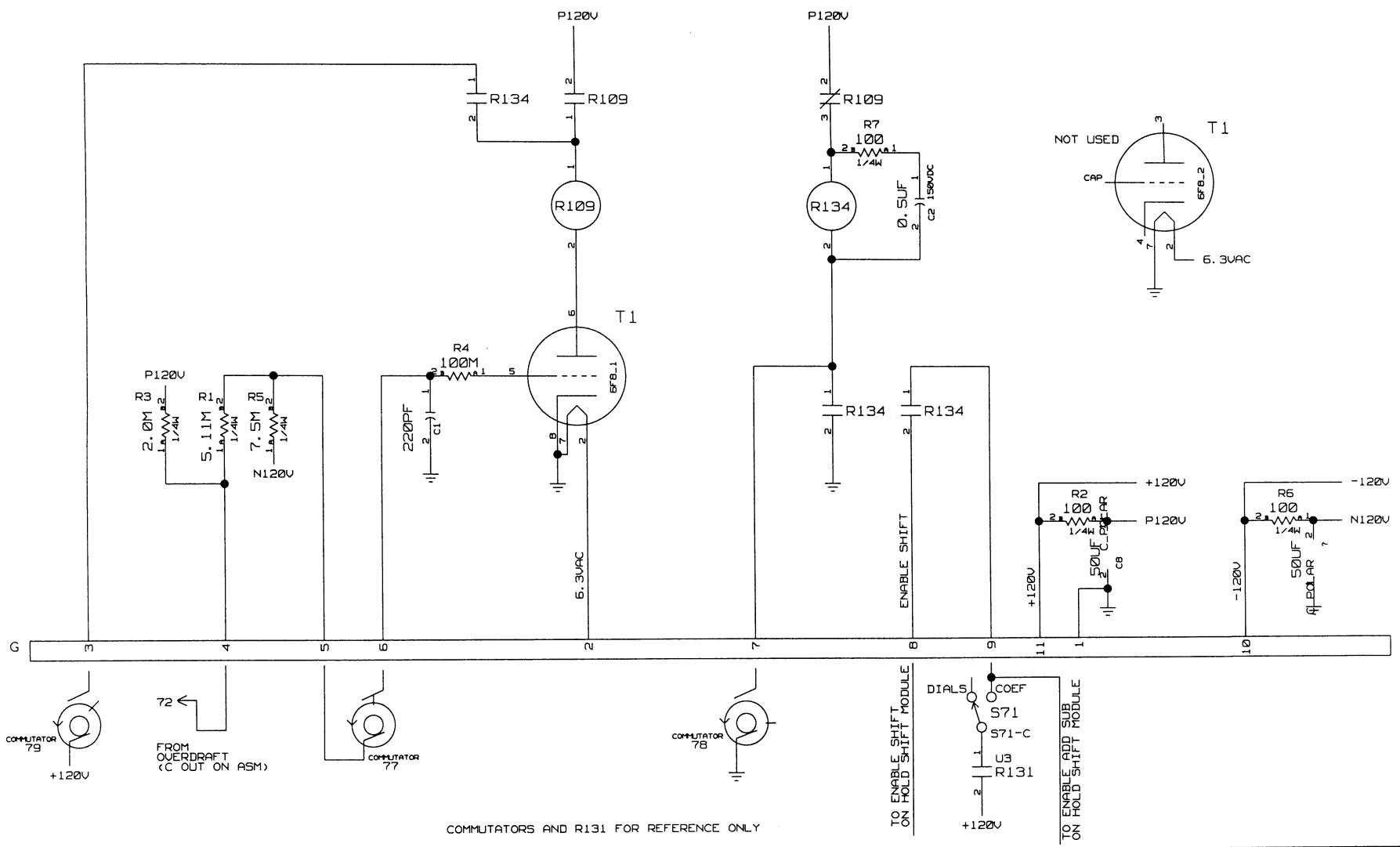


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| REQUESTOR | JOB ORDER L00968 | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50011 | TITLE SHIFT CONTROL (ABC) |
| GROUP LEADER | DATE 1-19-96 | LAYOUT BY | | FILE NO 22516 REVISION |
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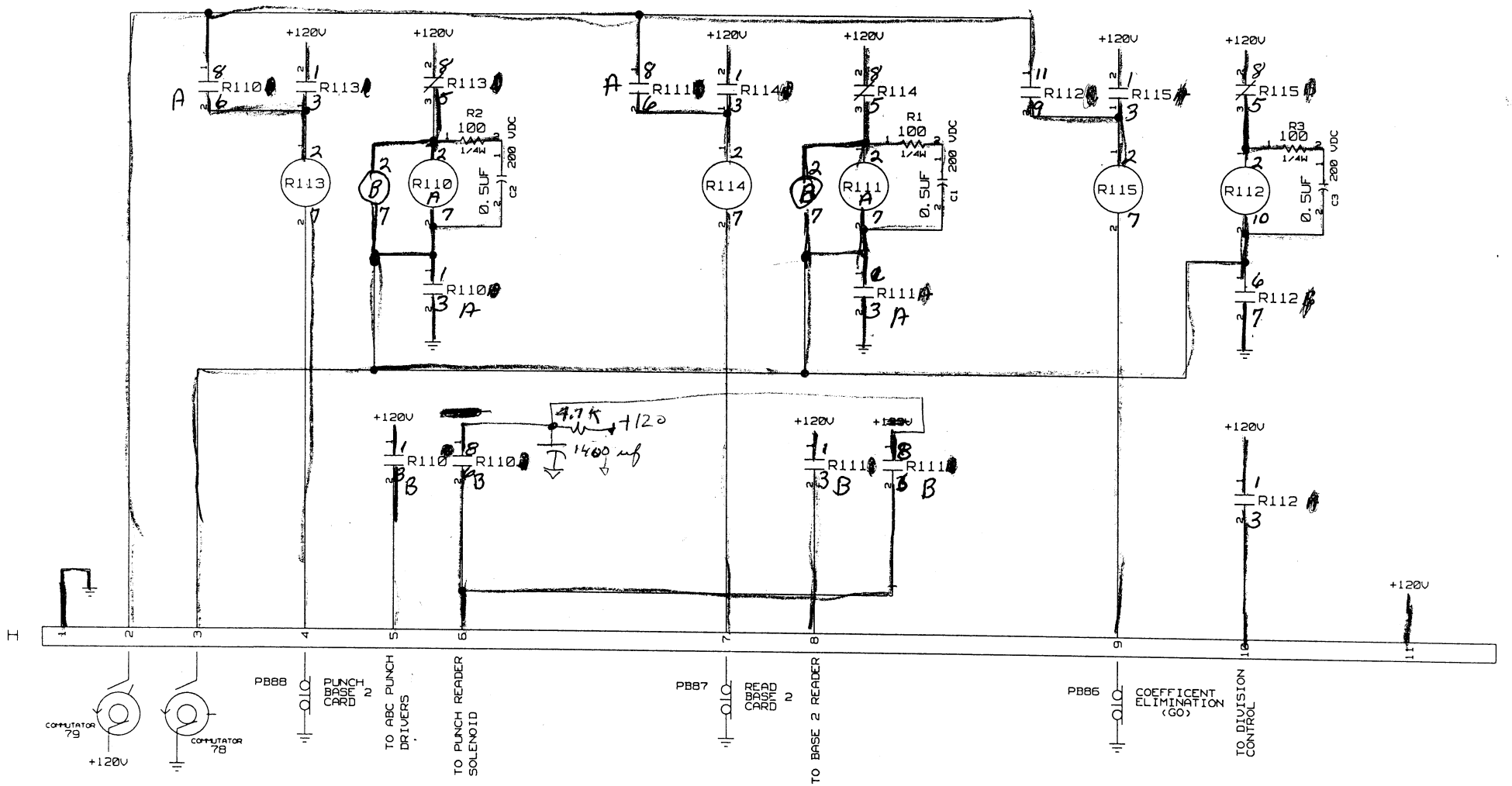


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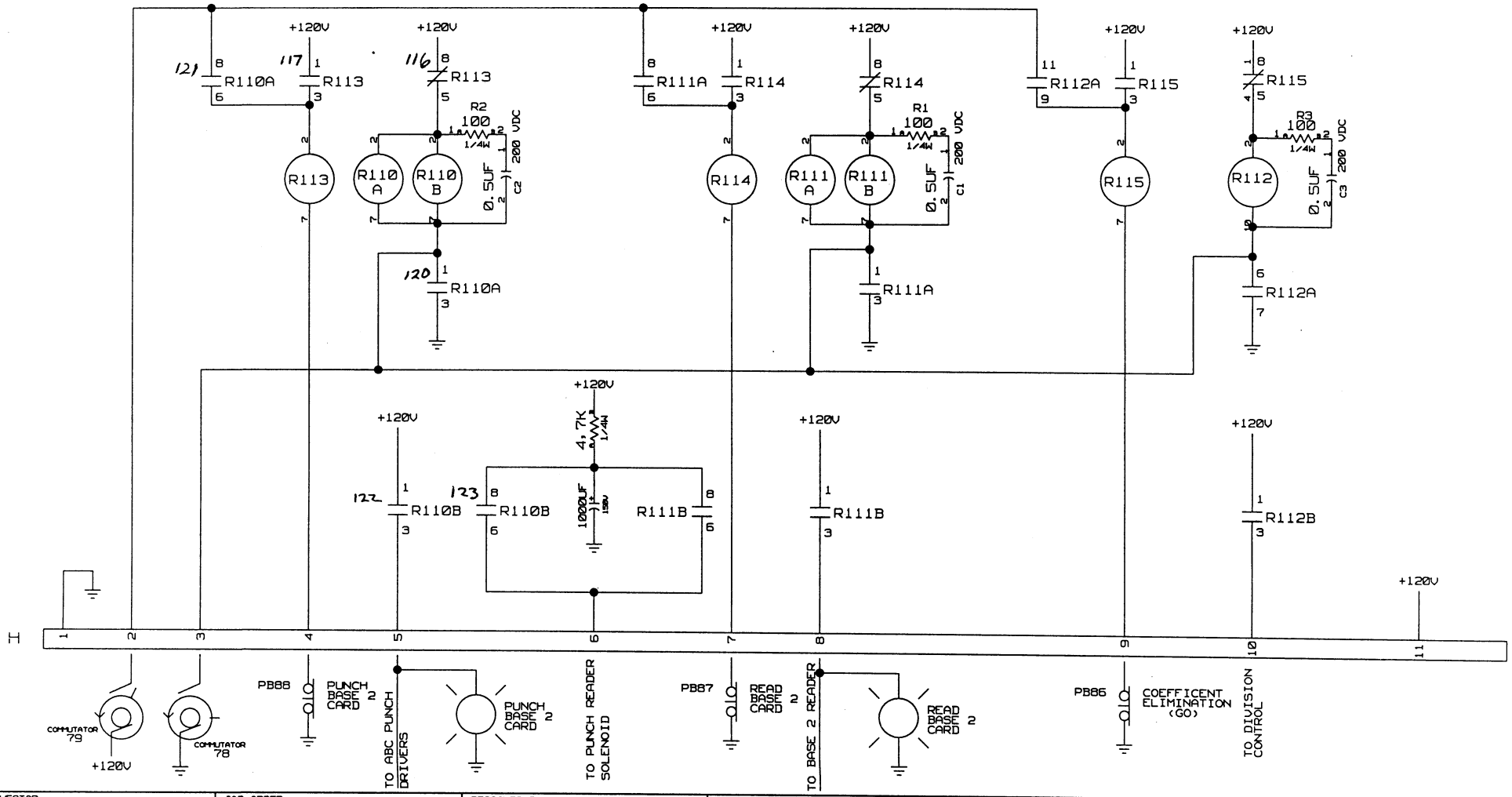
|---|---|---|---|---|---|
| REQUESTOR | JOB ORDER L00968 | DESIGNED BY | AMES LABORATORY | TITLE ONE CYCLE RELAYS (ABC) | |
| GROUP LEADER | DATE 5-13-96 1-18-96 | LAYOUT BY | IOWA STATE UNIVERSITY AMES, IOWA 50010 | FILE NO | REVISION |
| | | | | APPROVED BY | VERIFIED BY |

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|---|---|---|---|---|
| REQUESTOR | JOB ORDER L00968 | DESIGNED BY | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50010 | TITLE ONE CYCLE RELAYS (ABC) |
| GROUP LEADER | DATE 5-13-96<br>1-18-96 | LAYOUT BY | | FILE NO / REVISION |
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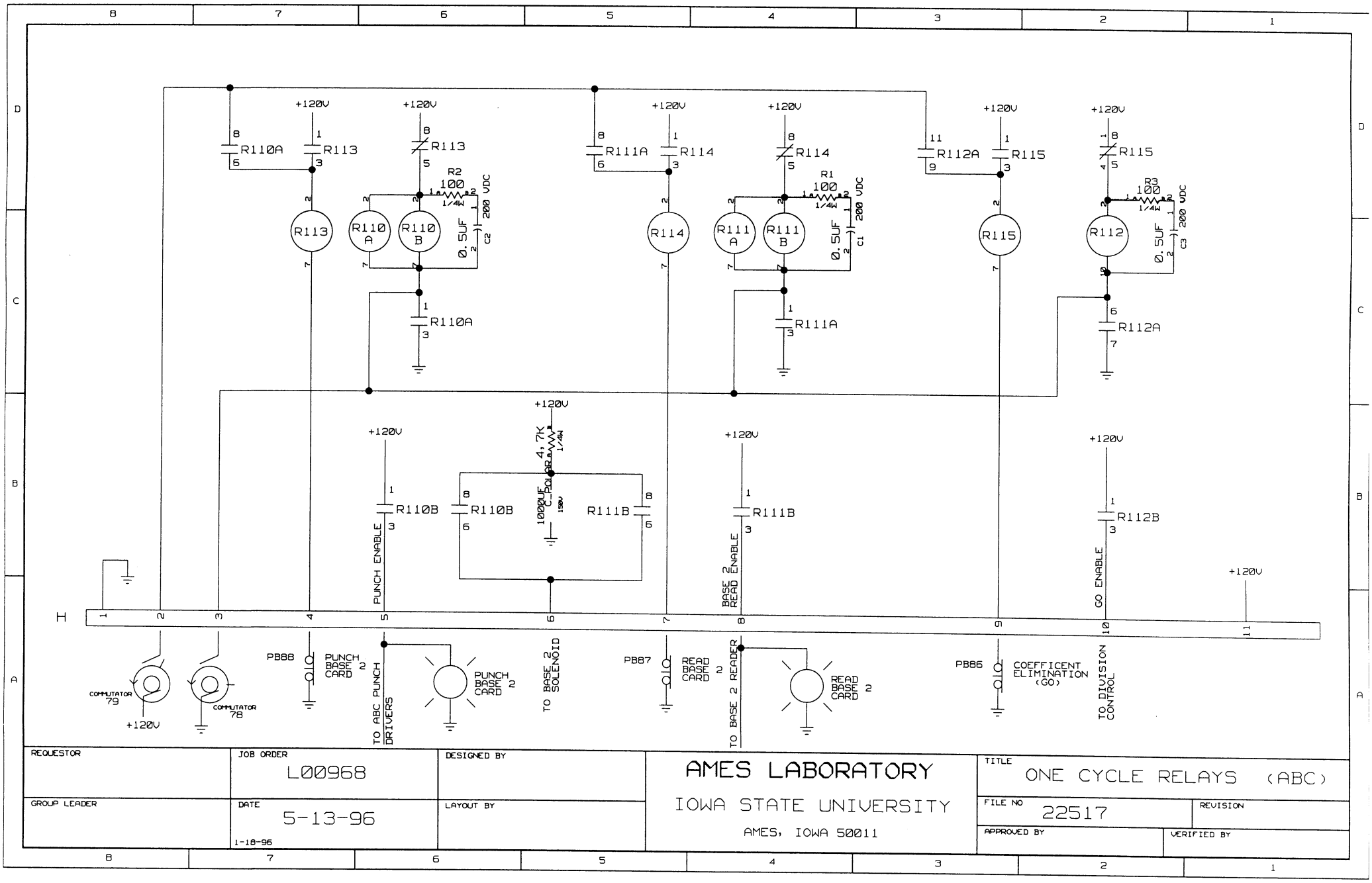


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| REQUESTOR | JOB ORDER L00968 | DESIGNED BY | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50011 | TITLE ONE CYCLE RELAYS (ABC) |
| GROUP LEADER | DATE 5-13-96<br>1-18-96 | LAYOUT BY | | FILE NO 22517 / REVISION |
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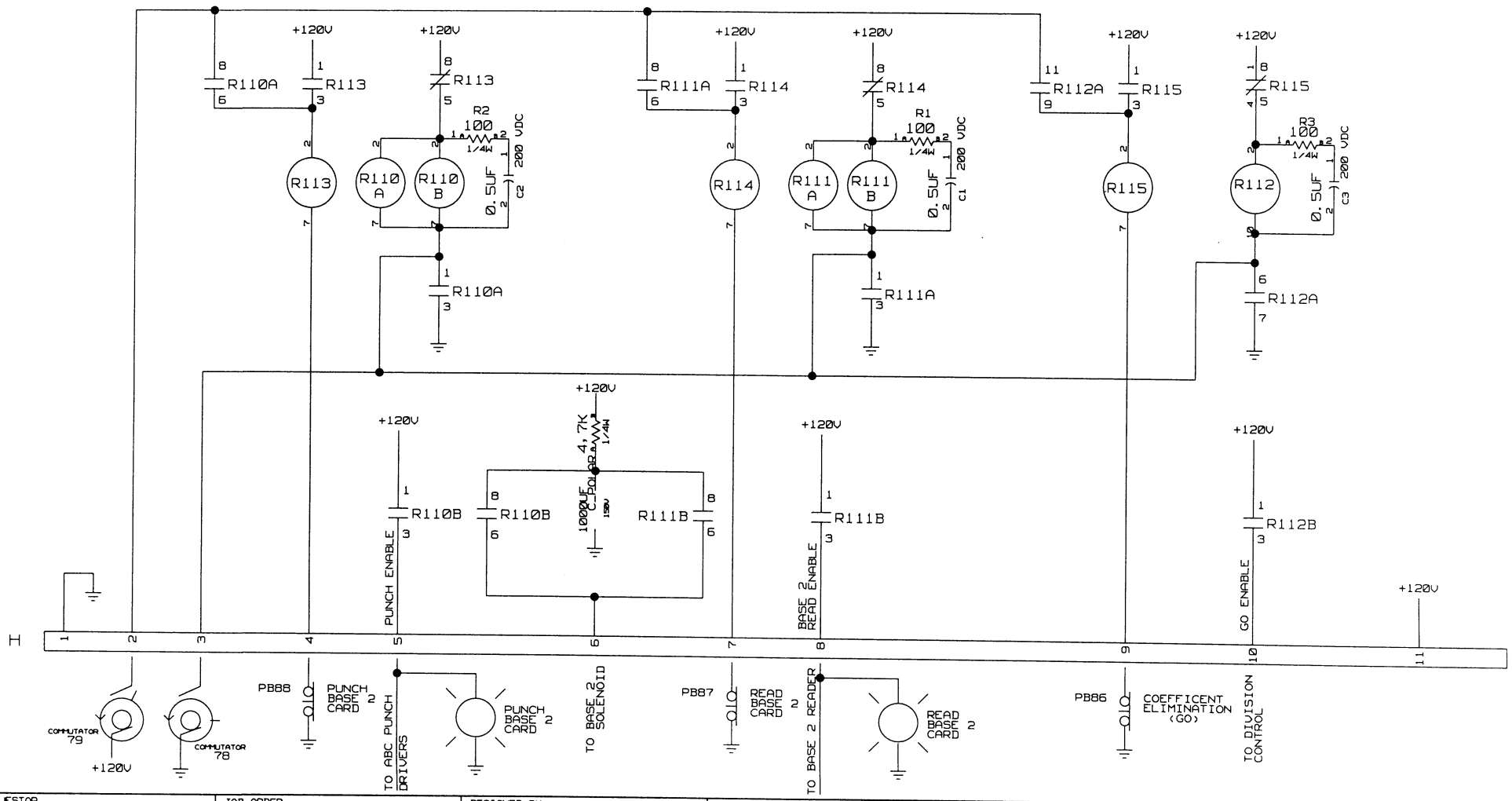


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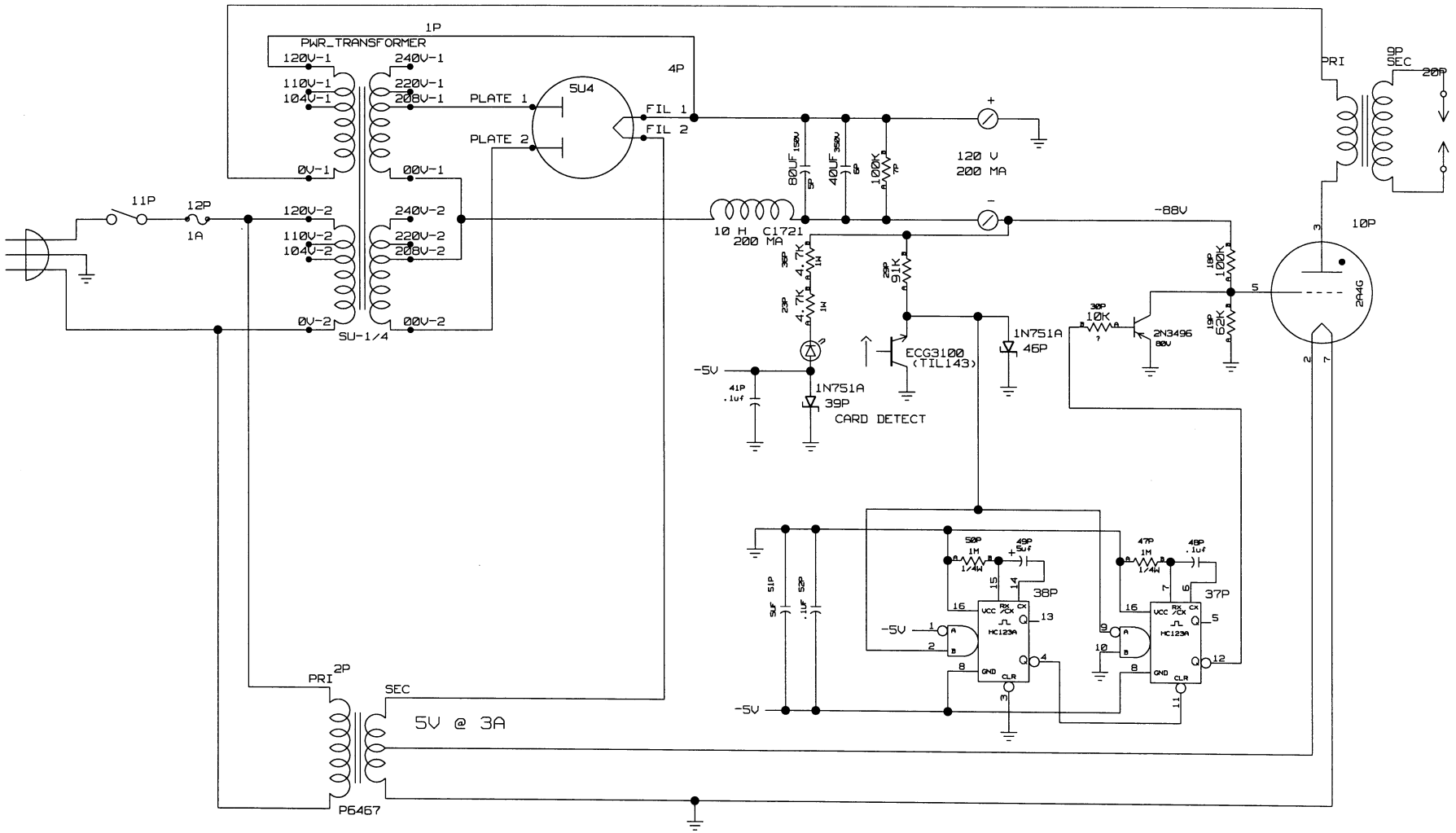
|---|---|---|---|---|
| REQUESTOR | JOB ORDER L00968 | DESIGNED BY | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50011 | TITLE ONE CYCLE RELAYS (ABC) |
| GROUP LEADER | DATE 5-13-96<br>1-18-96 | LAYOUT BY | | FILE NO 22517 / REVISION |
| | | | | APPROVED BY / VERIFIED BY |

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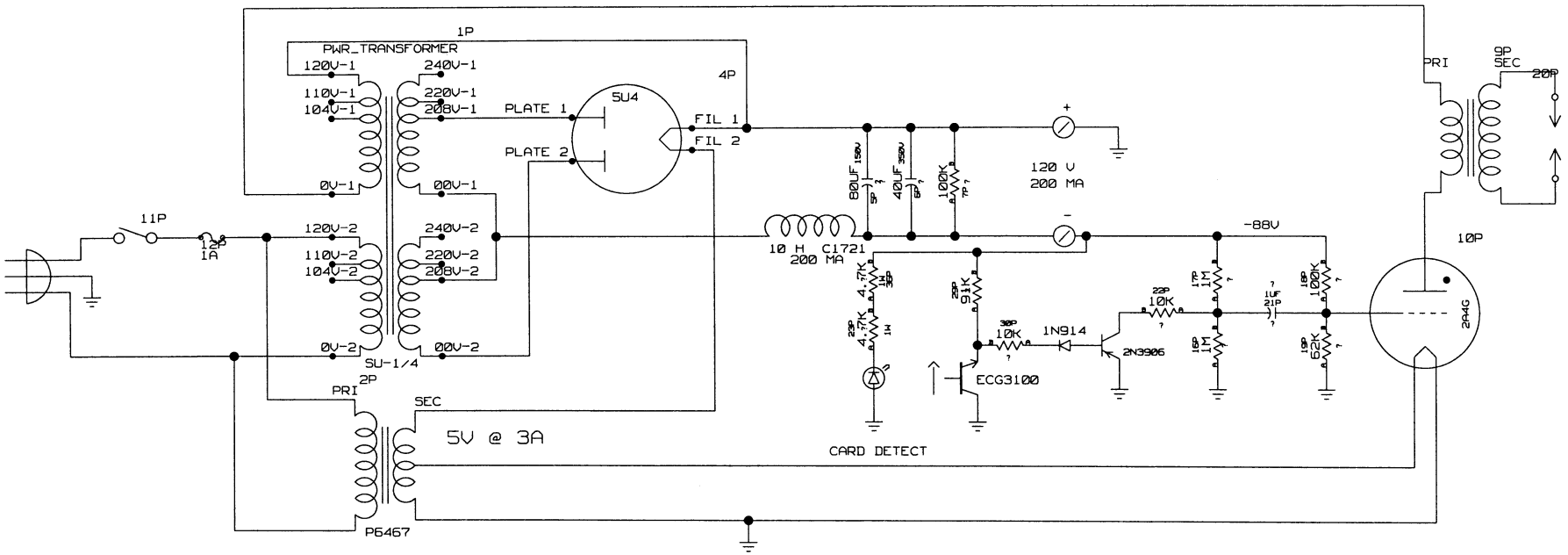
|---|---|---|---|---|
| REQUESTOR | JOB ORDER | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50011 | TITLE ABC PUNCH DISPLAY (AS BUILT) |
| GROUP LEADER | DATE AUGUST 13, 1999 | LAYOUT BY | | FILE NO 22521 / REVISION |
| | | | | APPROVED BY / VERIFIED BY |

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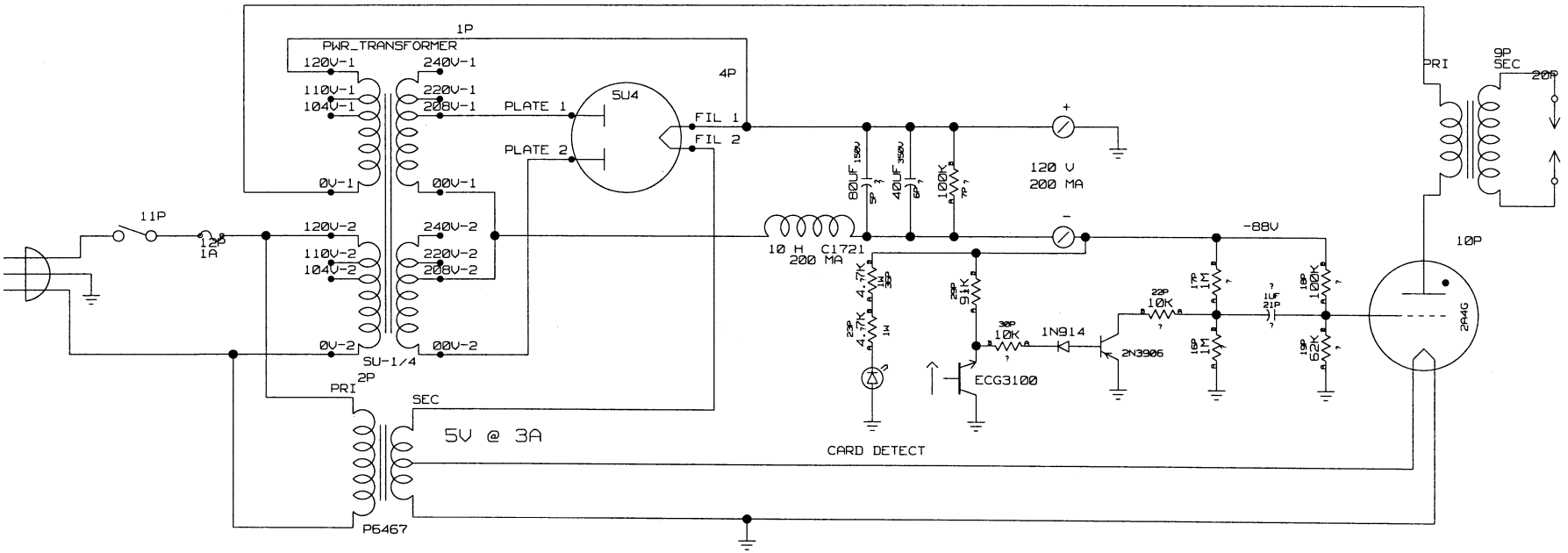
| REQUESTOR | JOB ORDER | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50011 | TITLE ABC PUNCH DISPLAY | |
| GROUP LEADER | DATE OCTOBER 21, 1998 | LAYOUT BY | | FILE NO 22521 | REVISION |
| | | | | APPROVED BY | VERIFIED BY |

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| REQUESTOR | JOB ORDER | DESIGNED BY GARY SLEEGE | AMES LABORATORY<br>IOWA STATE UNIVERSITY<br>AMES, IOWA 50011 | TITLE ABC PUNCH DISPLAY |
| GROUP LEADER | DATE OCTOBER 21, 1998 | LAYOUT BY | | FILE NO 22521 / REVISION |
| | | | | APPROVED BY / VERIFIED BY |